

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022020\
 Data File : VX014981.D
 Acq On : 20 Feb 2020 16:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 9:15:34 AM

Quant Time: Feb 21 01:22:42 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	437923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	646150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	599822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317789	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	233848	47.32	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.64%	
35) Dibromofluoromethane	5.48	113	195886	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.71	98	745715	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.13	95	272683	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	202523	48.834	ug/l	100
3) Chloromethane	1.32	50	219690	46.724	ug/l	100
4) Vinyl Chloride	1.40	62	236433	46.679	ug/l	97
5) Bromomethane	1.63	94	158010	48.195	ug/l	97
6) Chloroethane	1.72	64	150885	46.556	ug/l	98
7) Trichlorofluoromethane	1.92	101	346191	48.919	ug/l	98
8) Diethyl Ether	2.18	74	140589	47.907	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201654	49.091	ug/l	100
10) Methyl Iodide	2.50	142	229690	50.143	ug/l	98
11) Tert butyl alcohol	3.02	59	213343	244.482	ug/l	100
12) 1,1-Dichloroethene	2.36	96	190824	47.540	ug/l	99
13) Acrolein	2.28	56	136468	205.188	ug/l	100
14) Allyl chloride	2.72	41	332864	46.772	ug/l	99
15) Acrylonitrile	3.12	53	549455	248.376	ug/l	99
16) Acetone	2.43	43	557769	208.269	ug/l	99
17) Carbon Disulfide	2.56	76	483214	43.086	ug/l	100
18) Methyl Acetate	2.76	43	256770	51.585	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	658556	50.412	ug/l	99
20) Methylene Chloride	2.84	84	219772	46.226	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	207132	46.766	ug/l	99
22) Diisopropyl ether	3.84	45	691007	50.838	ug/l	93
23) Vinyl Acetate	3.80	43	2946632	262.980	ug/l	99
24) 1,1-Dichloroethane	3.69	63	378133	49.293	ug/l	99
25) 2-Butanone	4.65	43	794241	236.050	ug/l	99
26) 2,2-Dichloropropane	4.57	77	319732	48.364	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	242113	48.902	ug/l	99
28) Bromochloromethane	5.00	49	144491	48.594	ug/l	99
29) Tetrahydrofuran	5.11	42	481346	251.654	ug/l	99
30) Chloroform	5.19	83	381217	50.088	ug/l	97
31) Cyclohexane	5.56	56	332174	47.542	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	324073	48.676	ug/l	99
36) 1,1-Dichloropropene	5.79	75	284809	49.275	ug/l	99
37) Ethyl Acetate	4.81	43	305919	50.746	ug/l	99
38) Carbon Tetrachloride	5.77	117	281903	50.047	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	353746	48.936	ug/l	98
40) Benzene	6.13	78	846802	49.034	ug/l	97
41) Methacrylonitrile	5.02	41	170524	52.507	ug/l	98
42) 1,2-Dichloroethane	6.18	62	308249	49.385	ug/l	100
43) Isopropyl Acetate	6.42	43	510499	51.334	ug/l	99
44) Trichloroethene	7.20	130	242251	48.321	ug/l	99
45) 1,2-Dichloropropane	7.50	63	220681	50.106	ug/l	98
46) Dibromomethane	7.65	93	146765	48.750	ug/l	99
47) Bromodichloromethane	7.89	83	298271	49.967	ug/l	99
48) Methyl methacrylate	7.76	41	252149	51.521	ug/l	100
49) 1,4-Dioxane	7.73	88	91956	1004.930	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1541911	256.778	ug/l	100
52) Toluene	8.78	92	545043	49.691	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	332445	50.817	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	367216	50.811	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	222619	50.165	ug/l	98
56) Ethyl methacrylate	9.17	69	349675	52.423	ug/l	99
57) 1,3-Dichloropropane	9.36	76	373935	50.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	891795	255.644	ug/l	100
59) 2-Hexanone	9.48	43	1181406	250.304	ug/l	99
60) Dibromochloromethane	9.57	129	244773	51.254	ug/l	97
61) 1,2-Dibromoethane	9.67	107	237354	49.571	ug/l	98
64) Tetrachloroethene	9.33	164	243981	43.505	ug/l	98
65) Chlorobenzene	10.13	112	595820	48.974	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	226714	51.330	ug/l	100
67) Ethyl Benzene	10.25	91	1054427	50.962	ug/l	99
68) m/p-Xylenes	10.36	106	798948	100.236	ug/l	100
69) o-Xylene	10.69	106	392399	51.214	ug/l	98
70) Styrene	10.70	104	671762	51.825	ug/l	100
71) Bromoform	10.85	173	195081	52.915	ug/l	99
73) Isopropylbenzene	11.01	105	1046643	52.519	ug/l	100
74) N-amyl acetate	10.89	43	447804	54.079	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	335792	51.545	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	287149m	49.968	ug/l	
77) Bromobenzene	11.25	156	280648	50.455	ug/l	97
78) n-propylbenzene	11.35	91	1197626	51.958	ug/l	99
79) 2-Chlorotoluene	11.42	91	692049	51.071	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	881899	52.961	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	113876	50.723	ug/l	97
82) 4-Chlorotoluene	11.50	91	818698	51.018	ug/l	100
83) tert-Butylbenzene	11.76	119	863960	54.790	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	885042	52.740	ug/l	100
85) sec-Butylbenzene	11.94	105	1031426	52.654	ug/l	99
86) p-Isopropyltoluene	12.06	119	968015	52.808	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	496419	49.747	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	498123	48.882	ug/l	99
89) n-Butylbenzene	12.38	91	843329	51.368	ug/l	99
90) Hexachloroethane	12.59	117	172308	53.825	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	496722	50.759	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73301	47.961	ug/l	99

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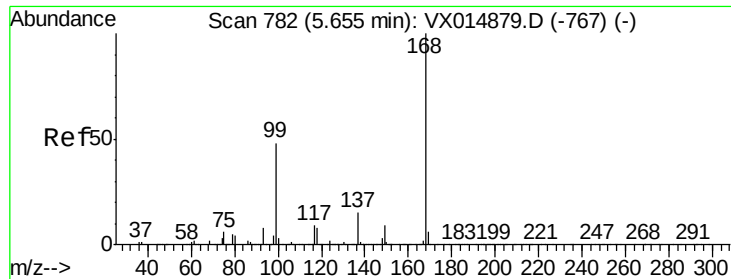
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	365565	50.611	ug/l	98
94) Hexachlorobutadiene	13.78	225	178773	51.171	ug/l	99
95) Naphthalene	13.83	128	1032966	53.787	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	355724	50.975	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

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Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 437923

Ion Ratio Lower Upper

168 100

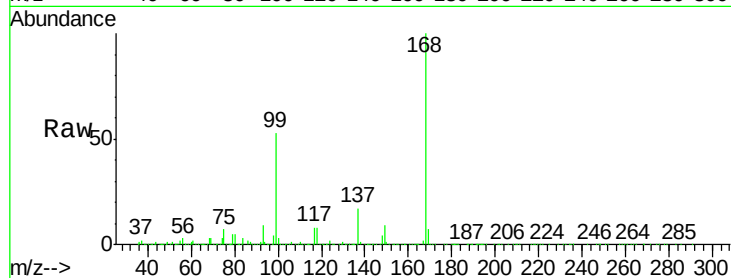
99 52.5 38.7 58.1

Manual Integrations

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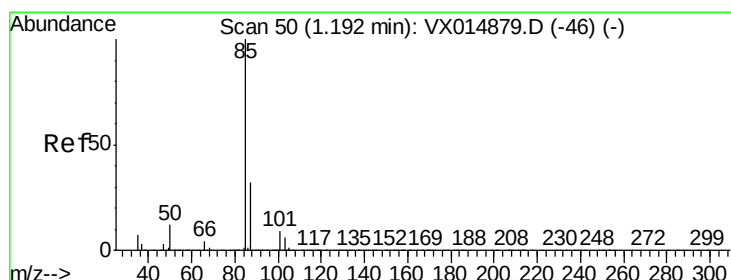
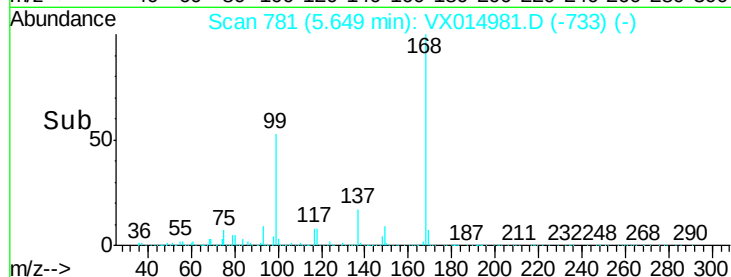
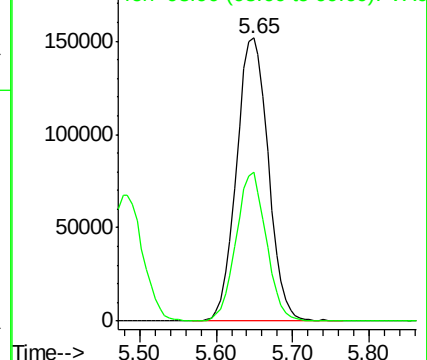
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.834 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014981.D

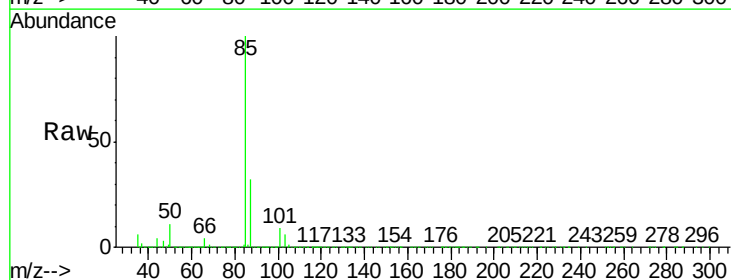
Acq: 20 Feb 2020 16:50

Tgt Ion: 85 Resp: 202523

Ion Ratio Lower Upper

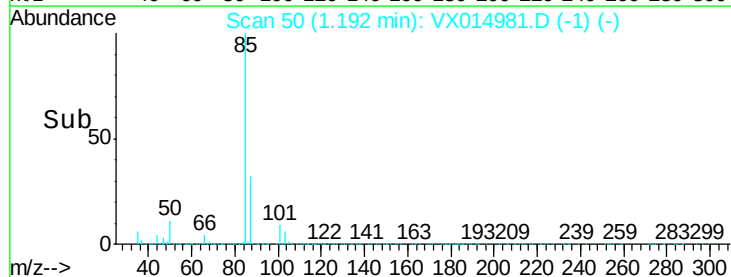
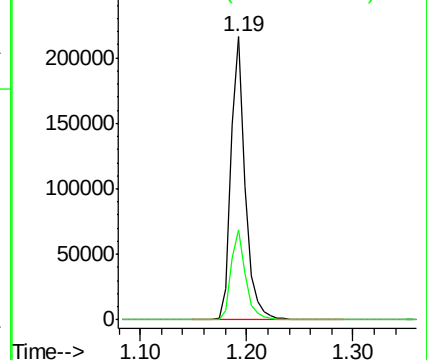
85 100

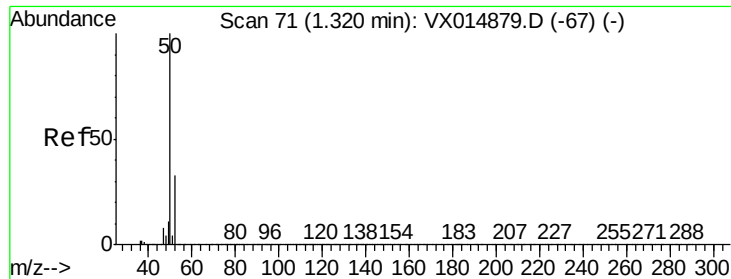
87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.724 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 219690

Ion Ratio Lower Upper

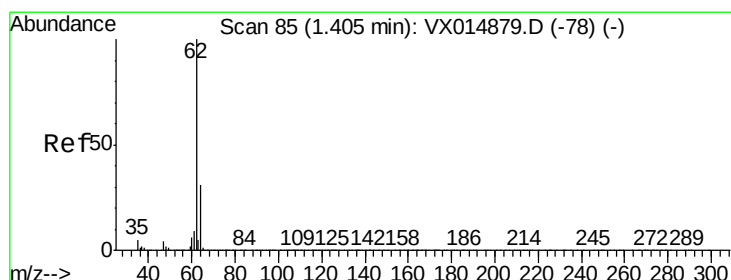
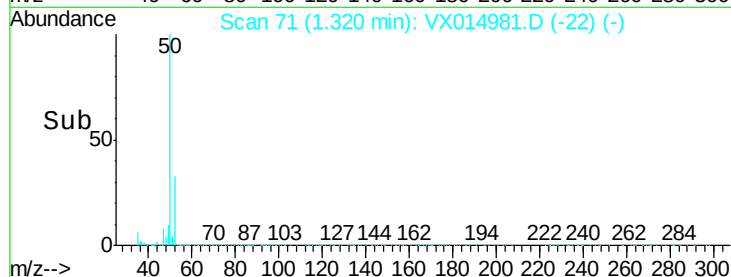
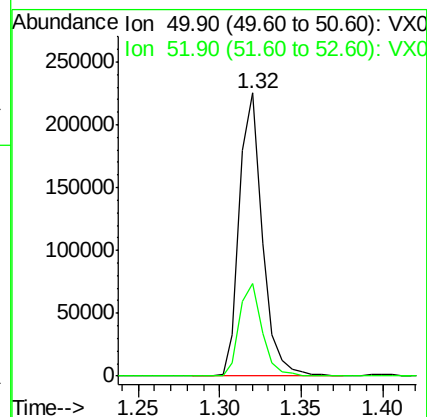
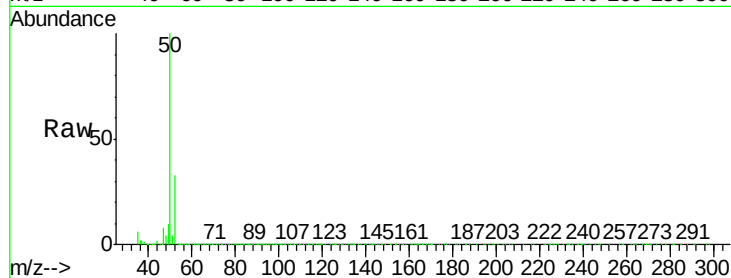
50 100

52 32.9 26.2 39.2

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#4

Vinyl Chloride

Concen: 46.679 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014981.D

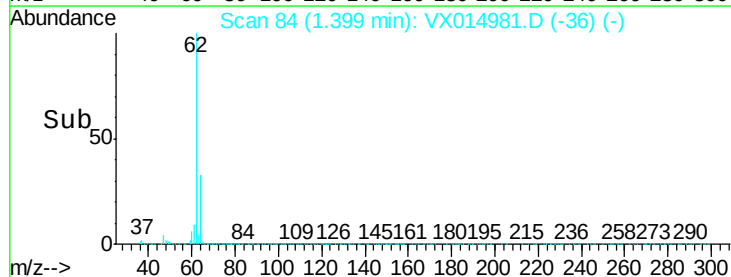
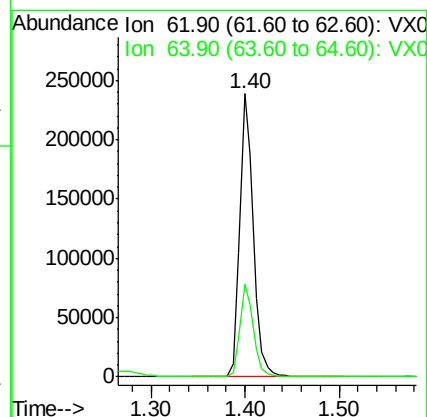
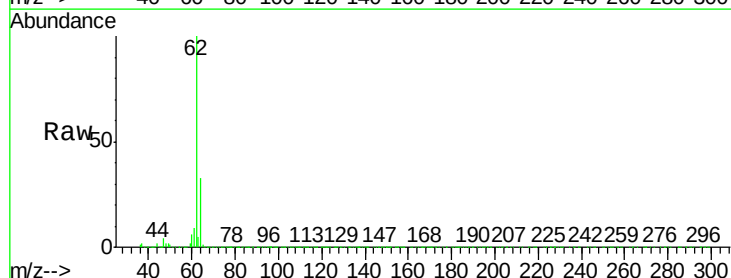
Acq: 20 Feb 2020 16:50

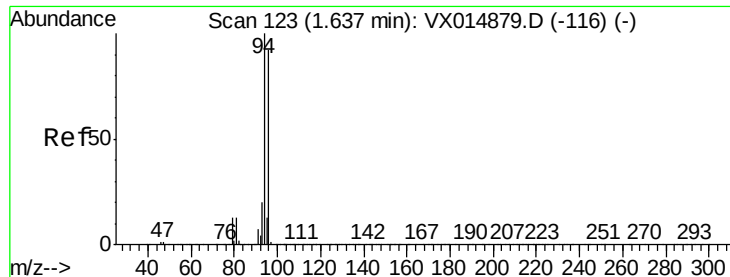
Tgt Ion: 62 Resp: 236433

Ion Ratio Lower Upper

62 100

64 32.6 24.8 37.2





#5

Bromomethane

Concen: 48.195 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 158010

Ion Ratio Lower Upper

94 100

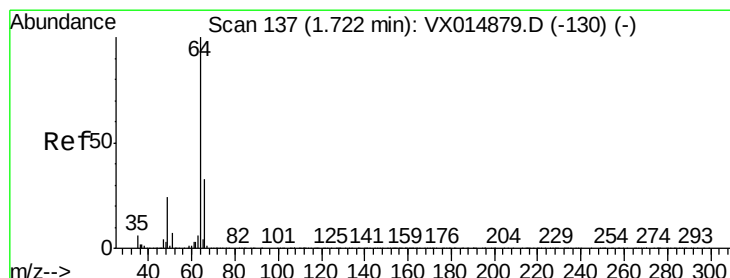
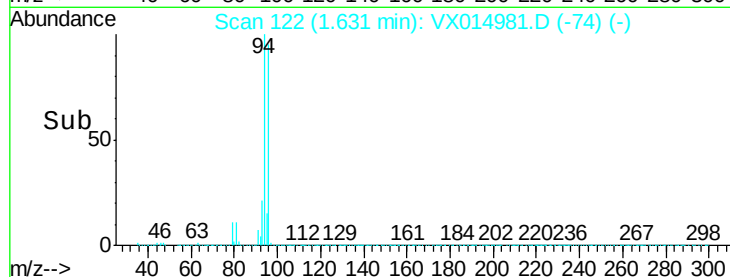
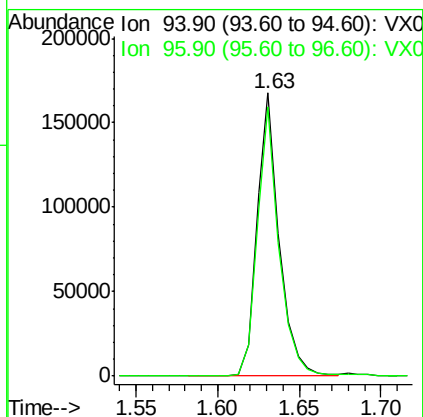
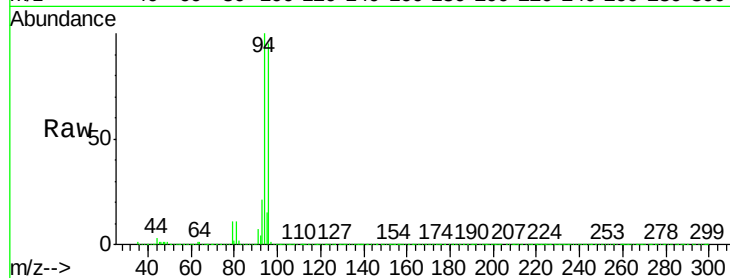
96 94.9 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 46.556 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014981.D

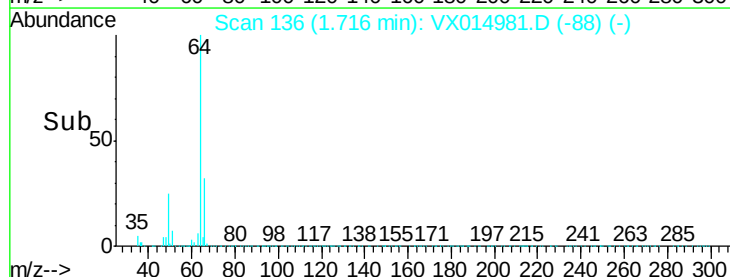
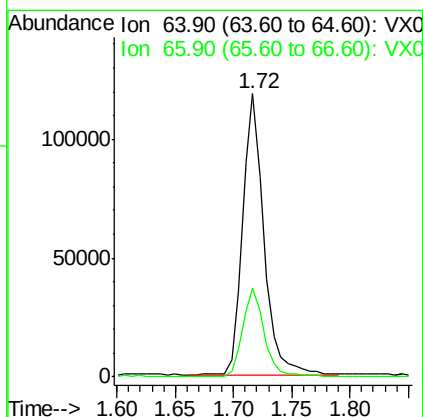
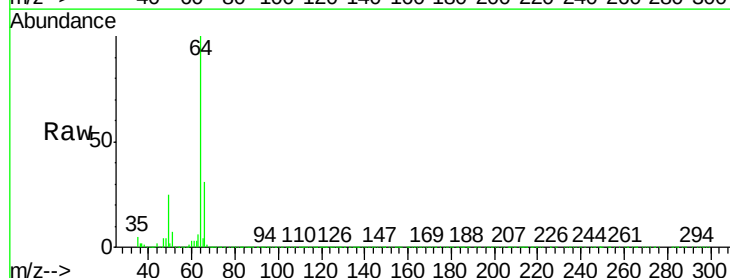
Acq: 20 Feb 2020 16:50

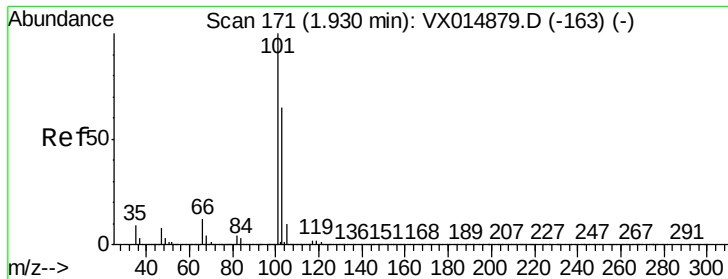
Tgt Ion: 64 Resp: 150885

Ion Ratio Lower Upper

64 100

66 31.4 26.2 39.4





#7

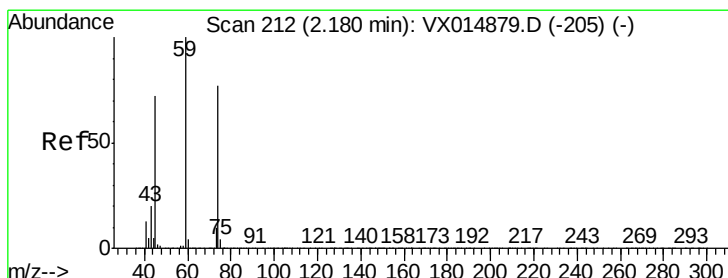
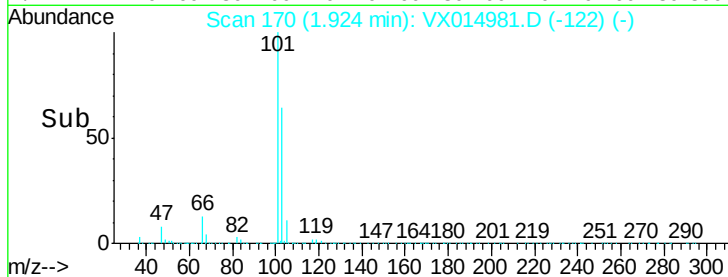
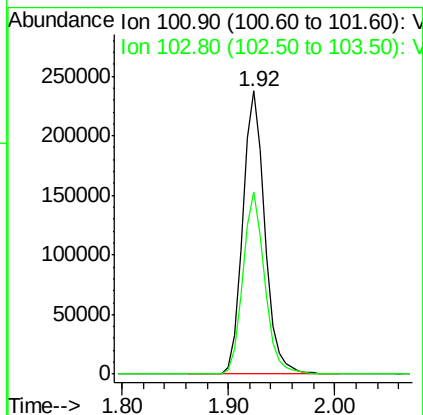
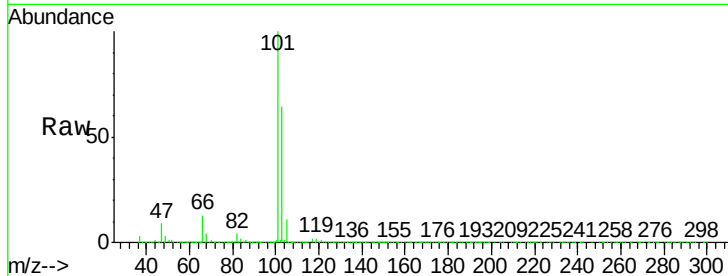
Trichlorofluoromethane
Concen: 48.919 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
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VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	346191		
103	64.0	52.2	78.4	

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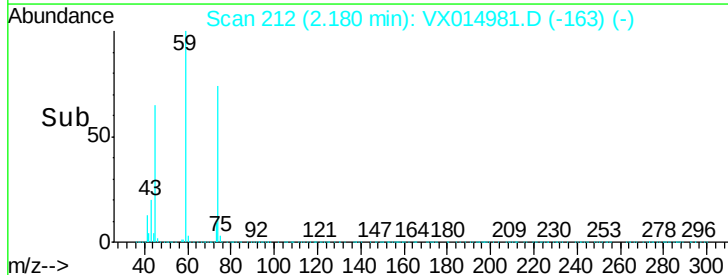
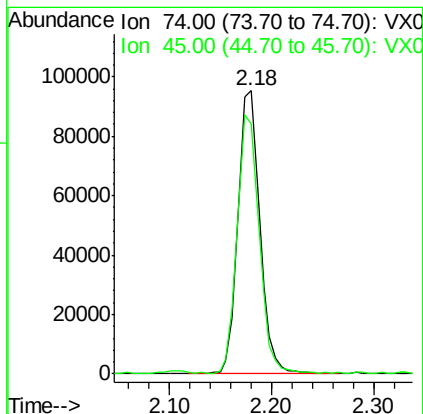
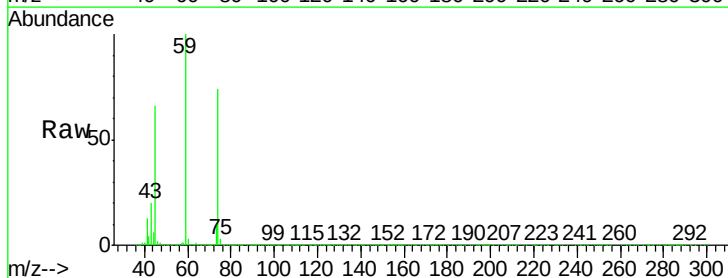
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2/21/2020 9:15:34 AM

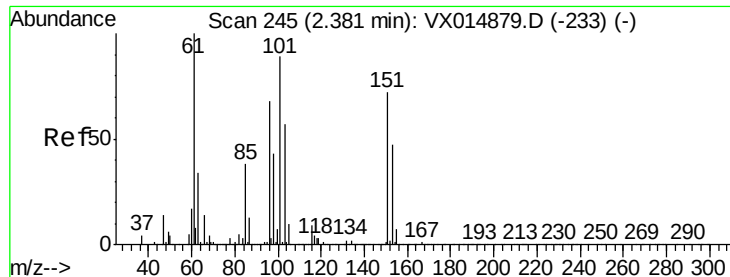


#8

Diethyl Ether
Concen: 47.907 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	140589		
45	91.7	46.6	139.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.091 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

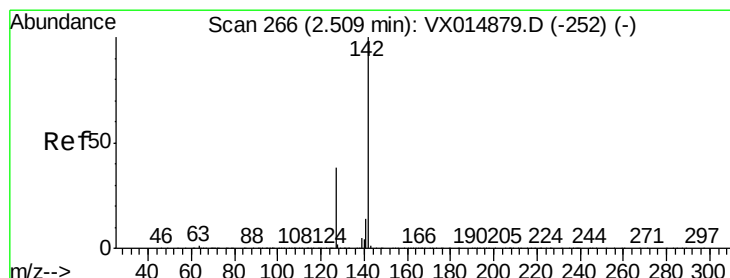
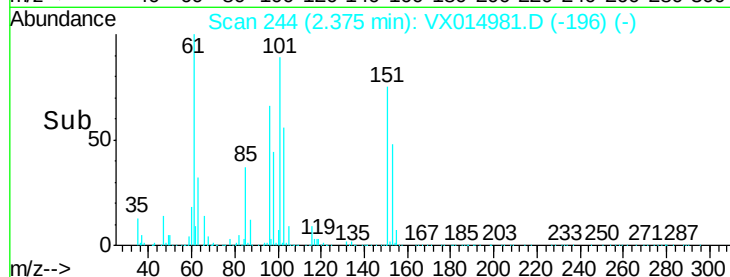
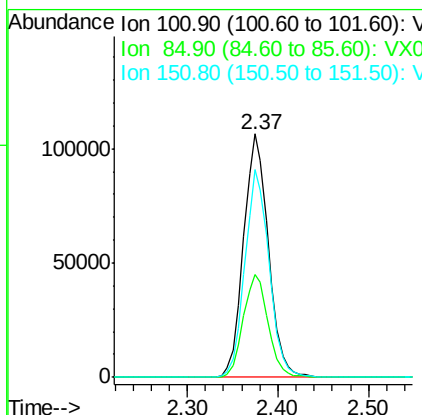
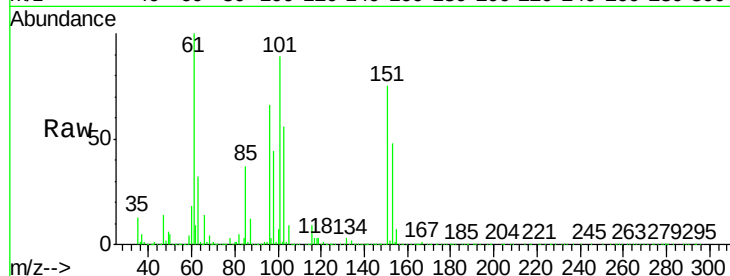
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	201654
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.1	51.1
151	84.0	67.3	100.9

Manual Integrations
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MMDadoda
2/21/2020 9:15:34 AM



#10

Methyl Iodide

Concen: 50.143 ug/l

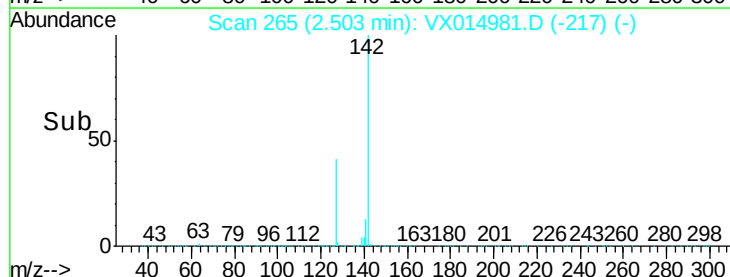
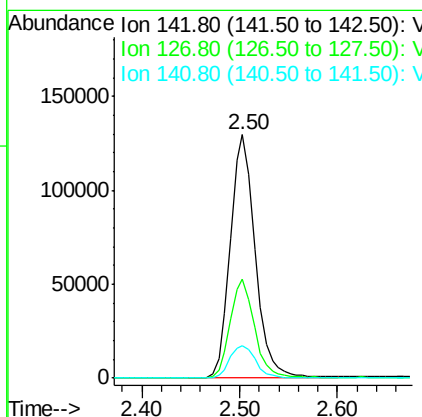
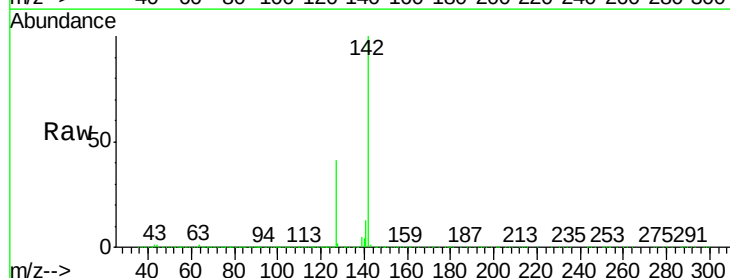
RT: 2.50 min Scan# 265

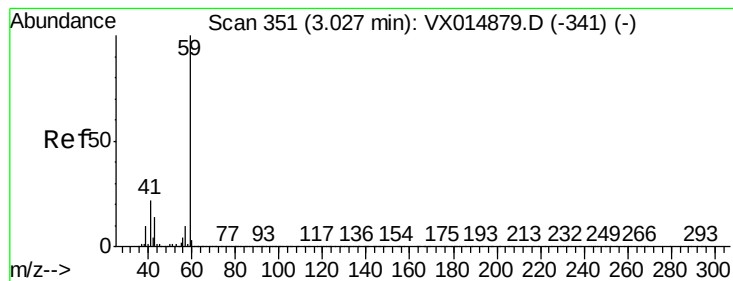
Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Tgt Ion:	142	Resp:	229690
Ion Ratio	Lower	Upper	
142	100		
127	40.2	31.1	46.7
141	14.2	11.3	16.9





#11

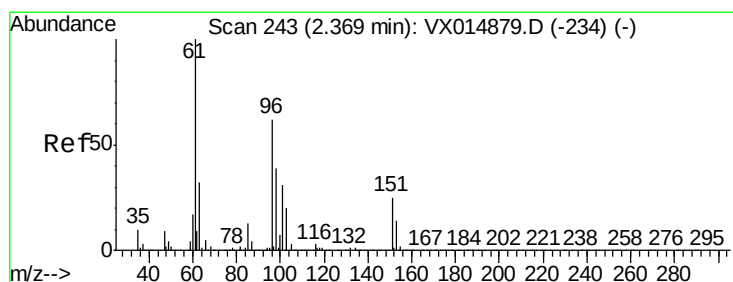
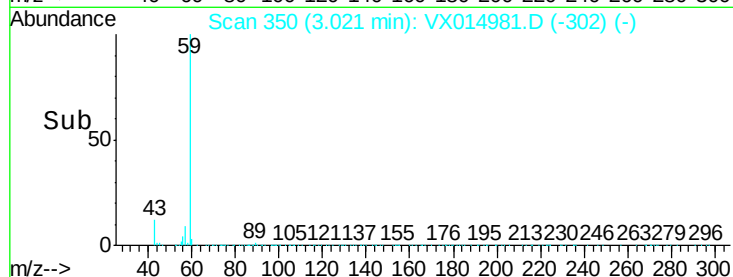
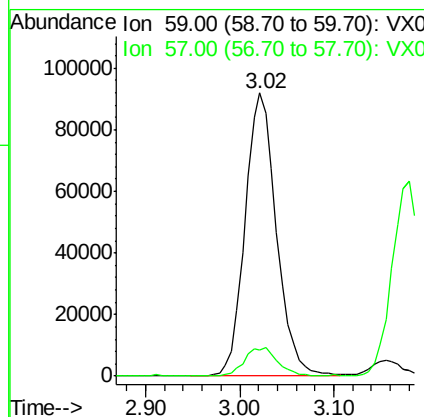
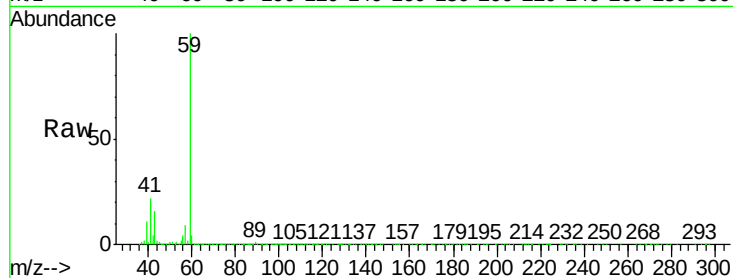
Tert butyl alcohol
Concen: 244.482 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

Manual Integrations
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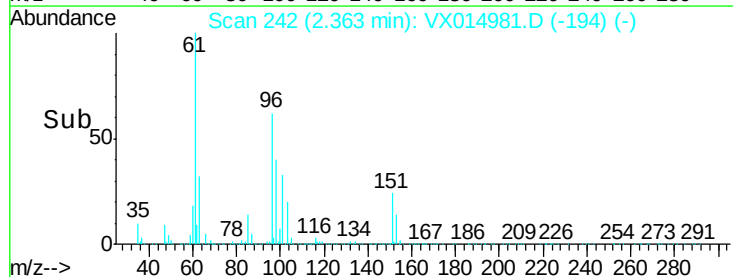
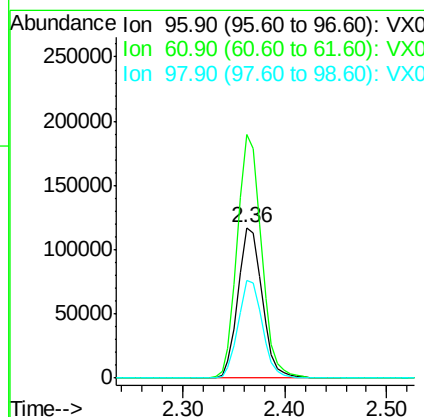
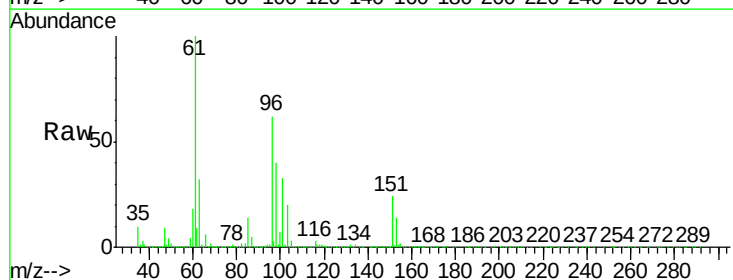
MMDadoda
2/21/2020 9:15:34 AM

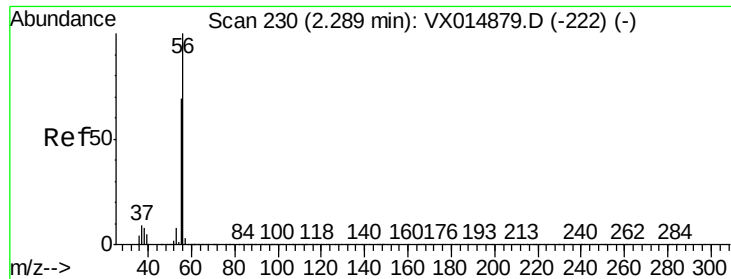


#12

1,1-Dichloroethene
Concen: 47.540 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.5	129.5	194.3
98	64.9	50.6	76.0





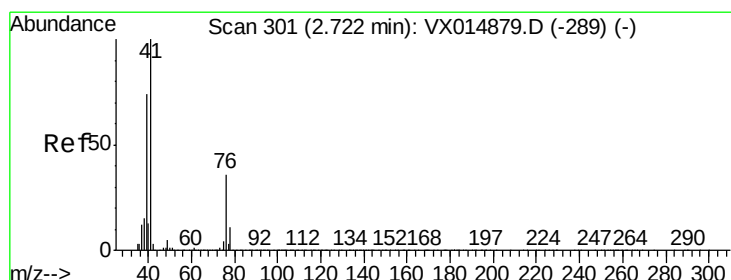
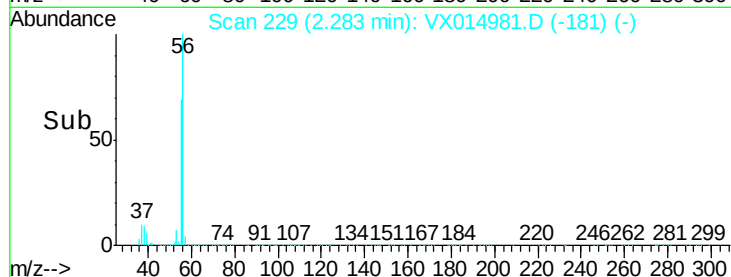
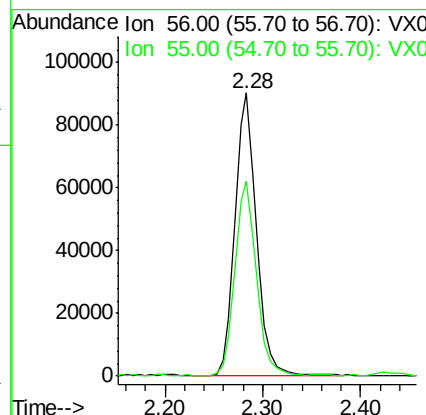
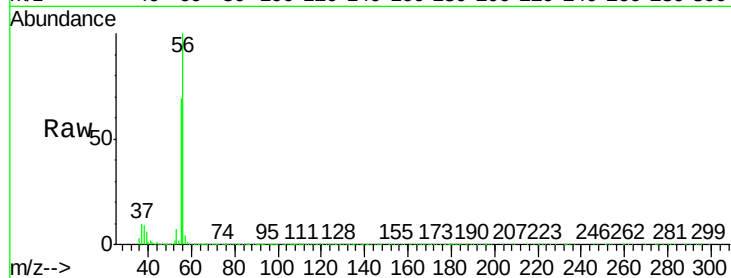
#13
Acrolein
Concen: 205.188 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.1	55.0	82.4

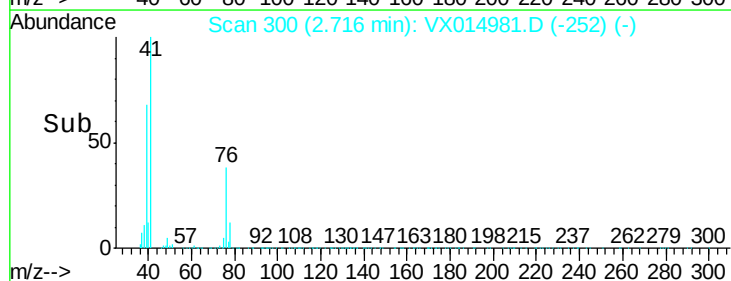
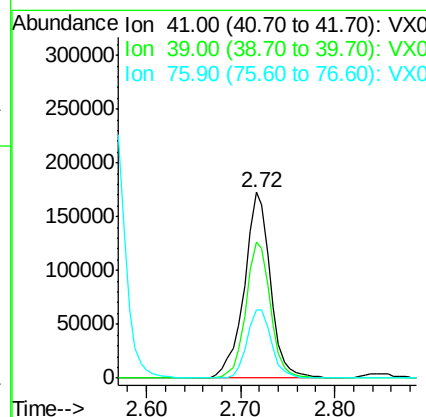
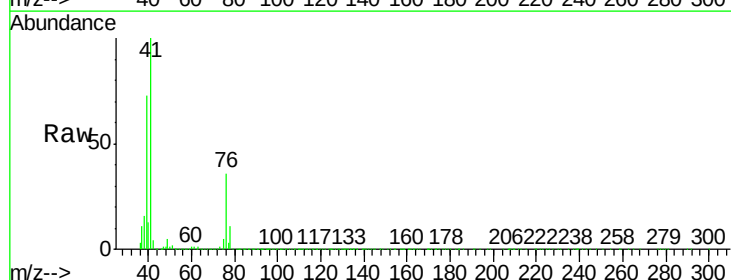
Manual Integrations
APPROVED

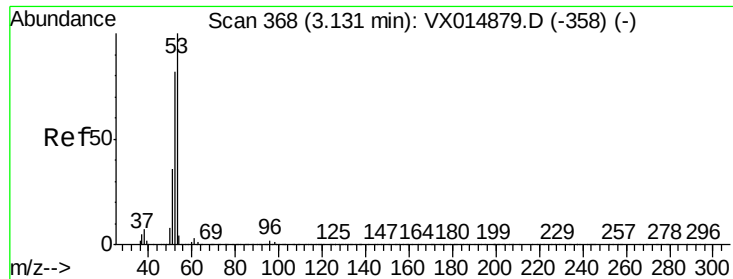
MMDadoda
2/21/2020 9:15:34 AM



#14
Allyl chloride
Concen: 46.772 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.5	55.2	82.8
76	34.5	26.8	40.2





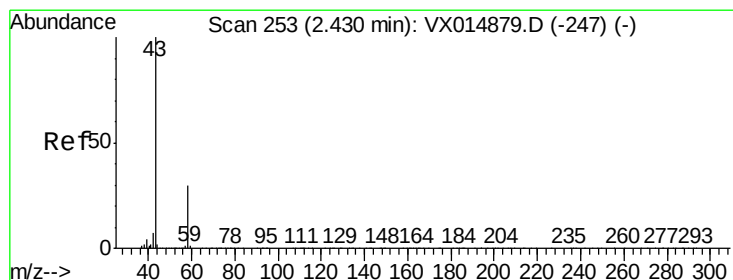
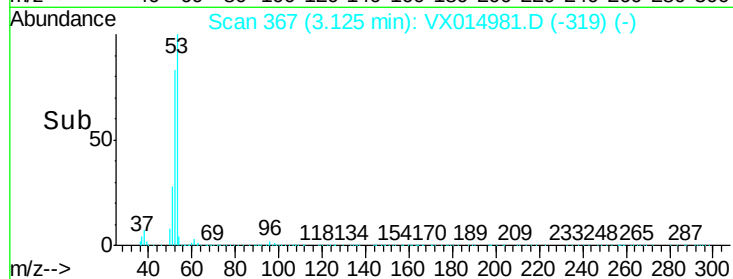
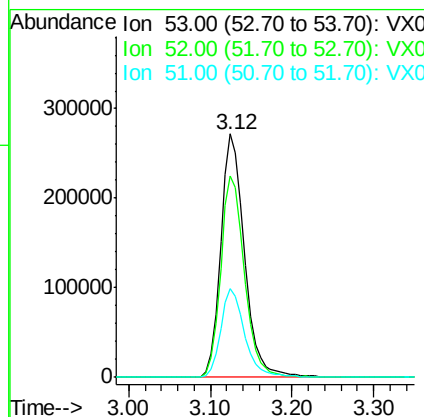
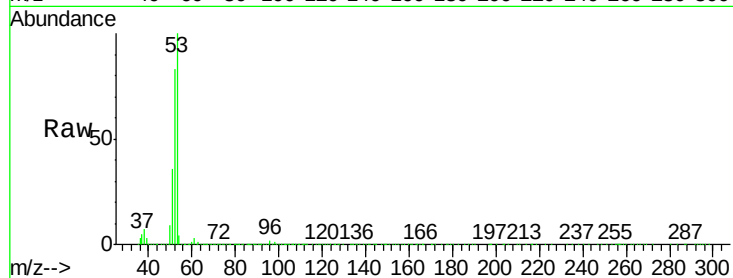
#15
 Acrylonitrile
 Concen: 248.376 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	53	100			
52	52	83.1	65.8	98.6	
51	51	36.9	29.1	43.7	

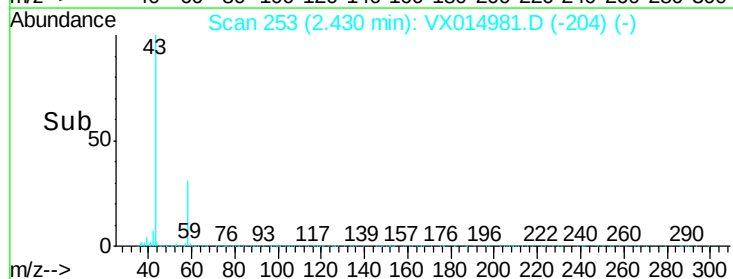
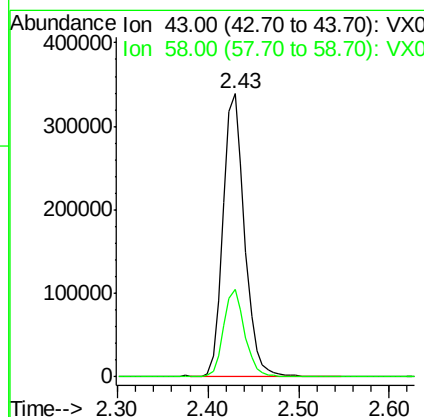
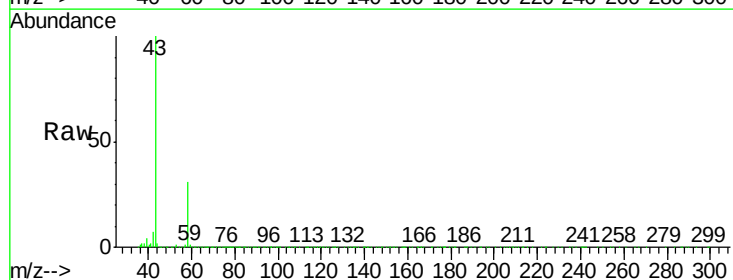
Manual Integrations
 APPROVED

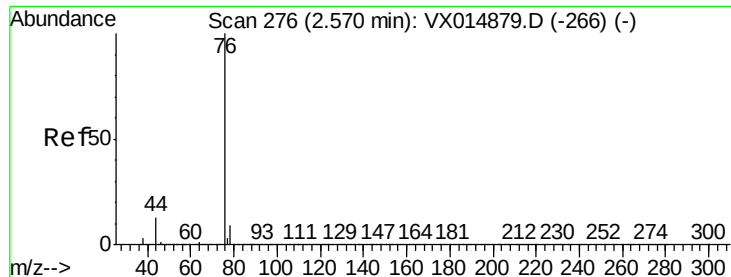
MMDadoda
 2/21/2020 9:15:34 AM



#16
 Acetone
 Concen: 208.269 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100			
58	58	30.9	24.1	36.1	





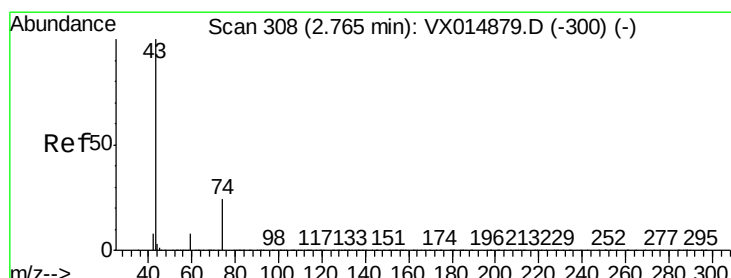
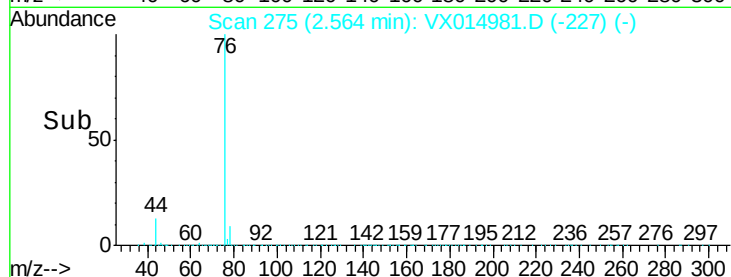
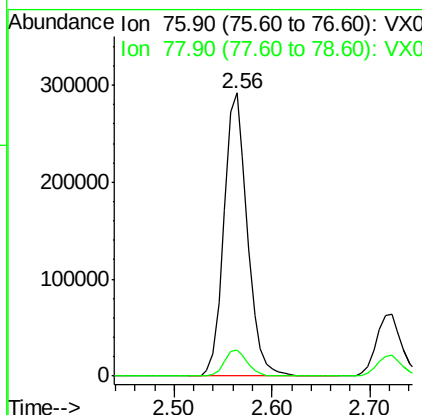
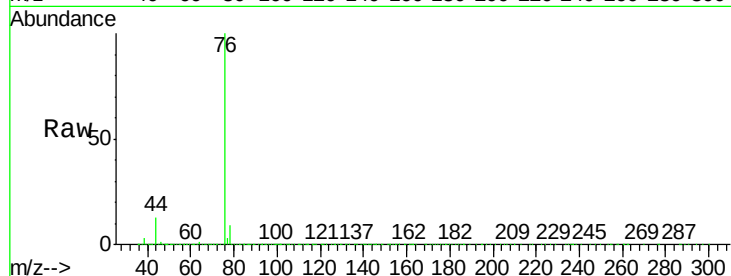
#17
Carbon Disulfide
Concen: 43.086 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

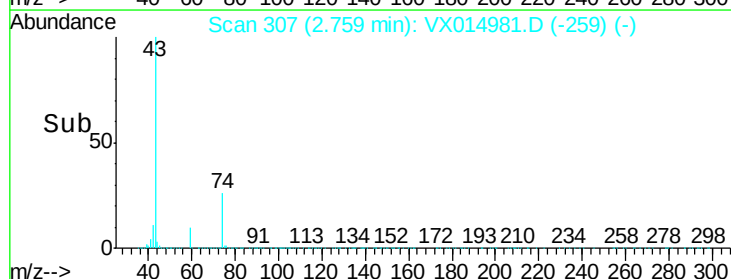
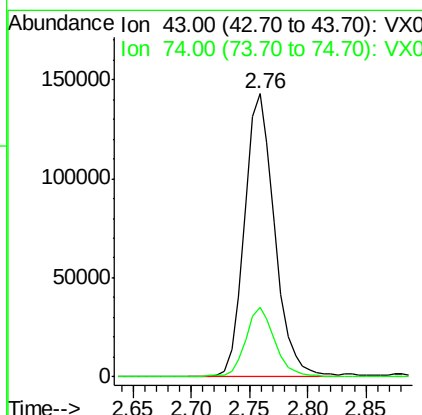
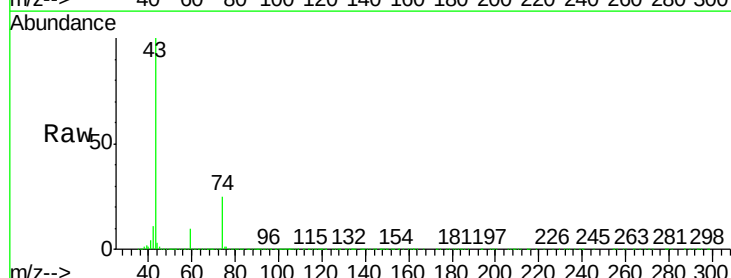
Manual Integrations
APPROVED

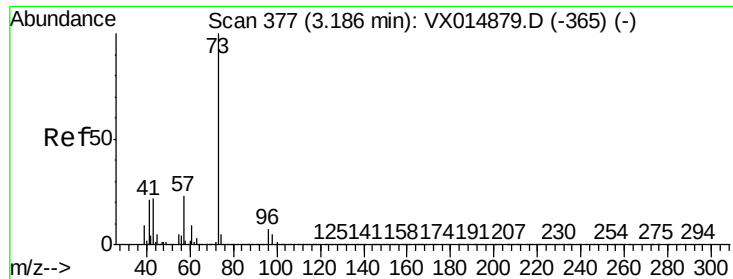
MMDadoda
2/21/2020 9:15:34 AM



#18
Methyl Acetate
Concen: 51.585 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.4	29.0





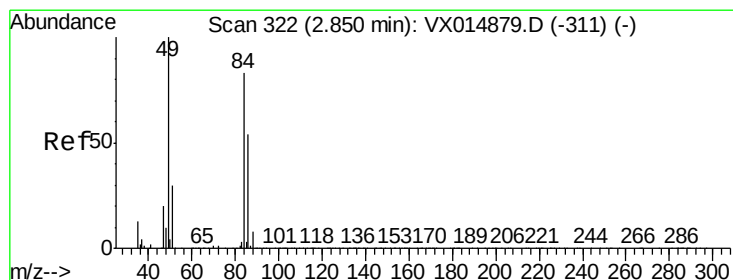
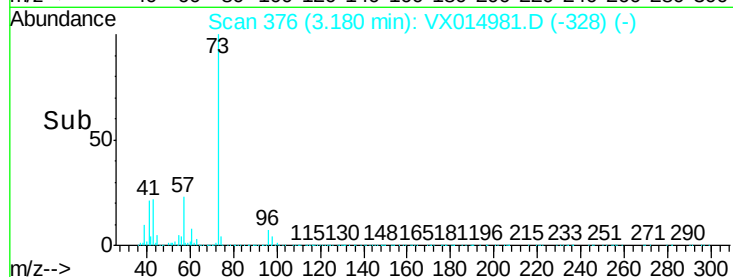
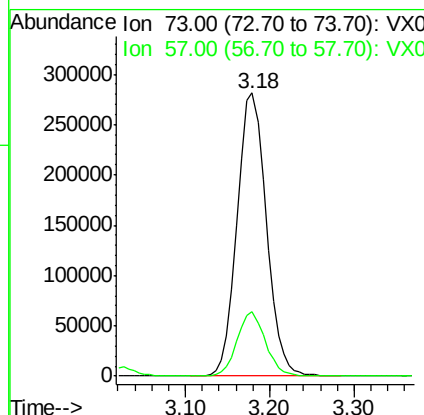
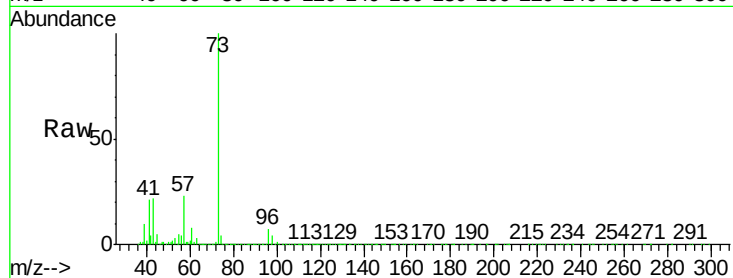
#19
Methyl tert-butyl Ether
Concen: 50.412 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.2	27.4

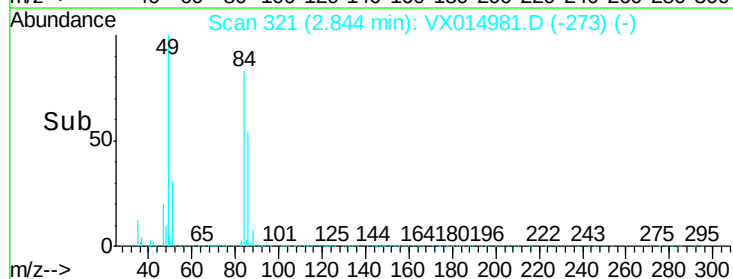
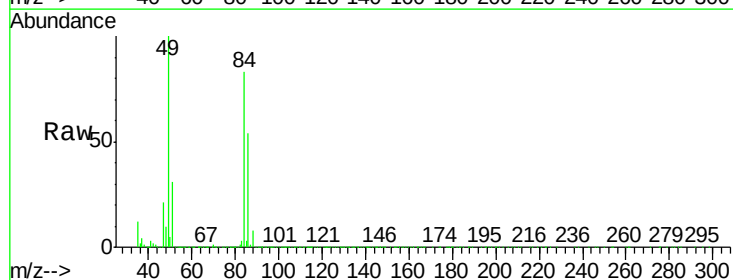
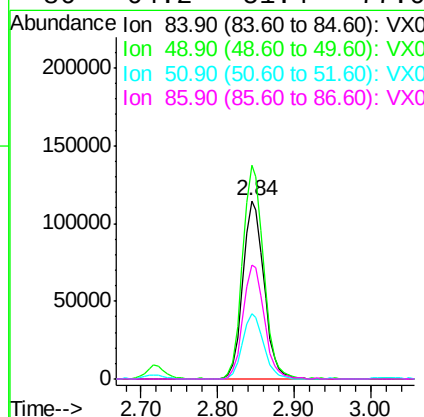
Manual Integrations
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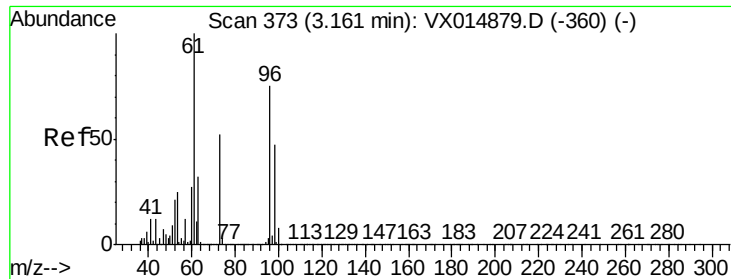
MMDadoda
2/21/2020 9:15:34 AM



#20
Methylene Chloride
Concen: 46.226 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.9	95.6	143.4
51	36.5	29.0	43.6
86	64.2	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 46.766 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

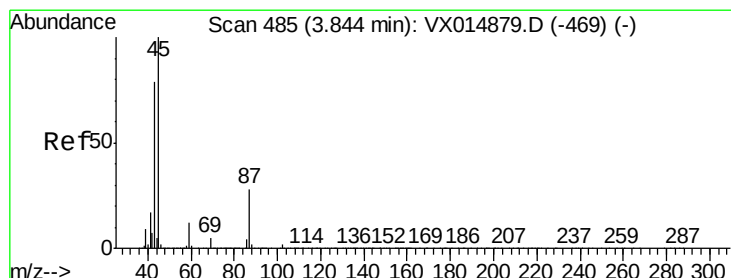
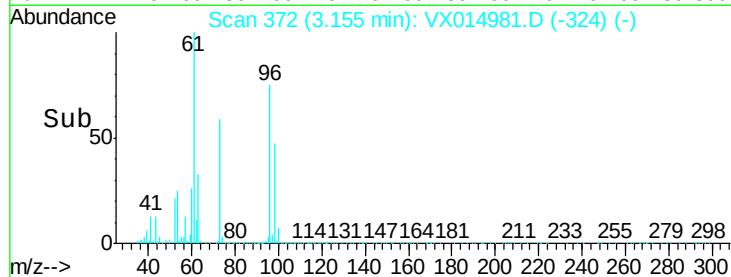
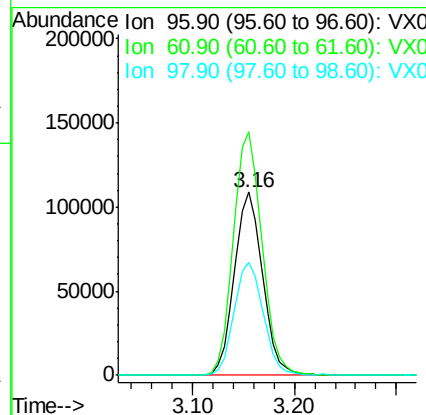
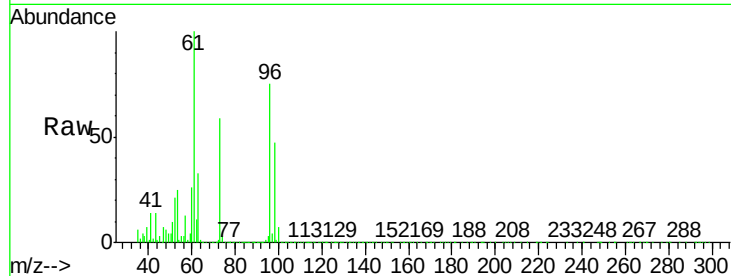
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	207132
Ion Ratio	Lower	Upper	
96	100		
61	133.1	106.9	160.3
98	62.1	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.838 ug/l

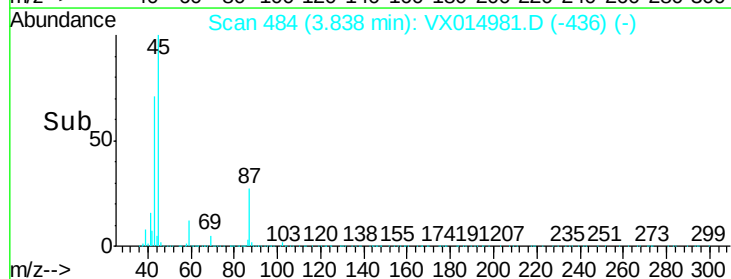
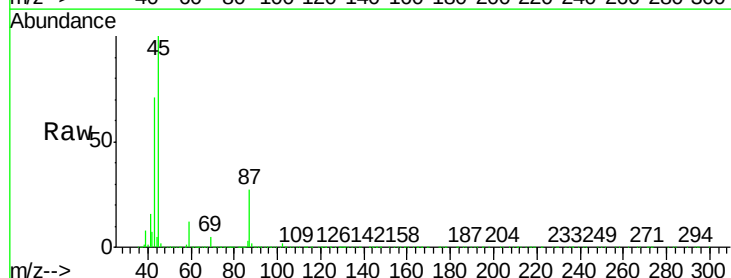
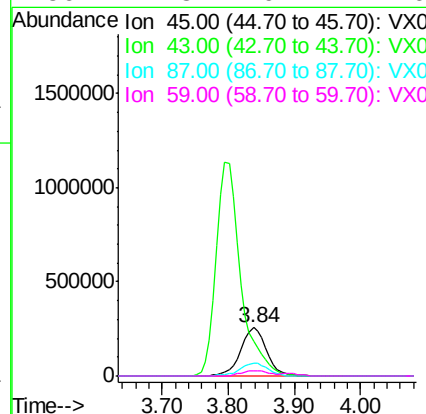
RT: 3.84 min Scan# 484

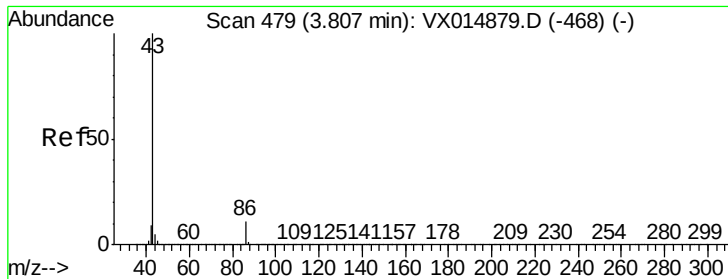
Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Tgt Ion:	45	Resp:	691007
Ion Ratio	Lower	Upper	
45	100		
43	70.7	63.5	95.3
87	26.5	22.2	33.4
59	11.8	9.4	14.0





#23

Vinyl Acetate

Concen: 262.980 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2946632

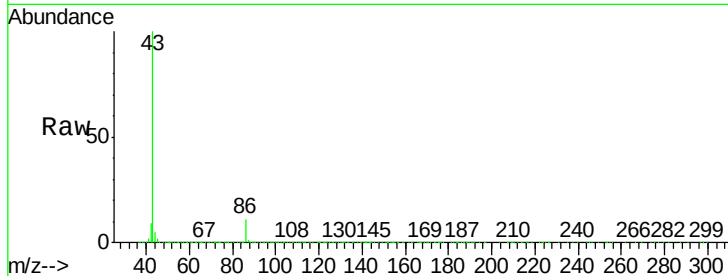
Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3

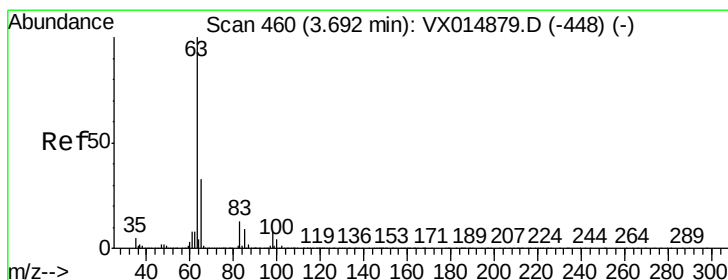
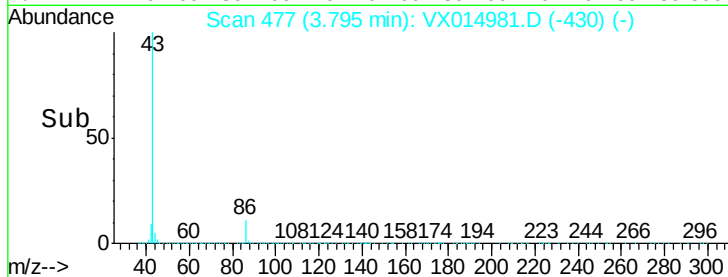
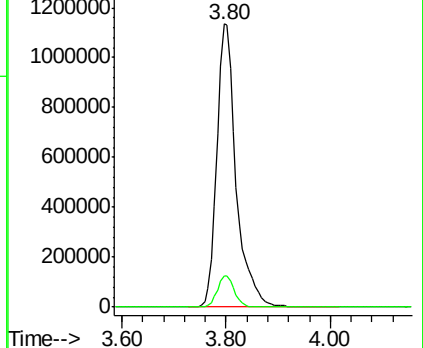
Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.293 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

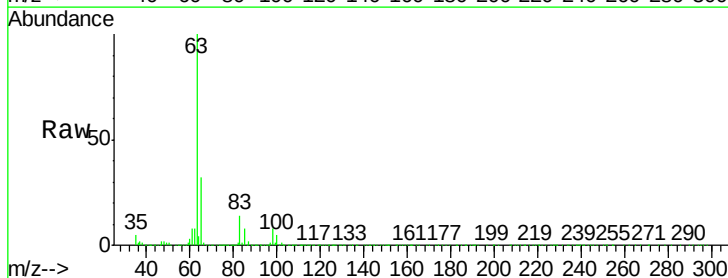
Tgt Ion: 63 Resp: 378133

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

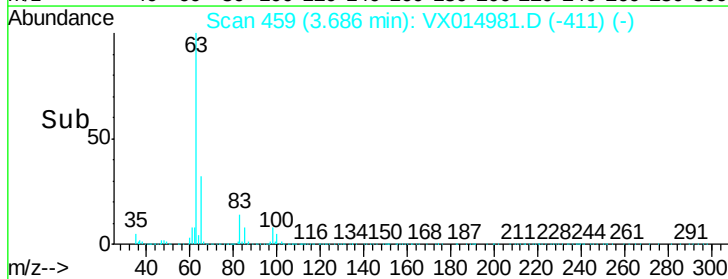
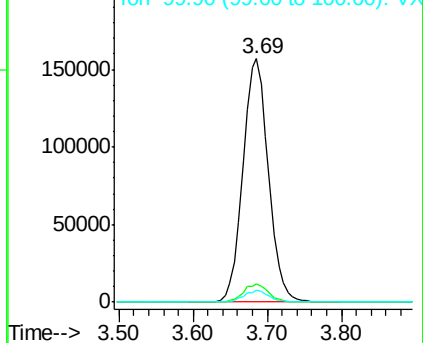
100 4.9 2.2 6.6

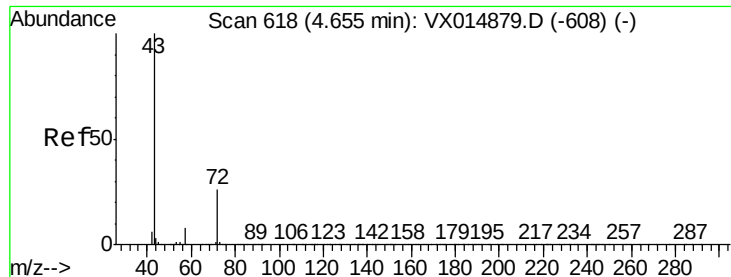


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 236.050 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Tot Ion: 43 Resp: 794241

Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

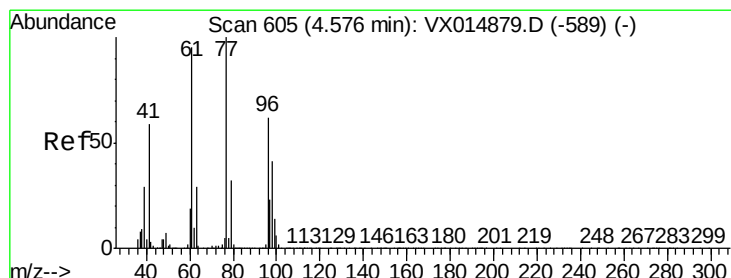
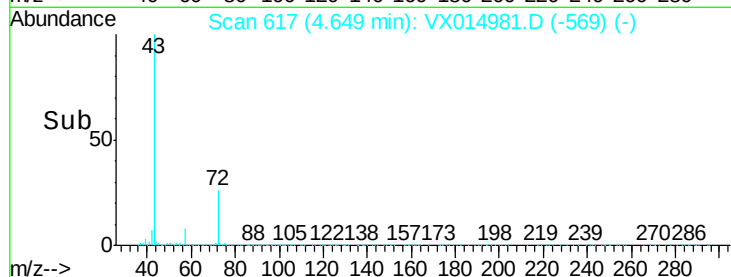
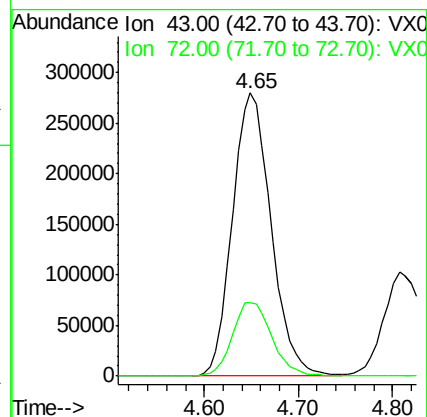
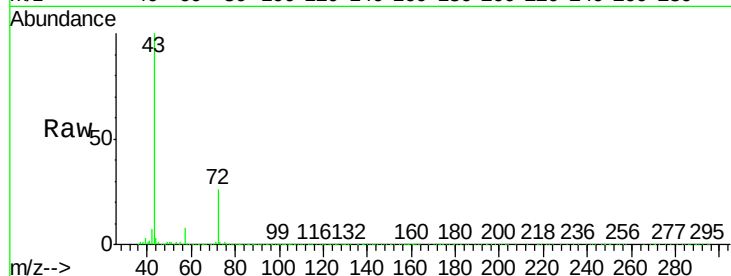
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.364 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014981.D

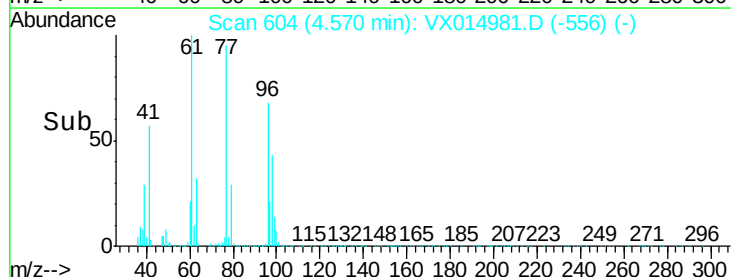
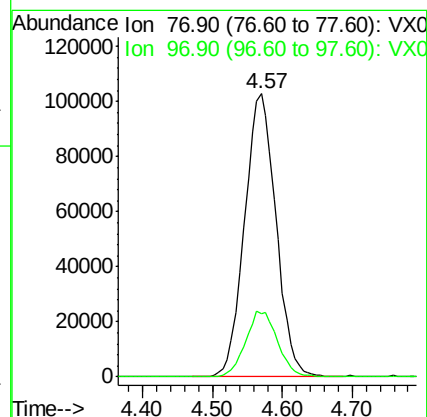
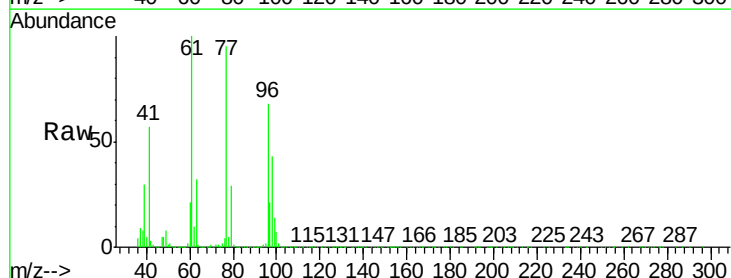
Acq: 20 Feb 2020 16:50

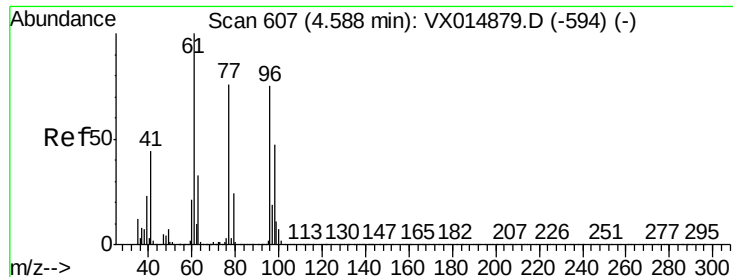
Tgt Ion: 77 Resp: 319732

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.5





#27

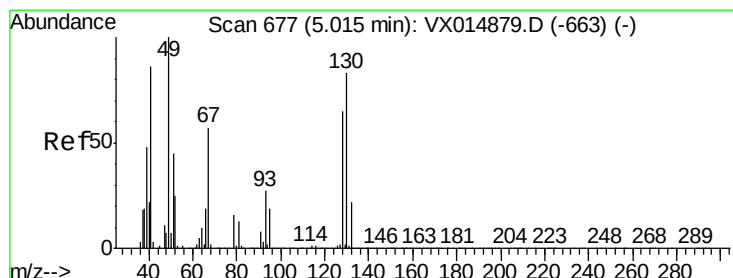
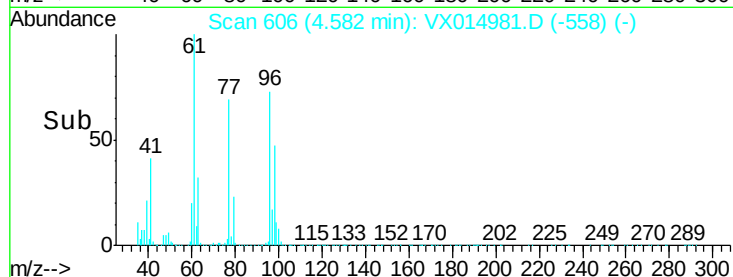
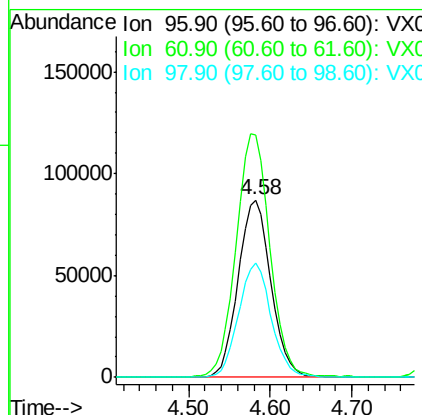
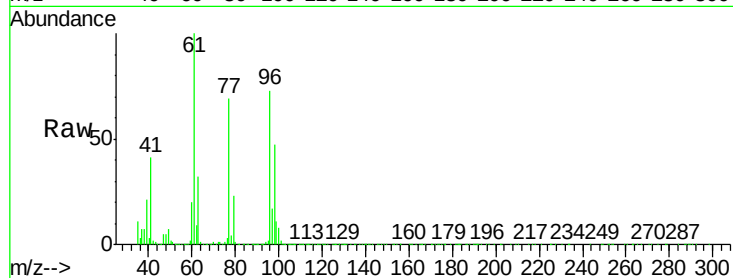
cis-1,2-Dichloroethene
Concen: 48.902 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	242113		
61	141.5	0.0	286.2	
98	64.5	0.0	131.0	

Manual Integrations
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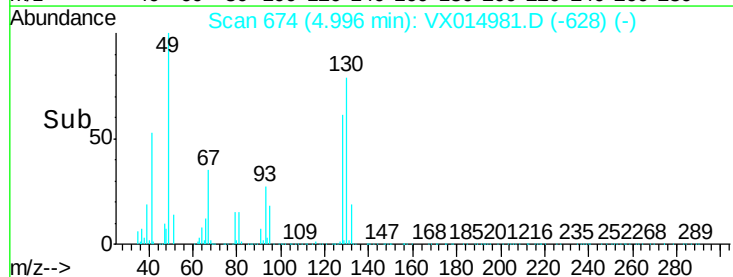
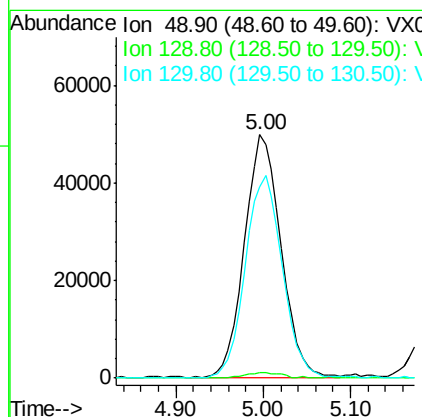
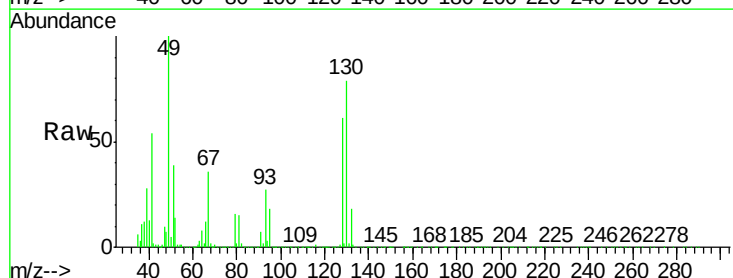
MMDadoda
2/21/2020 9:15:34 AM

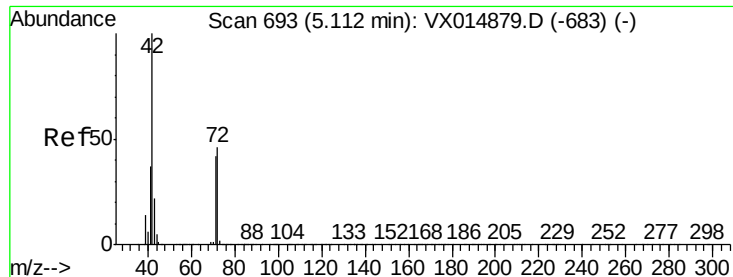


#28

Bromochloromethane
Concen: 48.594 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	144491		
129	2.4	0.0	5.2	
130	85.3	67.4	101.2	





#29

Tetrahydrofuran

Concen: 251.654 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

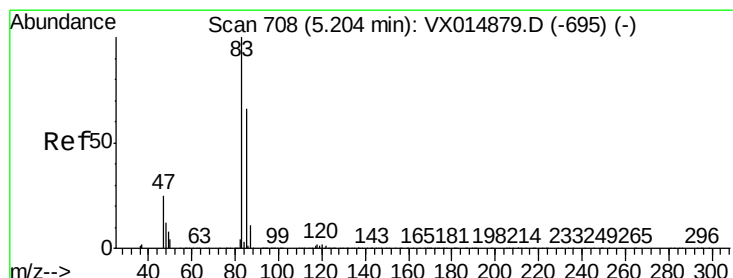
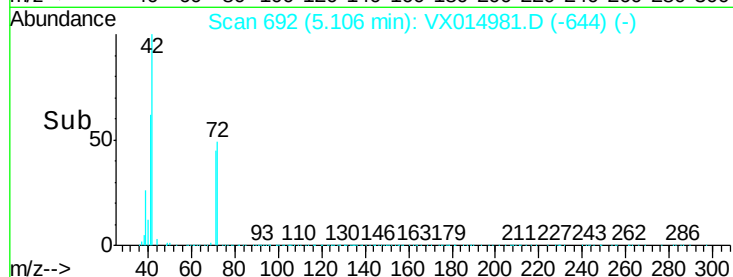
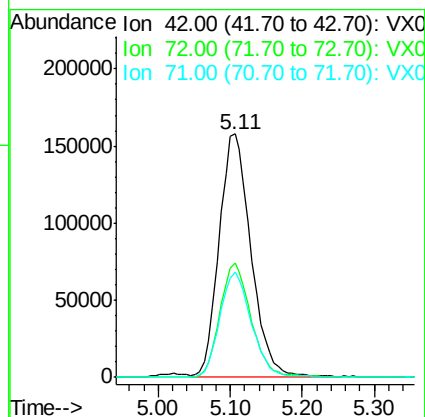
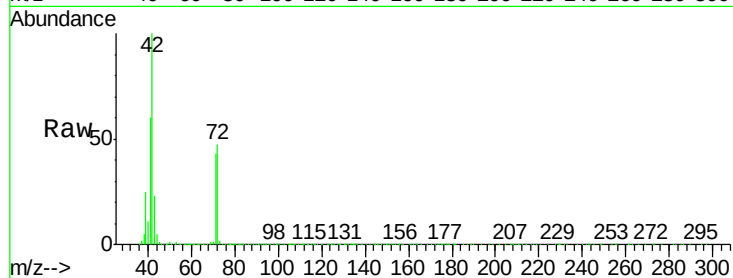
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	481346
Ion Ratio		Lower	Upper
42	100		
72	46.7	36.9	55.3
71	42.9	34.1	51.1

Manual Integrations
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2/21/2020 9:15:34 AM



#30

Chloroform

Concen: 50.088 ug/l

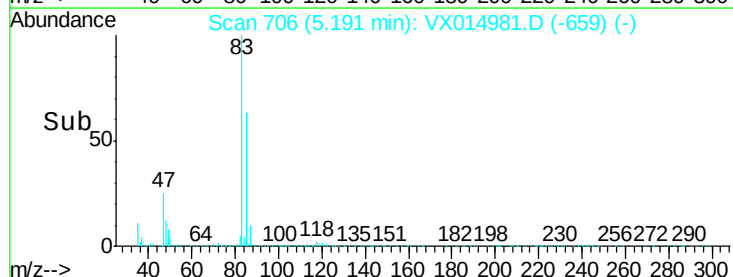
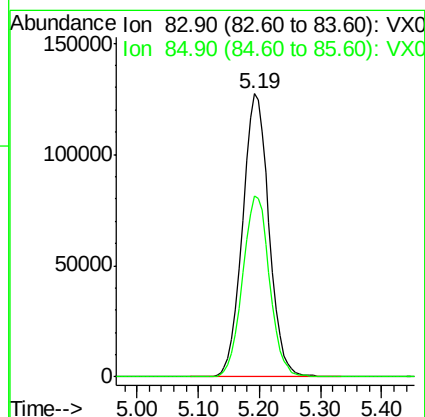
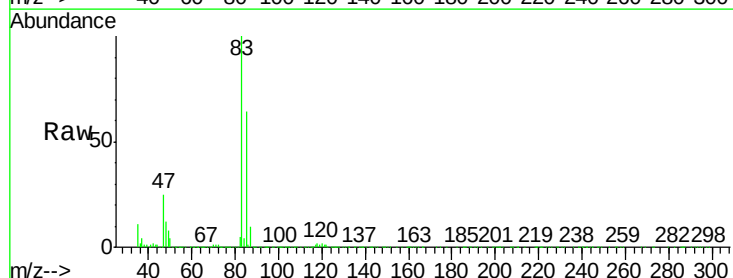
RT: 5.19 min Scan# 706

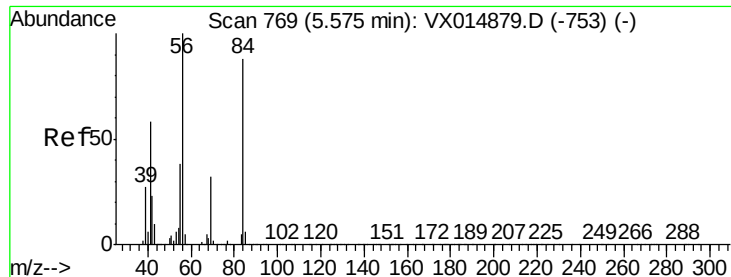
Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Tgt Ion:	83	Resp:	381217
Ion Ratio		Lower	Upper
83	100		
85	63.9	52.9	79.3





#31

Cyclohexane

Concen: 47.542 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

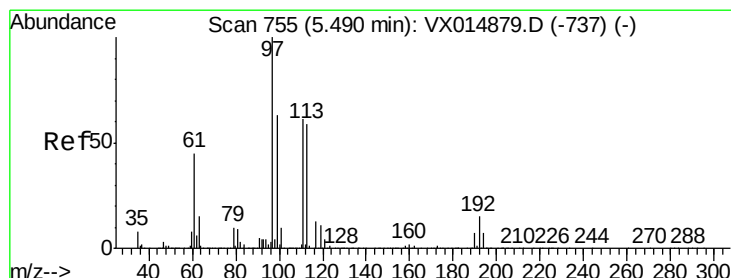
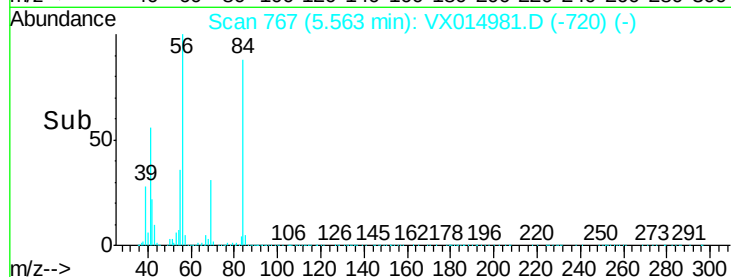
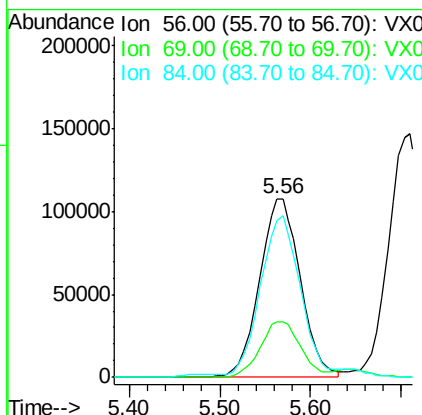
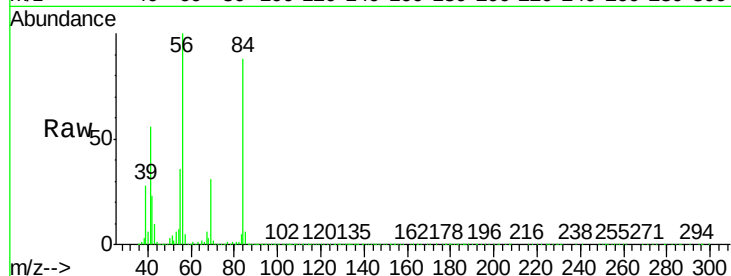
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	332174
Ion Ratio	Lower	Upper	
56	100		
69	31.0	25.9	38.9
84	86.7	70.4	105.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.676 ug/l

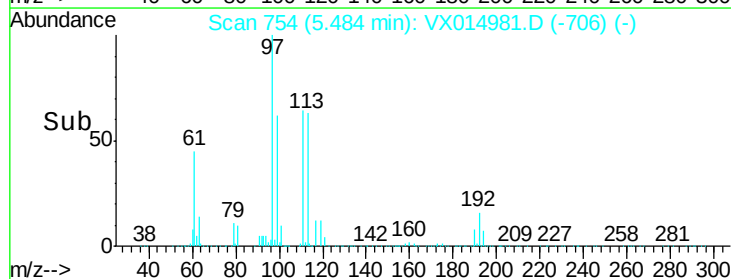
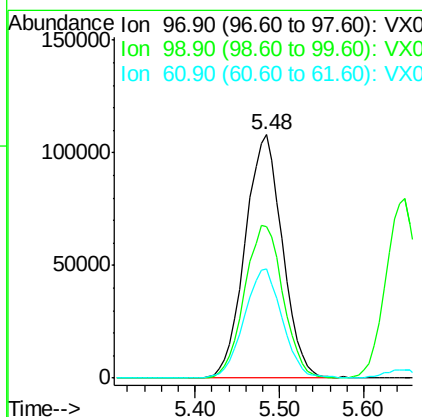
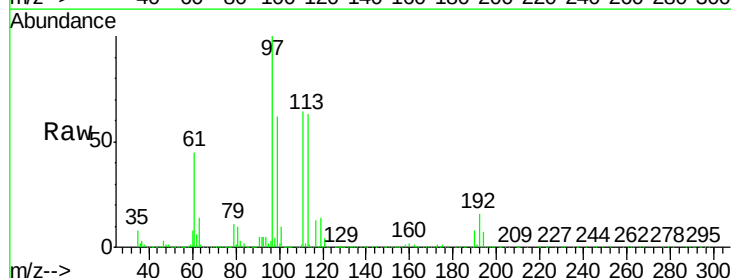
RT: 5.48 min Scan# 754

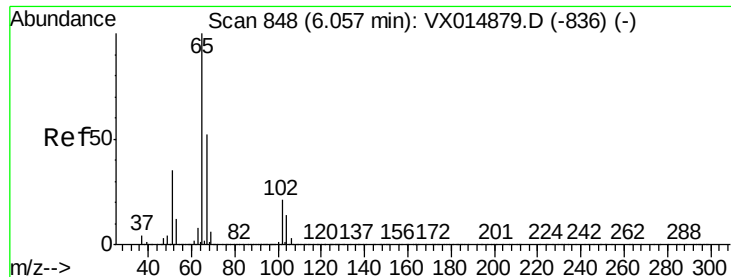
Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Tgt Ion:	97	Resp:	324073
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.0	76.6
61	45.5	36.3	54.5





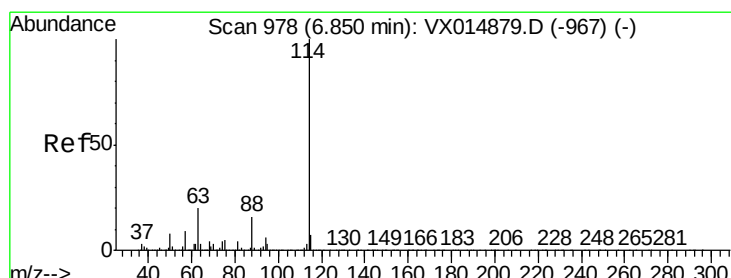
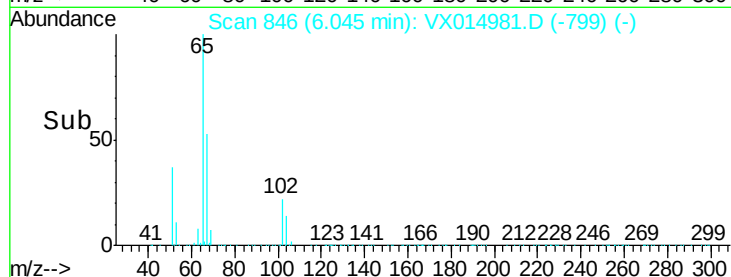
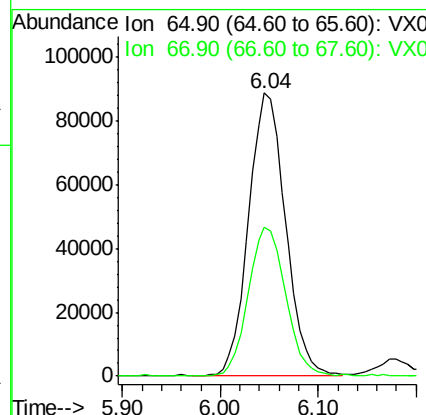
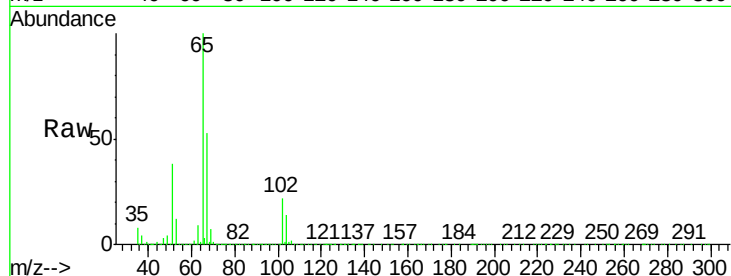
#33
 1,2-Dichloroethane-d4
 Concen: 47.316 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	233848		
67	52.8	0.0	103.0	

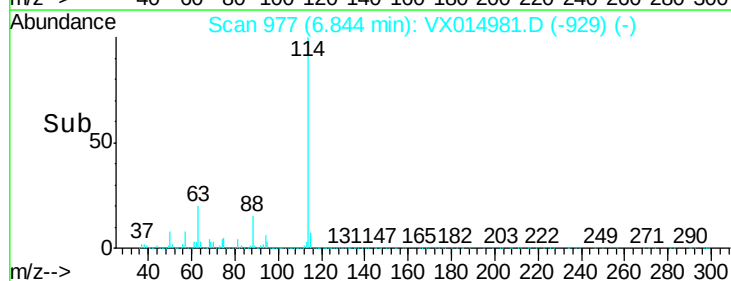
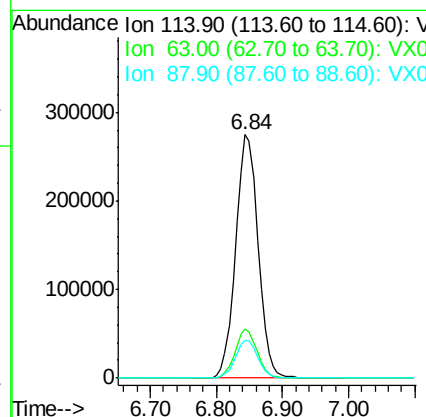
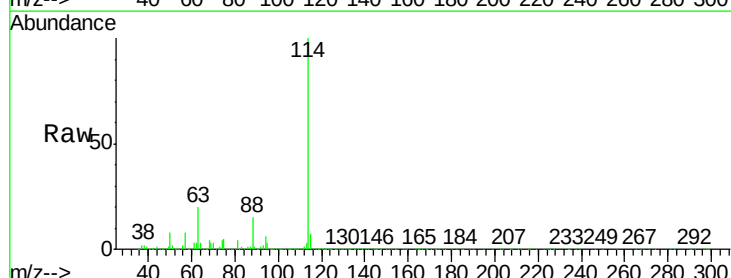
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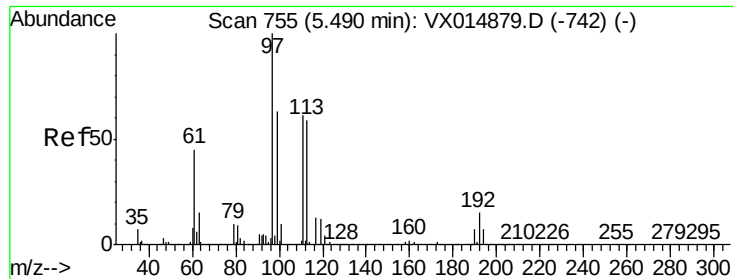
MMDadoda
 2/21/2020 9:15:34 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	646150		
63	19.9	0.0	39.2	
88	15.4	0.0	32.0	





#35

Dibromofluoromethane

Concen: 49.312 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

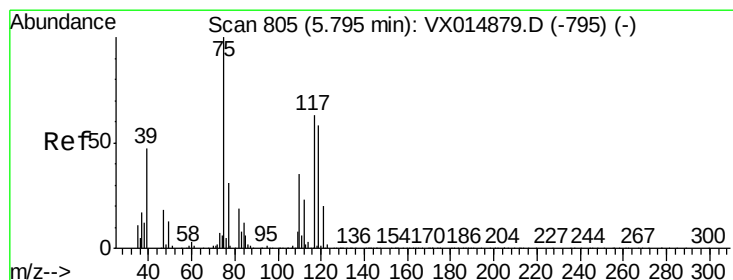
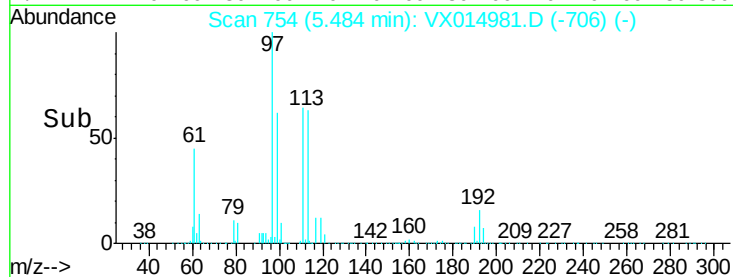
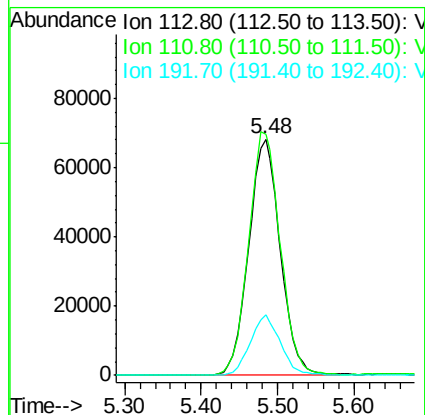
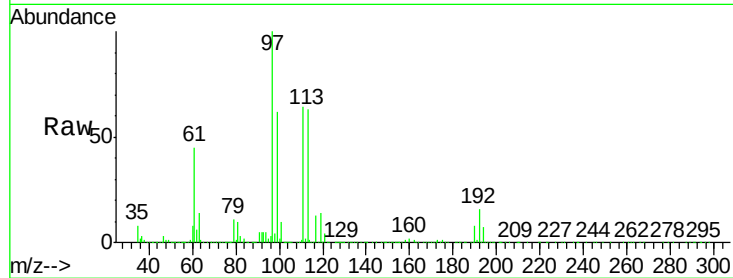
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	195886
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.4	123.6
192	24.5	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.275 ug/l

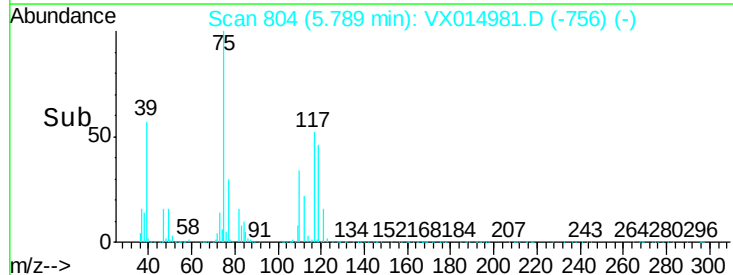
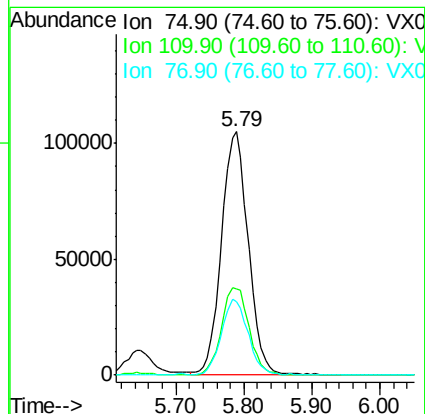
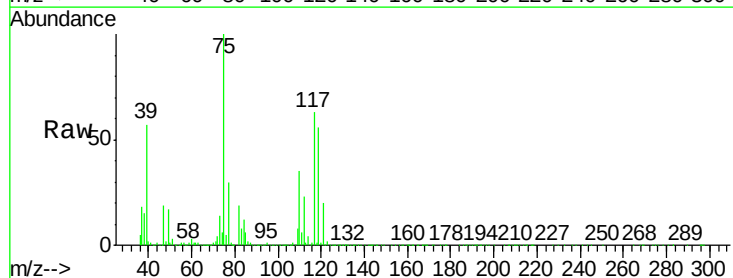
RT: 5.79 min Scan# 804

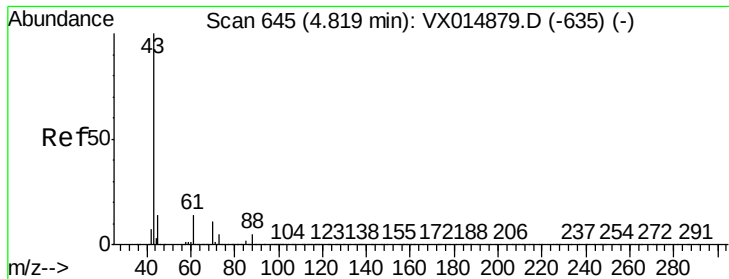
Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Tgt Ion:	75	Resp:	284809
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.3	54.8
77	30.4	24.6	36.8





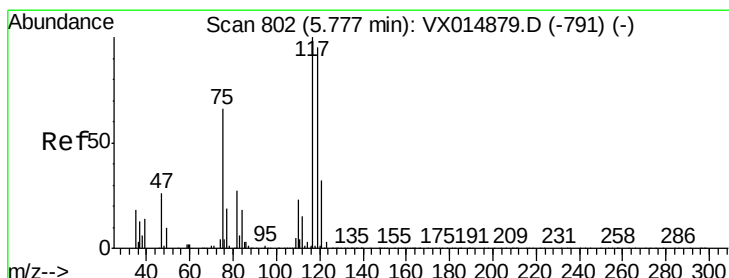
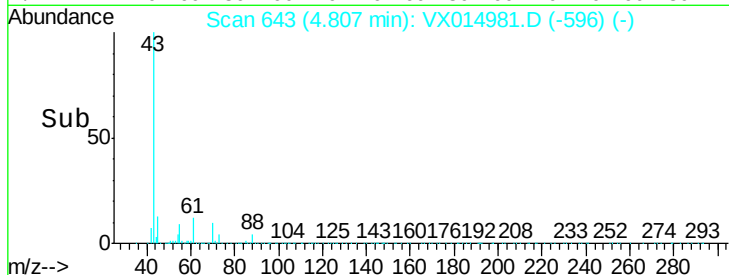
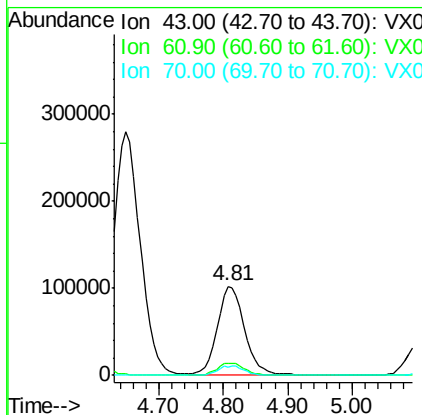
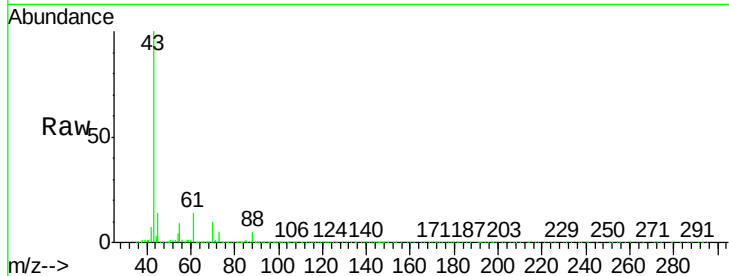
#37
Ethyl Acetate
Concen: 50.746 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

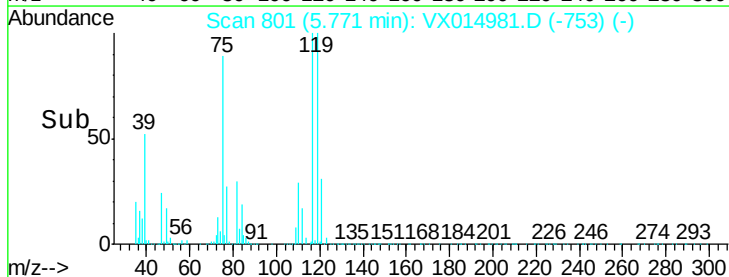
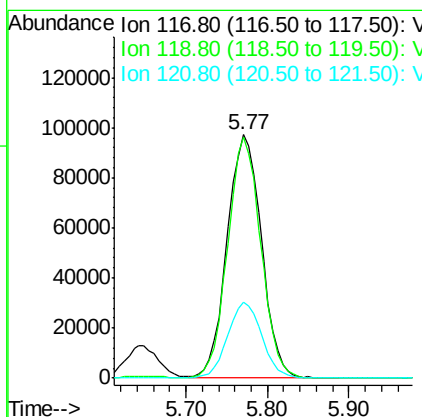
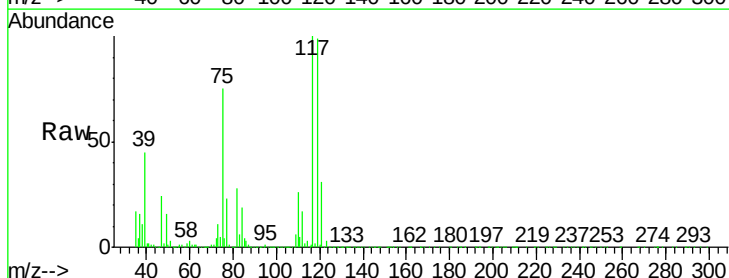
Manual Integrations
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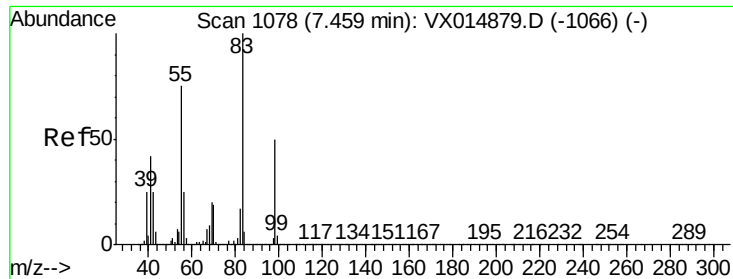
MMDadoda
2/21/2020 9:15:34 AM



#38
Carbon Tetrachloride
Concen: 50.047 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	76.0	114.0
121	30.8	25.4	38.2





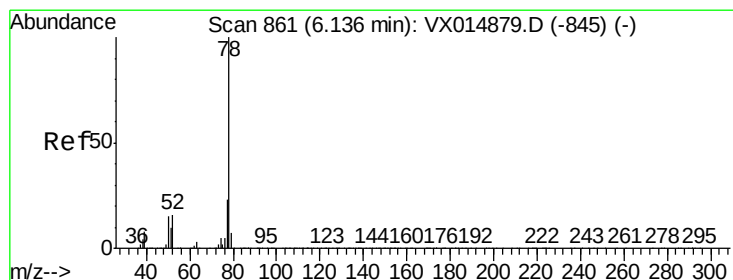
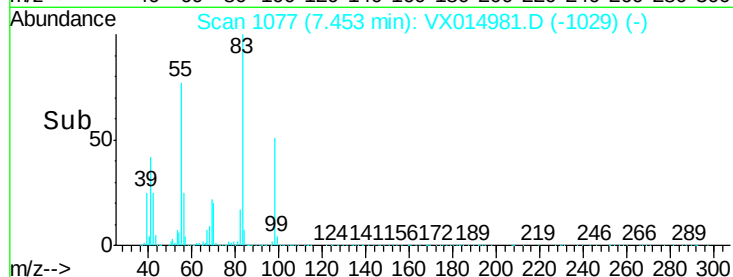
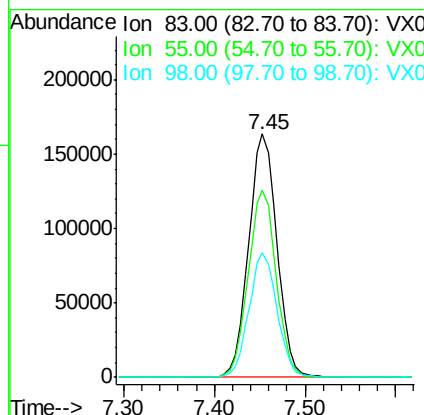
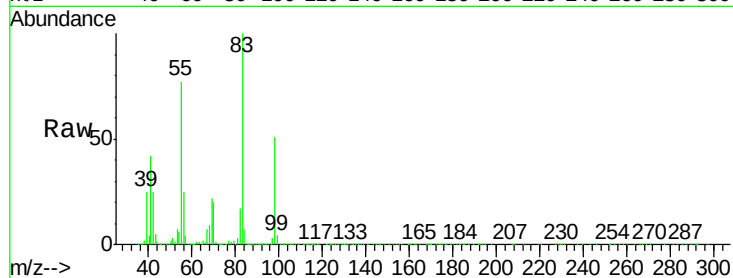
#39
Methylvlcyclohexane
Concen: 48.936 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	60.0	90.0
98	51.2	39.6	59.4

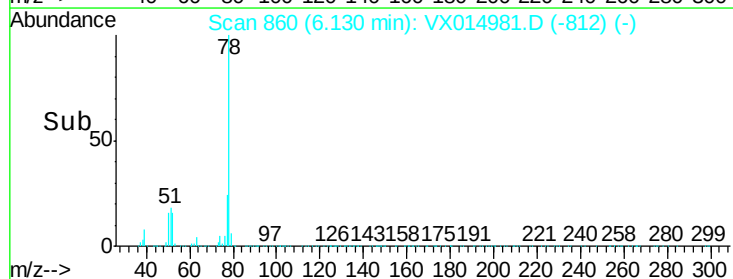
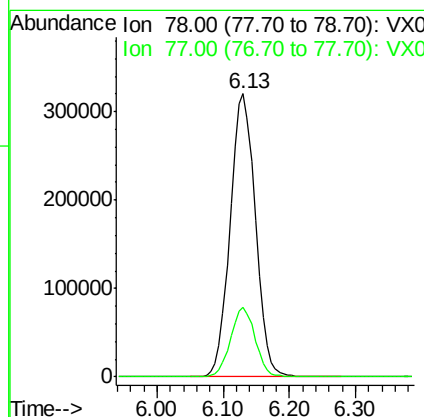
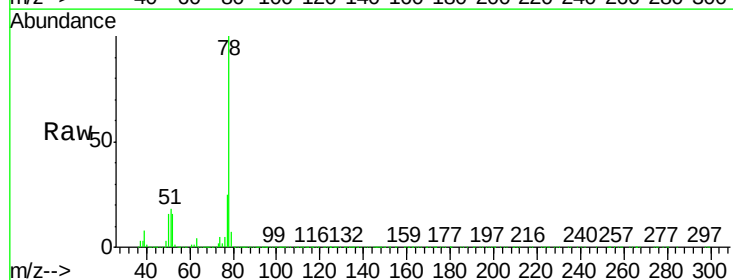
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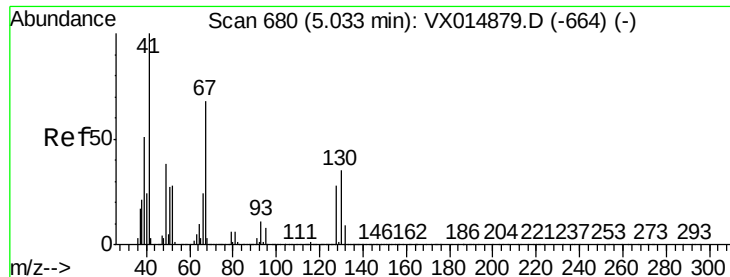
MMDadoda
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#40
Benzene
Concen: 49.034 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.8	28.2





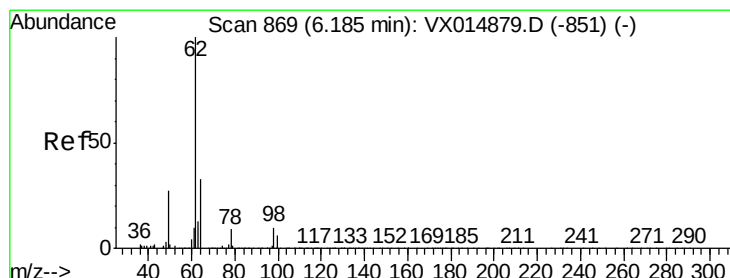
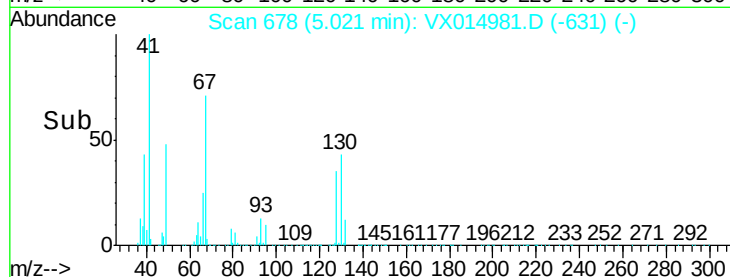
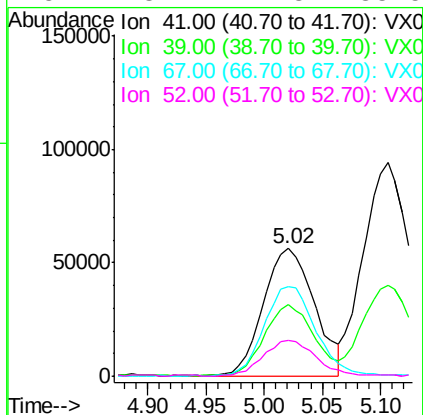
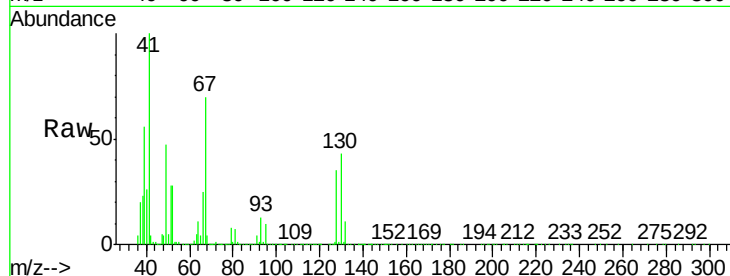
#41
Methacrylonitrile
Concen: 52.507 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.4	44.7	67.1
67	71.7	56.6	84.8
52	28.2	22.3	33.5

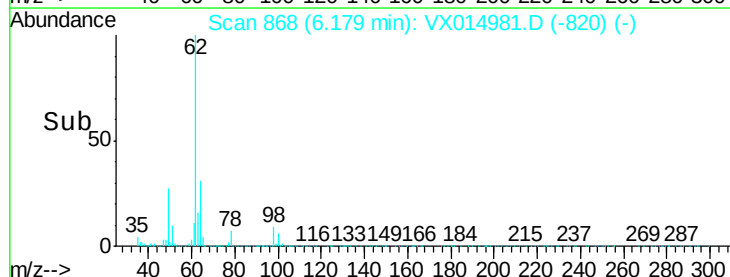
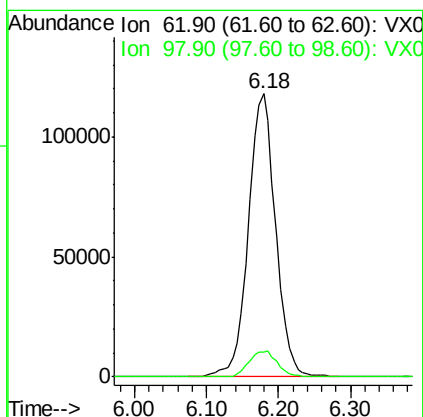
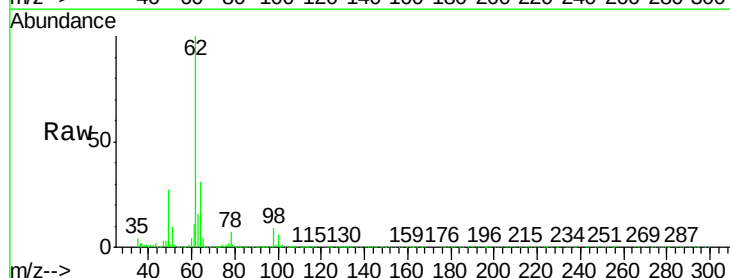
Manual Integrations
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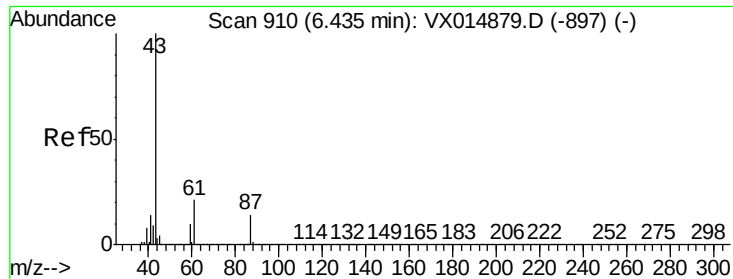
MMDadoda
2/21/2020 9:15:34 AM



#42
1,2-Dichloroethane
Concen: 49.385 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2





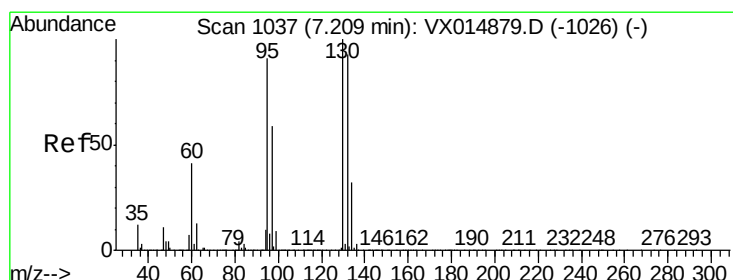
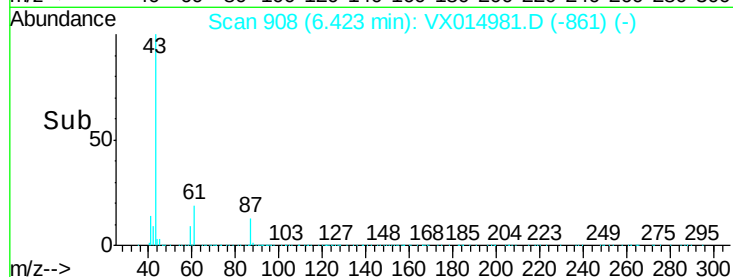
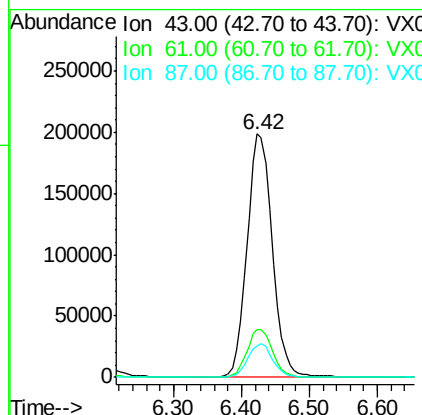
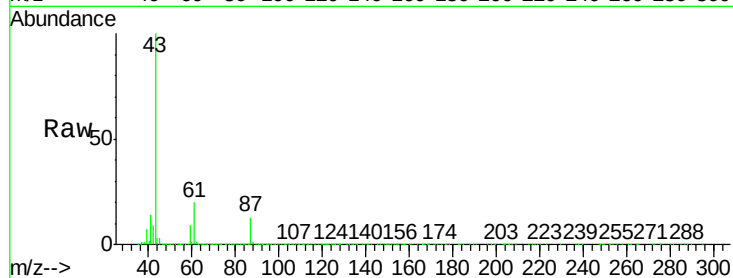
#43
Isopropyl Acetate
Concen: 51.334 ug/l
RT: 6.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	510499
Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.4
87	13.6	11.0	16.6

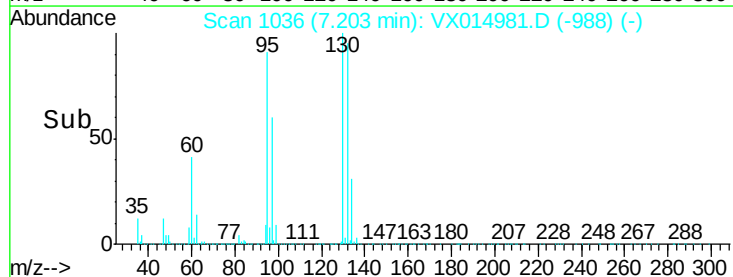
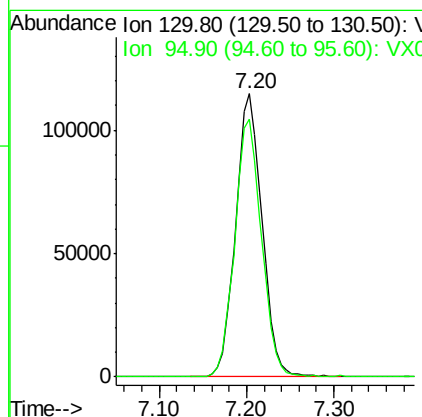
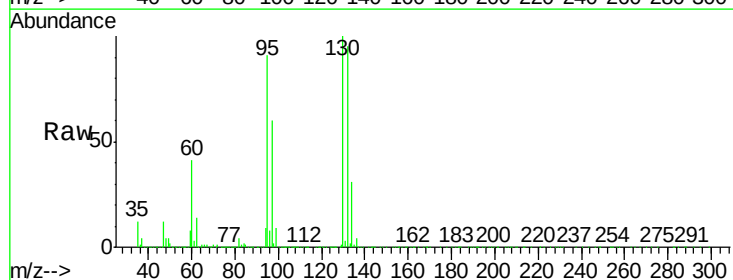
Manual Integrations
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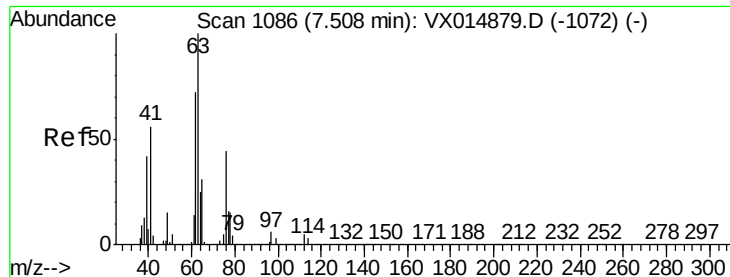
MMDadoda
2/21/2020 9:15:34 AM



#44
Trichloroethene
Concen: 48.321 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion:	130	Resp:	242251
Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	182.6





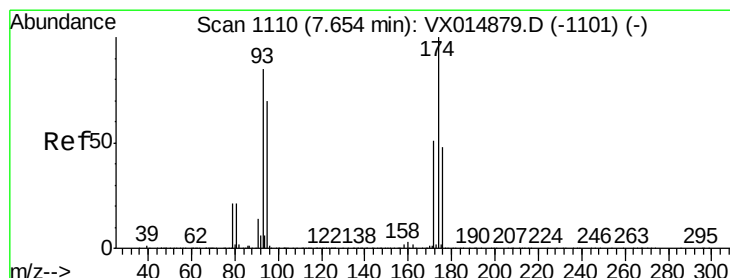
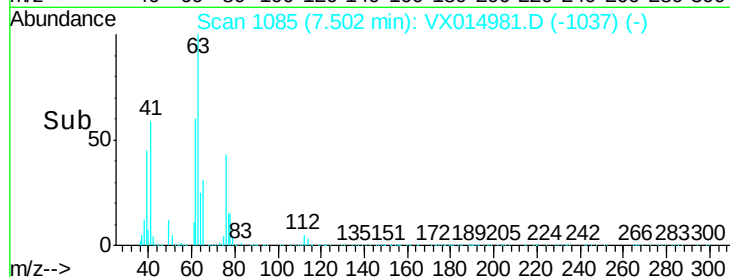
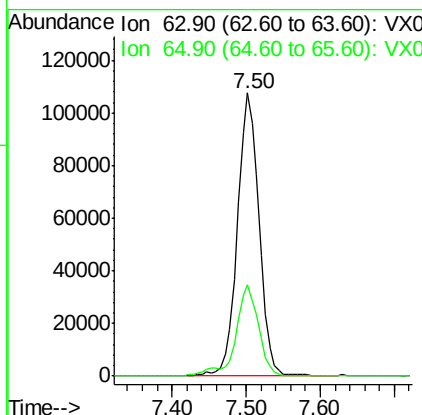
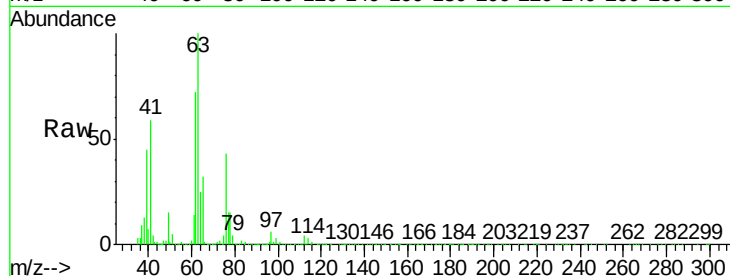
#45
 1,2-Dichloropropane
 Concen: 50.106 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.9	37.3

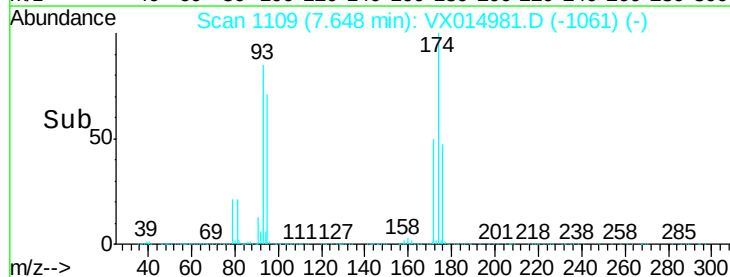
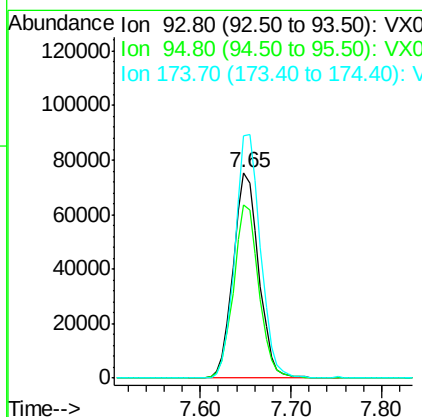
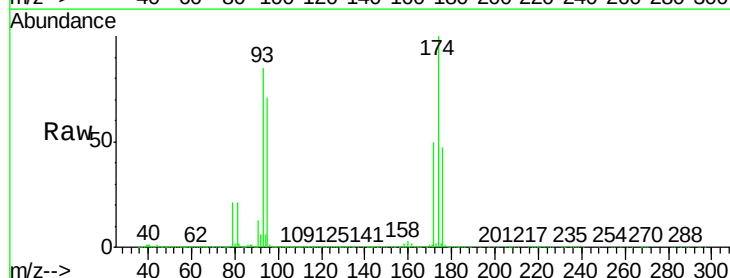
Manual Integrations
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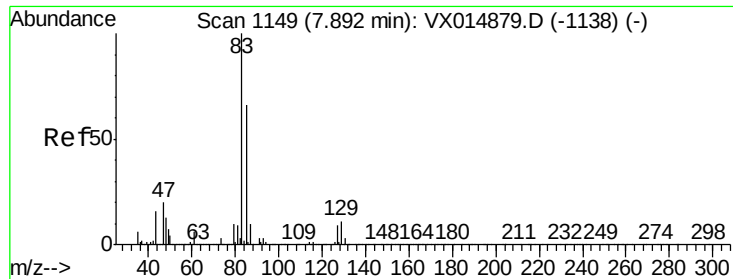
MMDadoda
 2/21/2020 9:15:34 AM



#46
 Dibromomethane
 Concen: 48.750 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.8	98.8
174	118.9	95.4	143.2





#47

Bromodichloromethane

Concen: 49.967 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

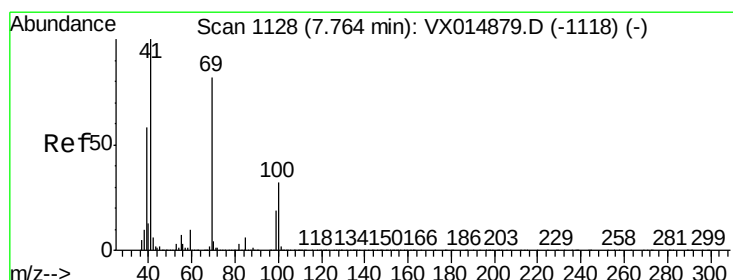
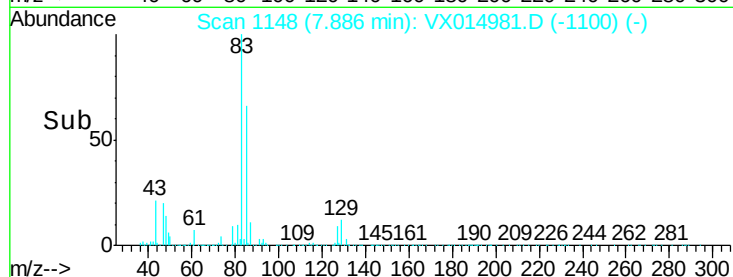
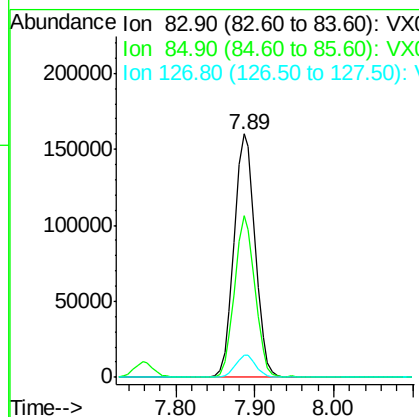
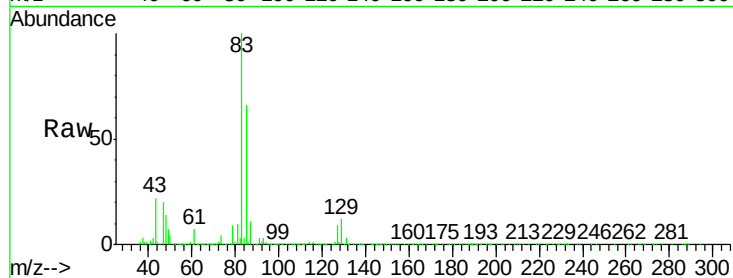
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	298271
Ion Ratio	Lower	Upper	
83	100		
85	66.2	52.5	78.7
127	8.9	7.4	11.0

Manual Integrations
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MMDadoda
2/21/2020 9:15:34 AM



#48

Methyl methacrylate

Concen: 51.521 ug/l

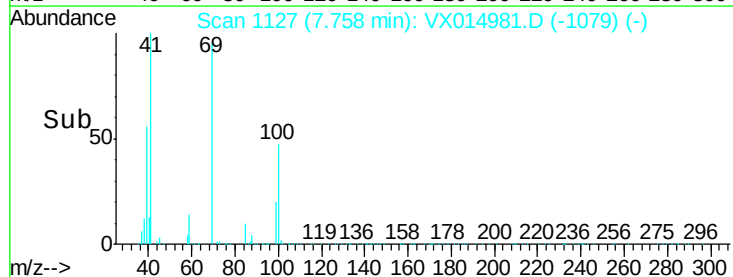
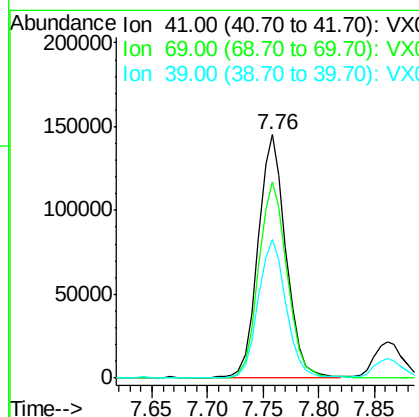
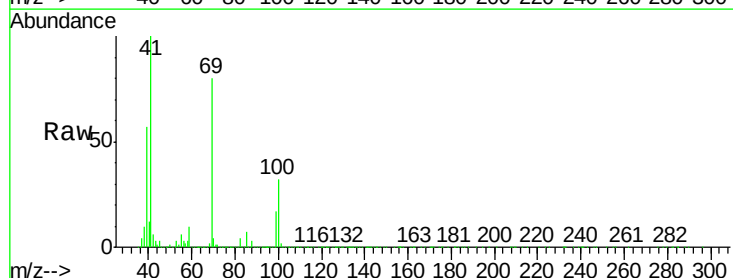
RT: 7.76 min Scan# 1127

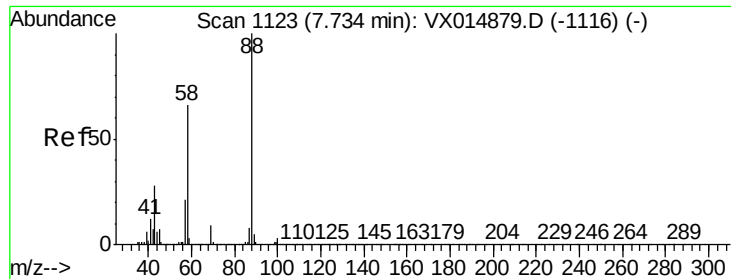
Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Tgt Ion:	41	Resp:	252149
Ion Ratio	Lower	Upper	
41	100		
69	82.7	65.7	98.5
39	57.3	45.8	68.8





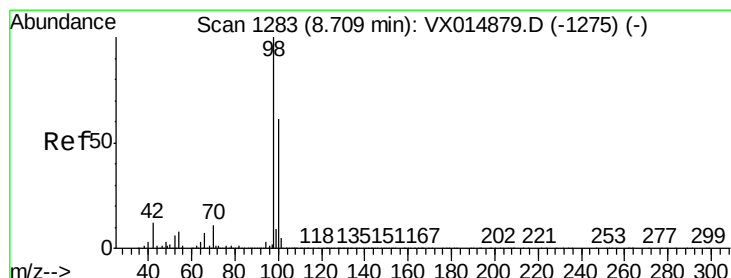
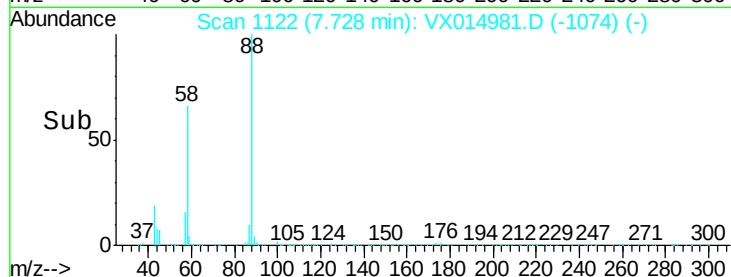
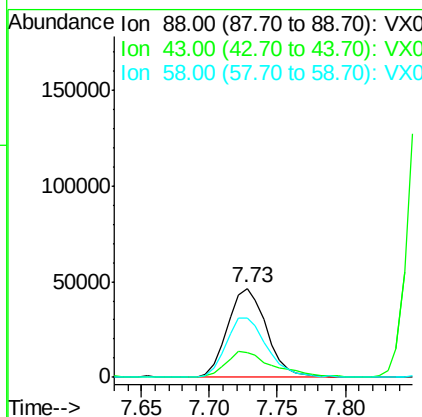
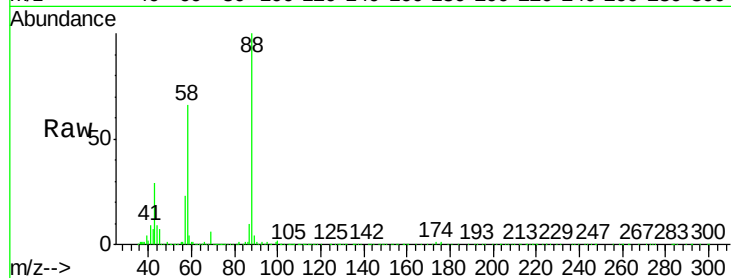
#49
1,4-Dioxane
Concen: 1004.930 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.0	40.4
58	69.7	53.2	79.8

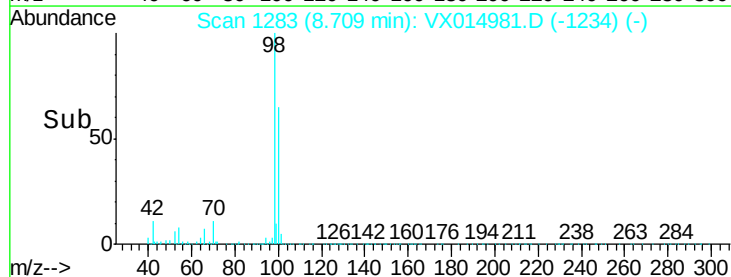
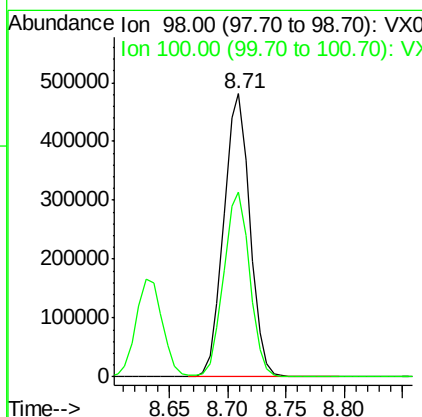
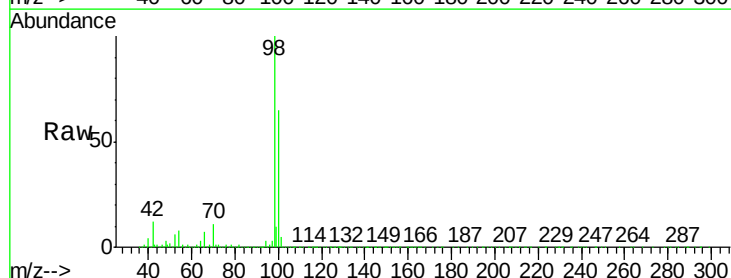
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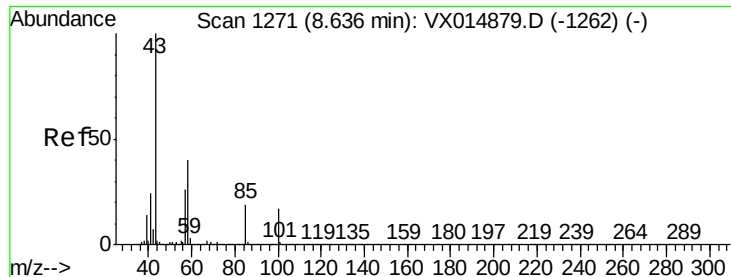
MMDadoda
2/21/2020 9:15:34 AM



#50
Toluene-d8
Concen: 49.180 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 256.778 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1541911

Ion Ratio Lower Upper

43 100

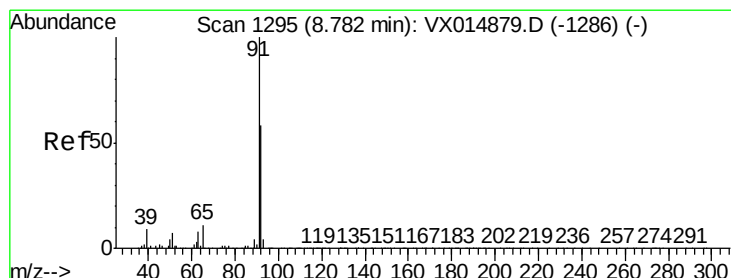
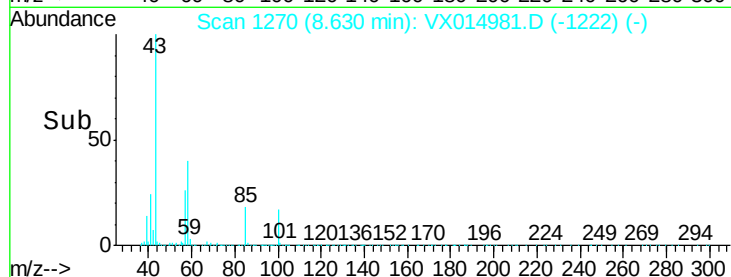
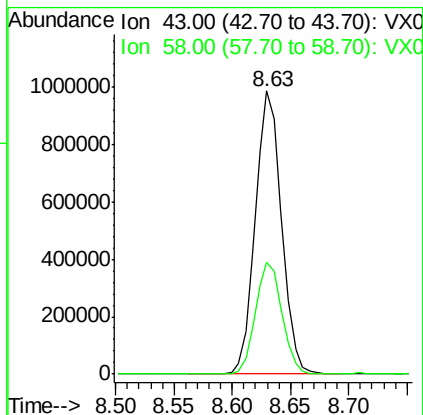
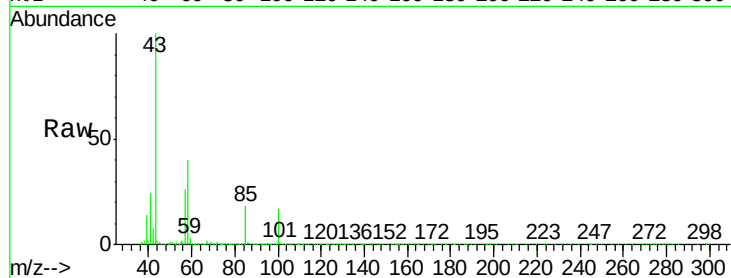
58 39.9 31.9 47.9

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 49.691 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014981.D

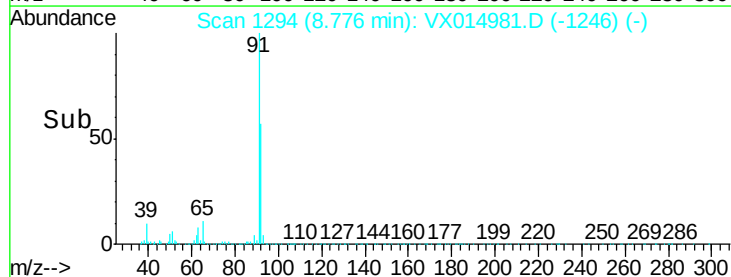
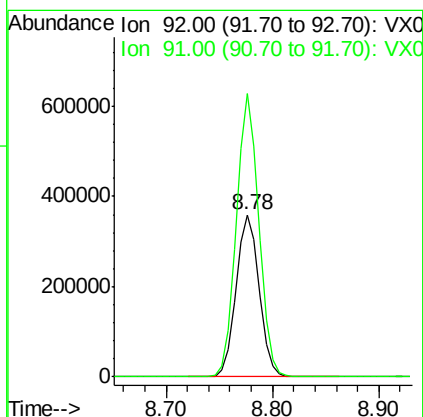
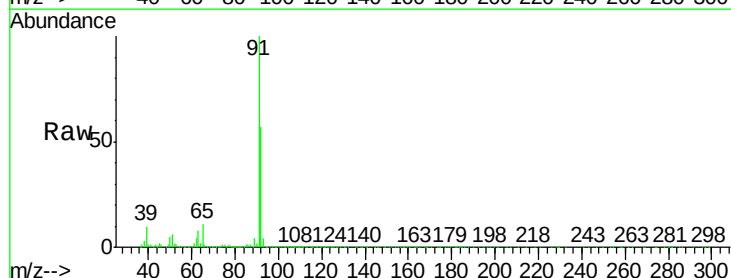
Acq: 20 Feb 2020 16:50

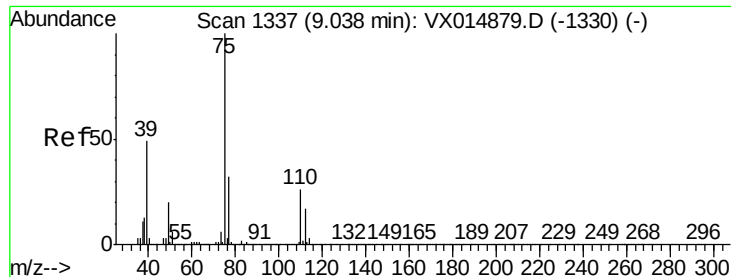
Tgt Ion: 92 Resp: 545043

Ion Ratio Lower Upper

92 100

91 171.1 137.0 205.4





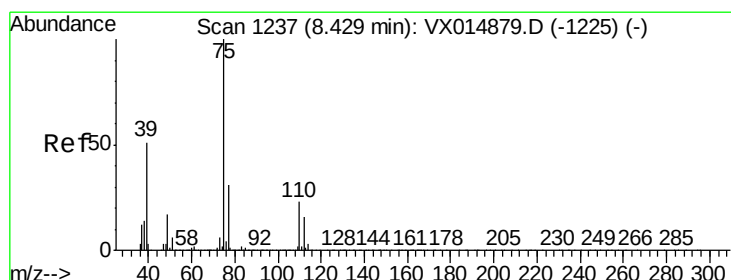
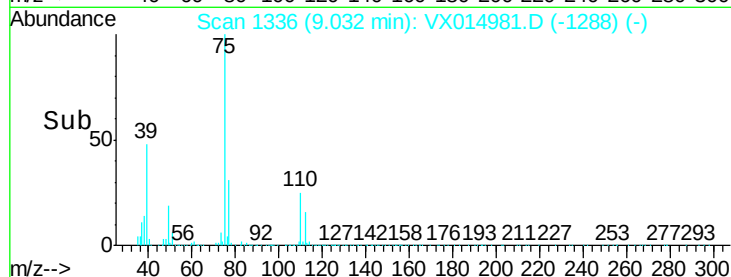
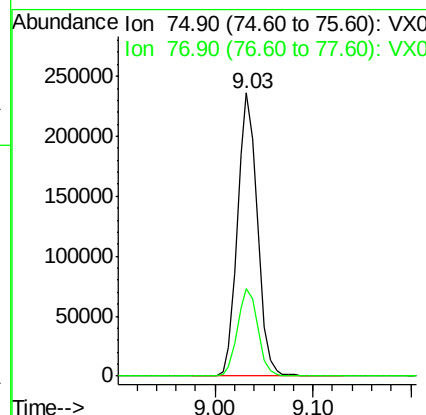
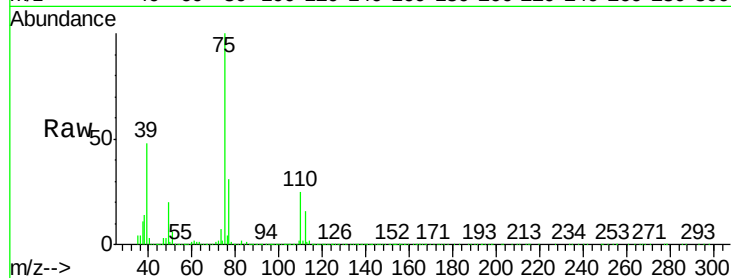
#53
t-1,3-Dichloropropene
Concen: 50.817 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.5	38.3

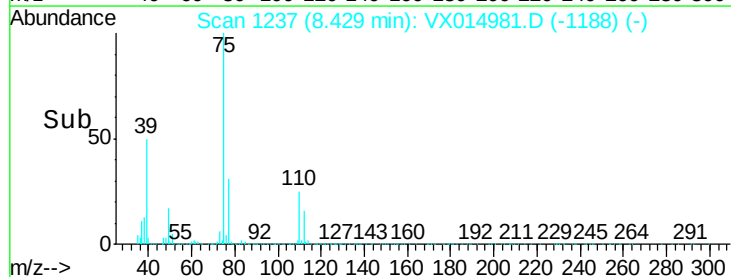
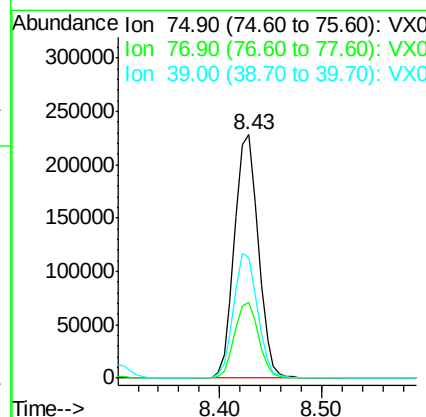
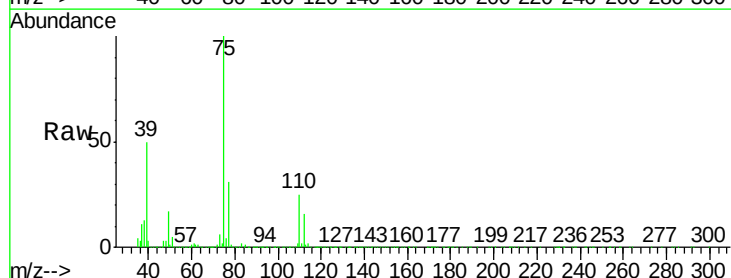
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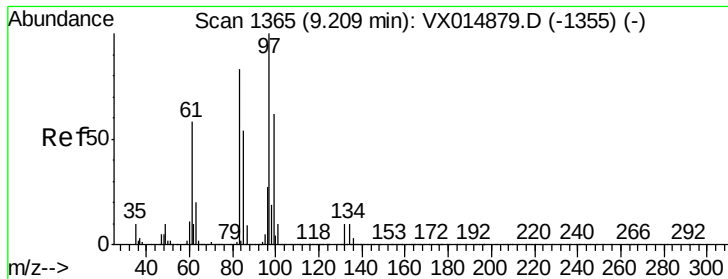
MMDadoda
2/21/2020 9:15:34 AM



#54
cis-1,3-Dichloropropene
Concen: 50.811 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	37.0
39	49.7	40.9	61.3





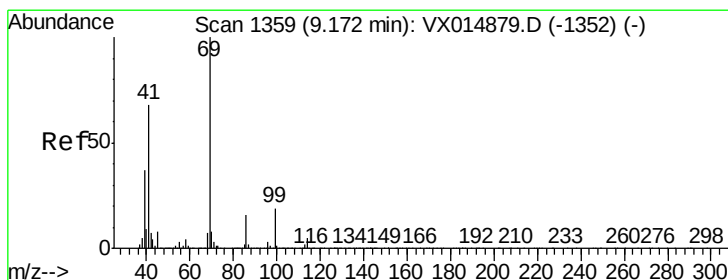
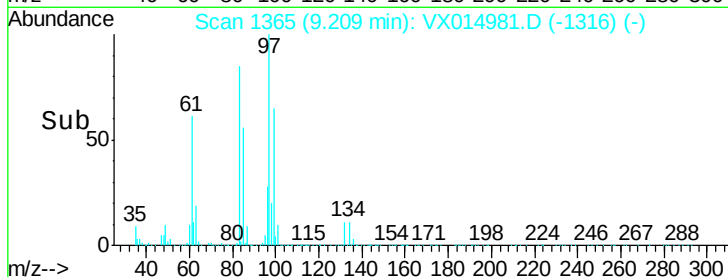
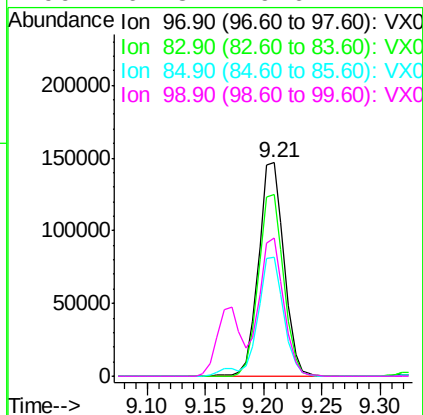
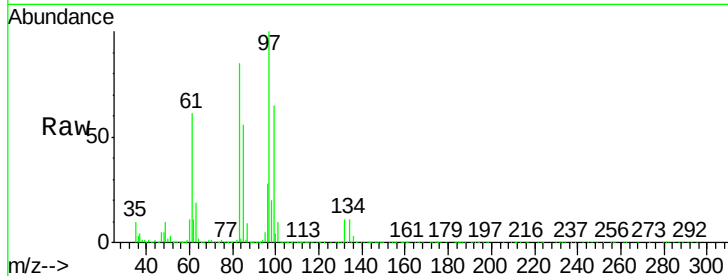
#55
 1,1,2-Trichloroethane
 Concen: 50.165 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		222619		
83	84.8	66.6	99.8		
85	55.6	43.5	65.3		
99	64.8	49.6	74.4		

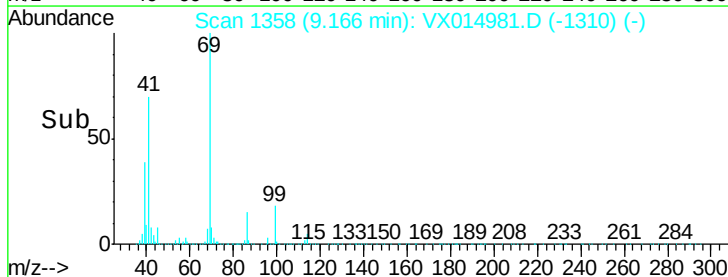
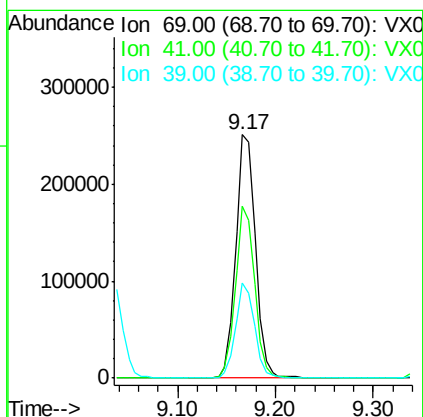
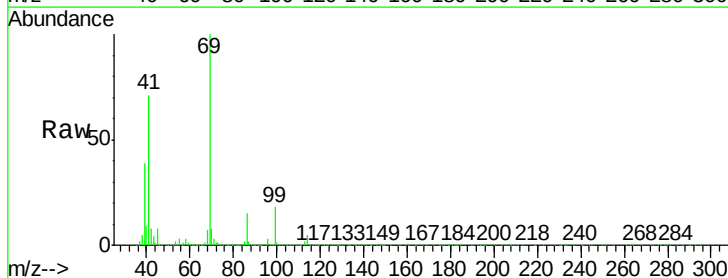
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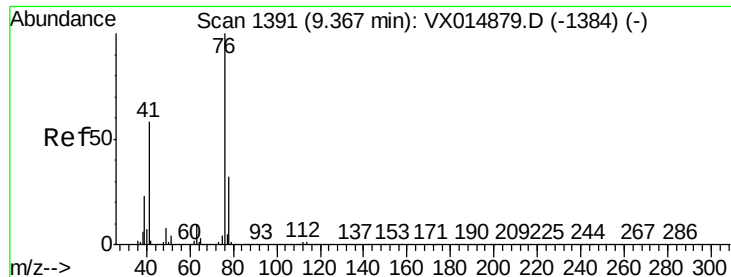
MMDadoda
 2/21/2020 9:15:34 AM



#56
 Ethyl methacrylate
 Concen: 52.423 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		349675		
41	69.2	54.8	82.2		
39	37.6	29.9	44.9		





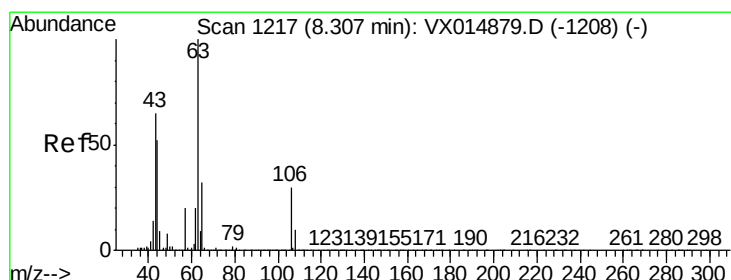
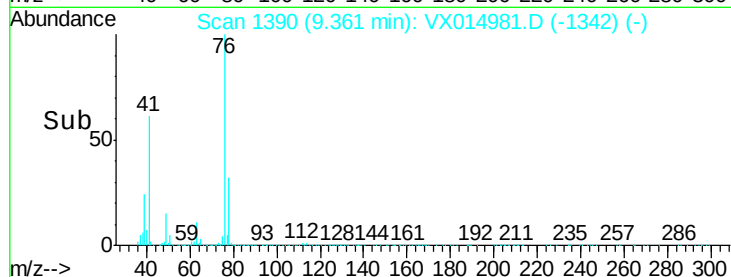
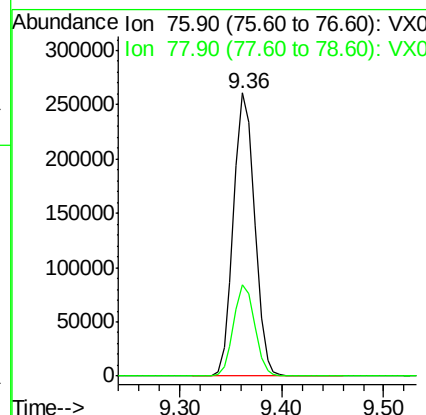
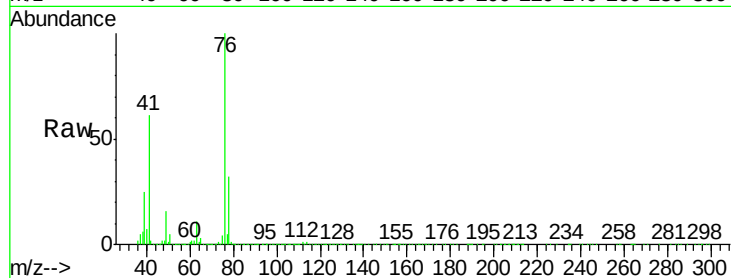
#57
 1,3-Dichloropropane
 Concen: 50.057 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8

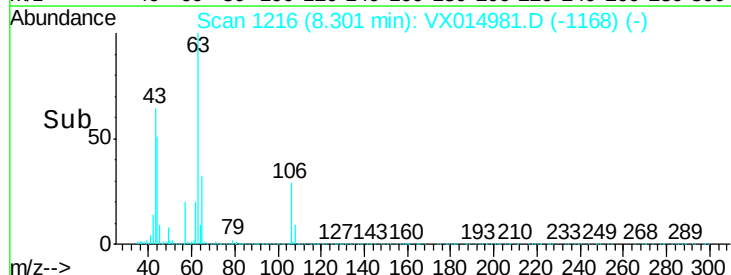
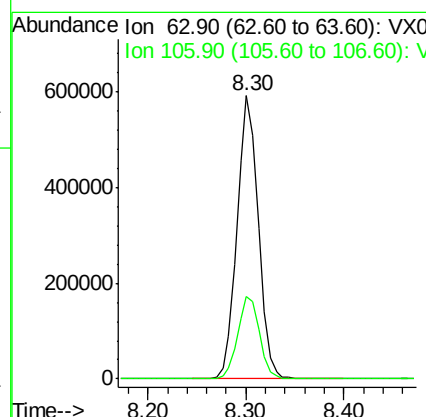
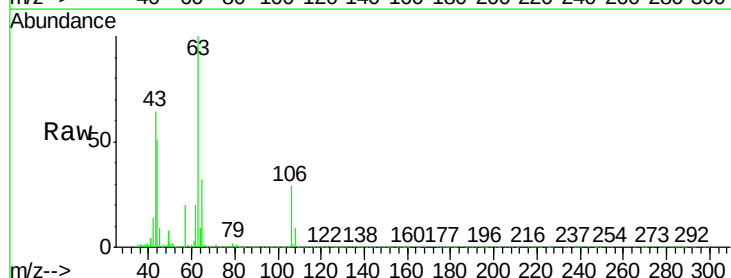
Manual Integrations
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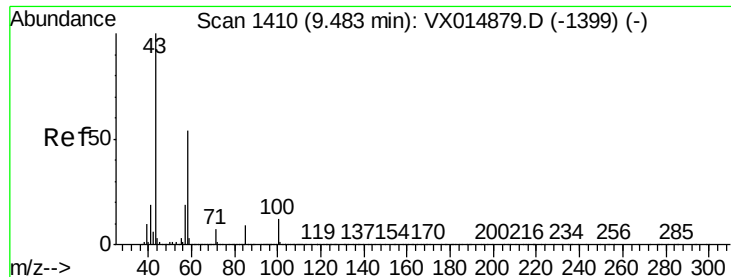
MMDadoda
 2/21/2020 9:15:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.644 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.8	35.8





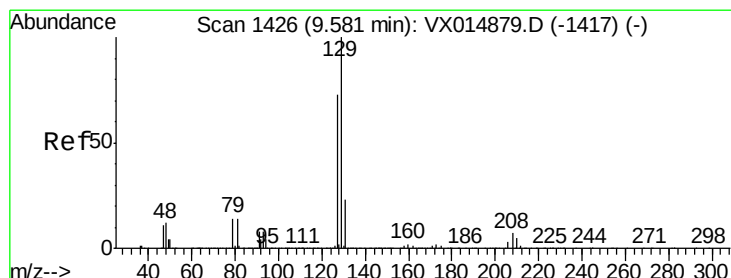
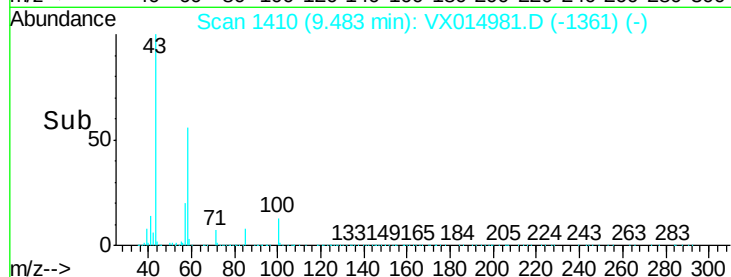
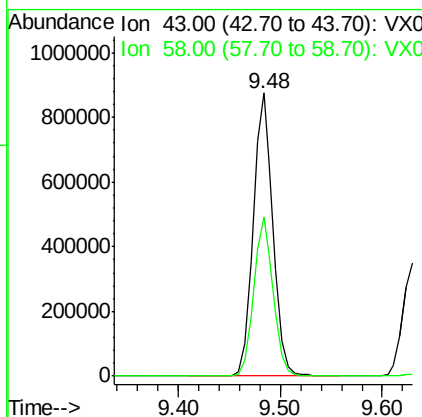
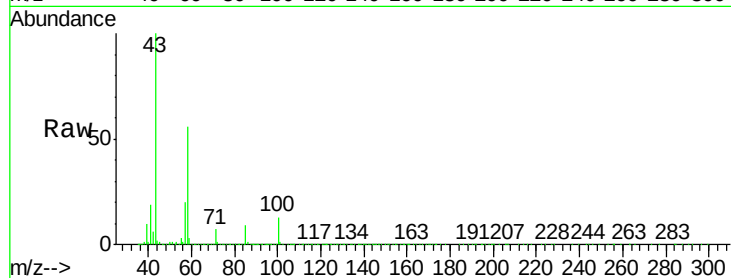
#59
2-Hexanone
Concen: 250.304 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1181406
Ion Ratio Lower Upper
43 100
58 55.7 27.5 82.5

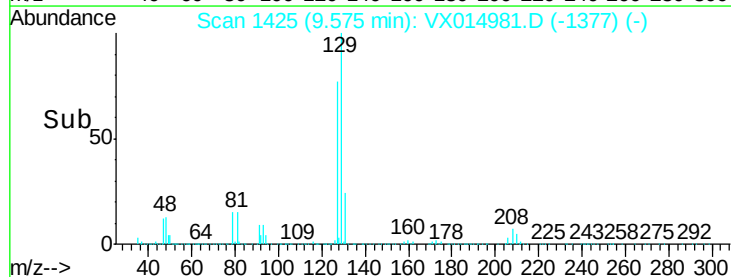
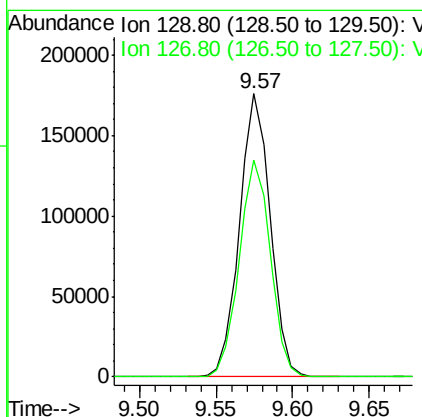
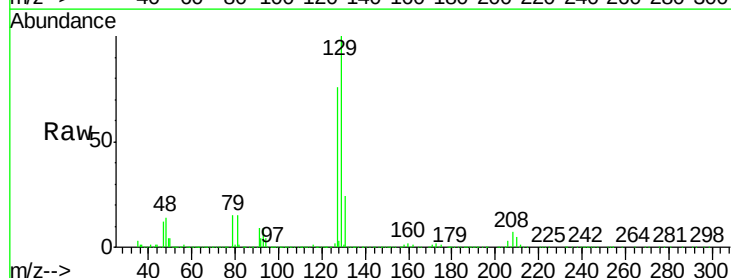
Manual Integrations
APPROVED

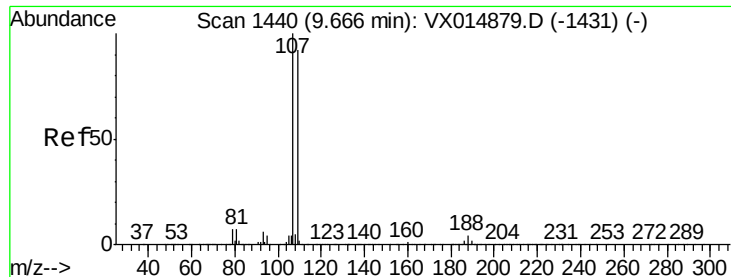
MMDadoda
2/21/2020 9:15:34 AM



#60
Dibromochloromethane
Concen: 51.254 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion: 129 Resp: 244773
Ion Ratio Lower Upper
129 100
127 77.7 37.8 113.3





#61

1,2-Dibromoethane

Concen: 49.571 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 237354

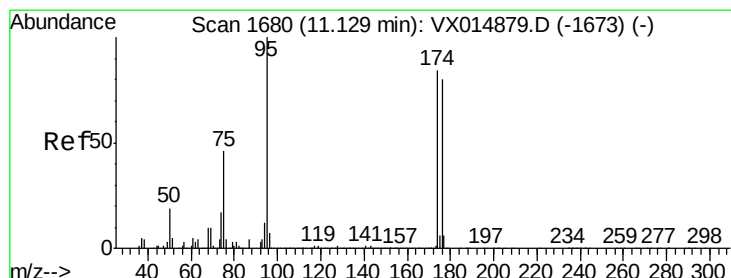
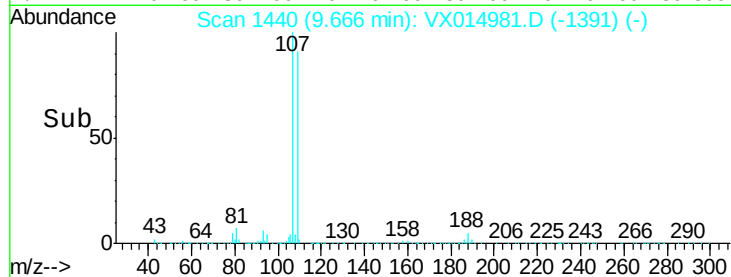
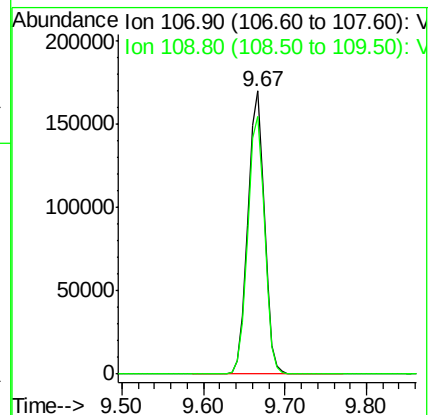
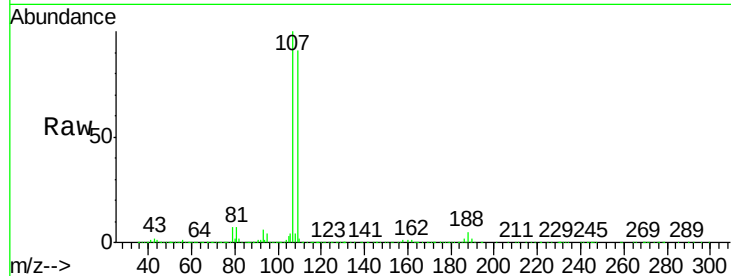
Ion Ratio Lower Upper

107 100

109 93.0 75.6 113.4

Manual Integrations
APPROVED

MMDadoda
2/21/2020 9:15:34 AM



#62

4-Bromofluorobenzene

Concen: 49.922 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

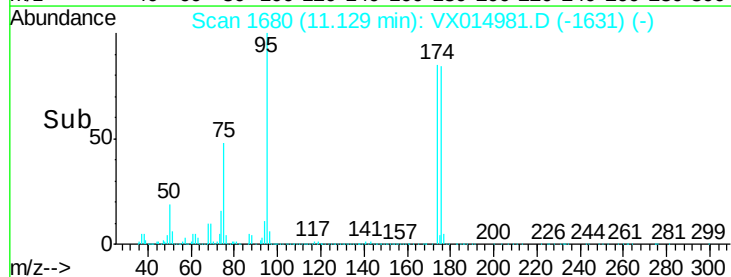
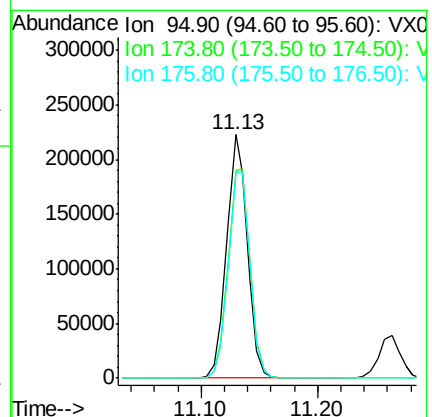
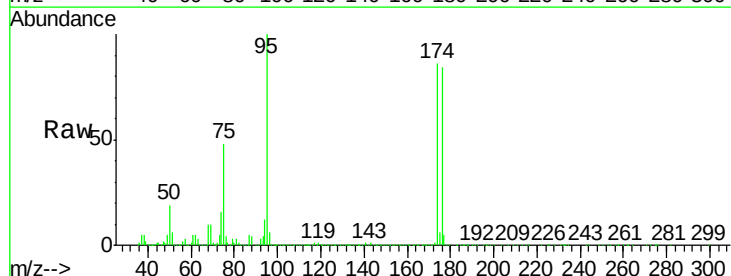
Tgt Ion: 95 Resp: 272683

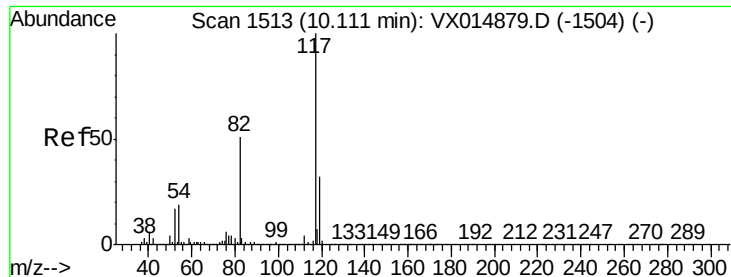
Ion Ratio Lower Upper

95 100

174 91.2 0.0 183.0

176 89.0 0.0 178.0





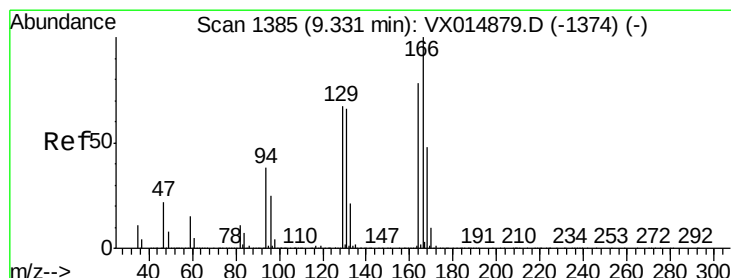
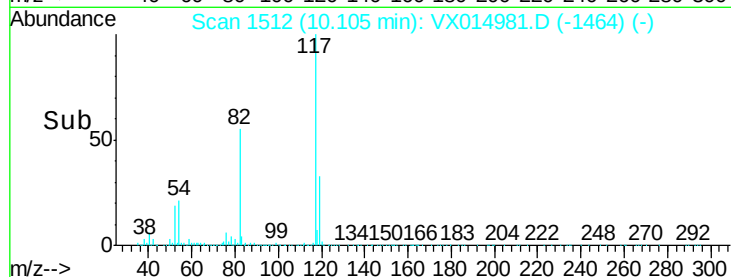
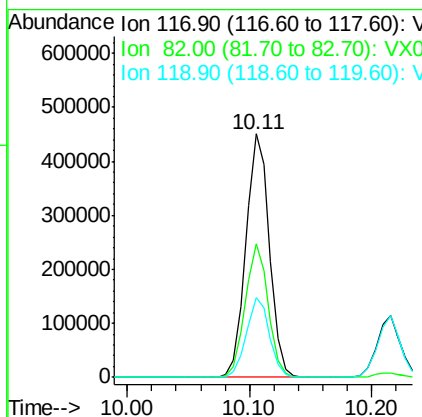
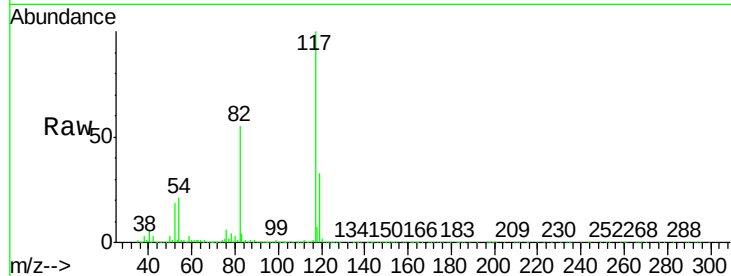
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	599822		
82	54.6		40.5	60.7
119	32.6		25.8	38.6

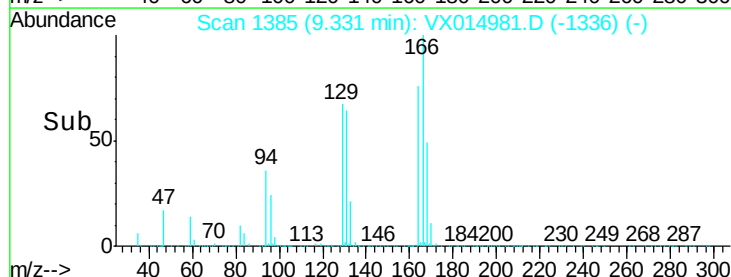
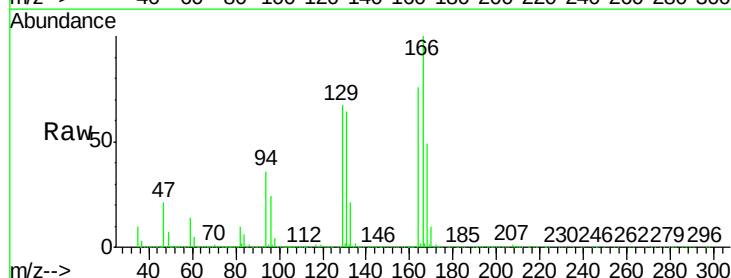
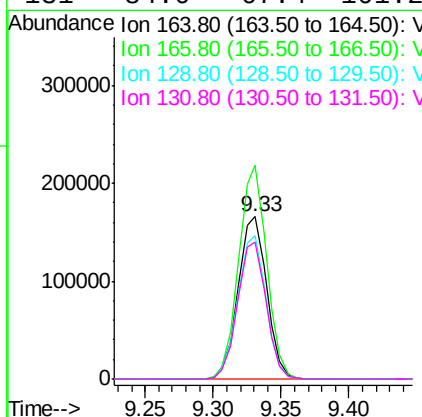
Manual Integrations
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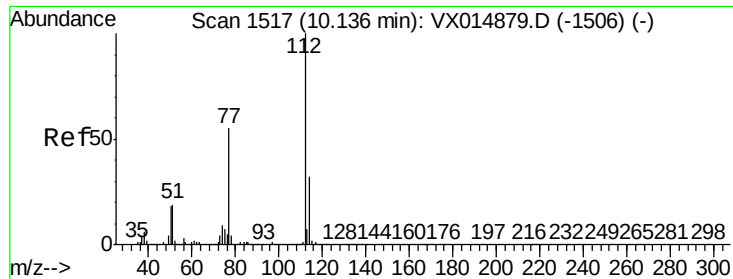
MMDadoda
2/21/2020 9:15:34 AM



#64
Tetrachloroethene
Concen: 43.505 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	243981		
166	131.4		102.6	153.8
129	88.4		68.3	102.5
131	84.0		67.4	101.2





#65

Chlorobenzene

Concen: 48.974 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 595820

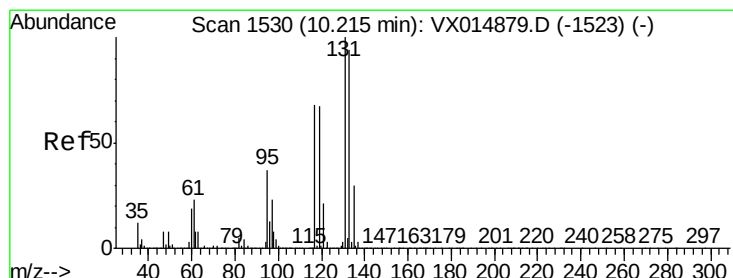
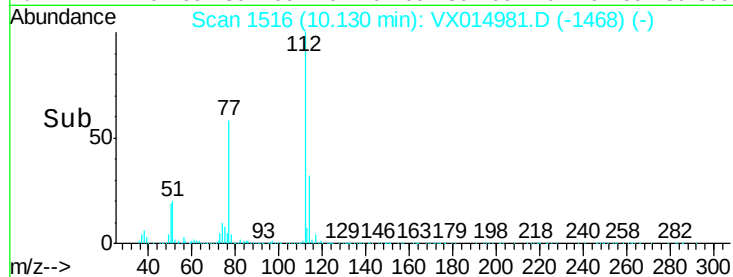
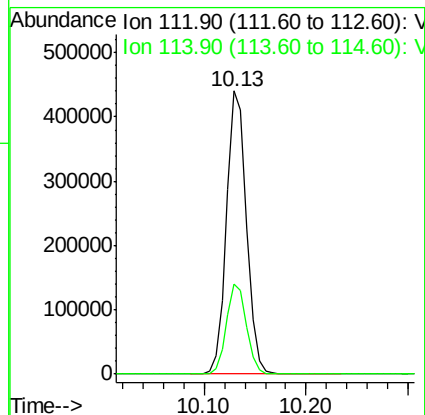
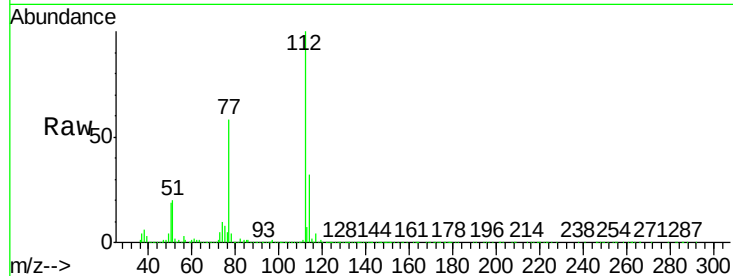
Ion Ratio Lower Upper

112 100

114 31.9 25.6 38.4

Manual Integrations
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MMDadoda
2/21/2020 9:15:34 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 51.330 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

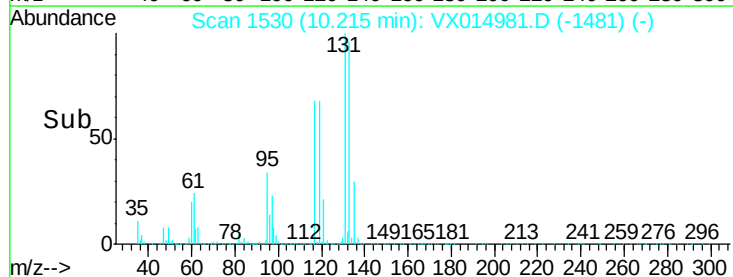
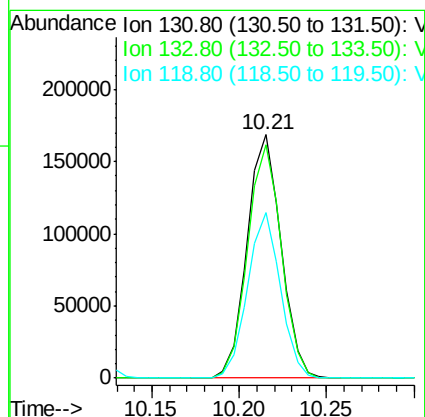
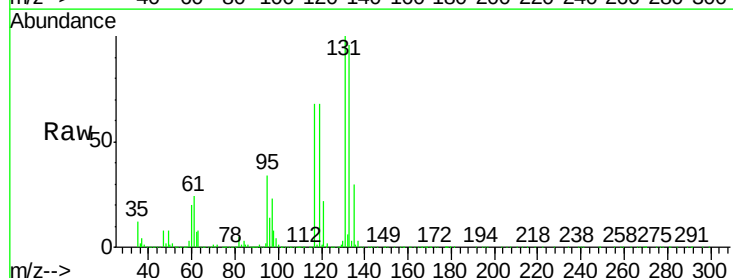
Tgt Ion:131 Resp: 226714

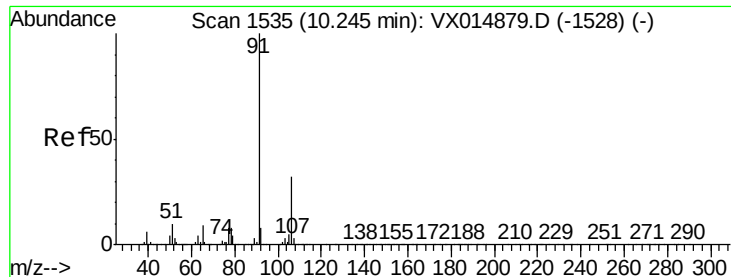
Ion Ratio Lower Upper

131 100

133 96.1 48.1 144.4

119 66.3 33.0 99.0





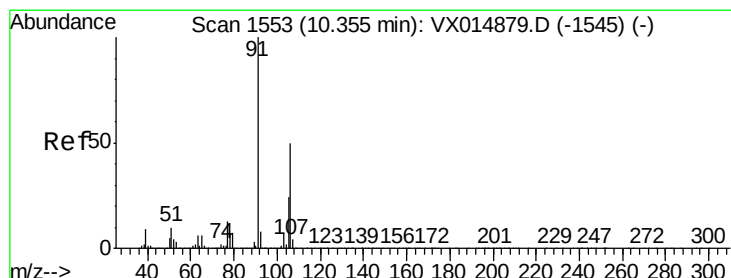
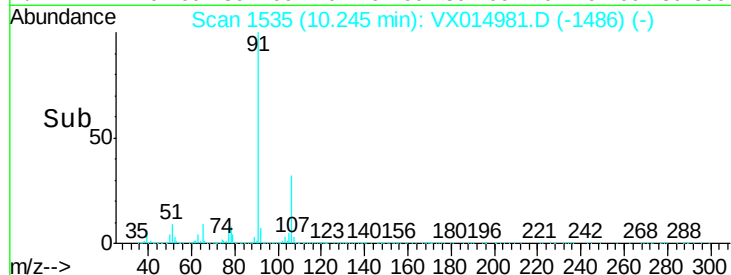
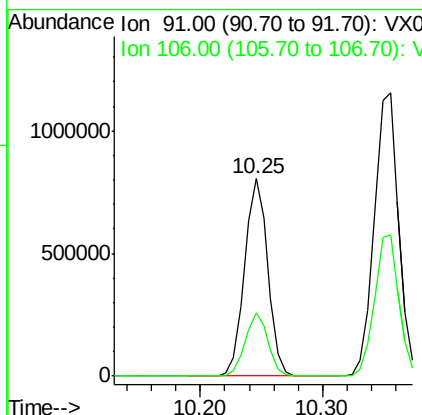
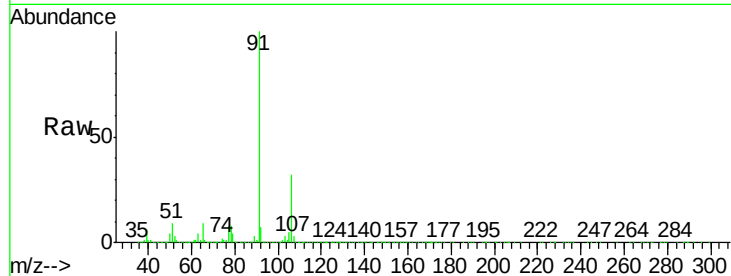
#67
Ethyl Benzene
Concen: 50.962 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1054427
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9

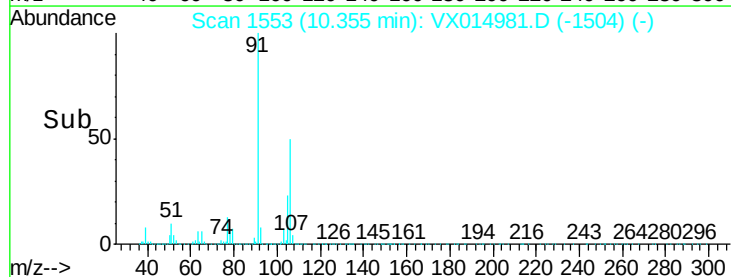
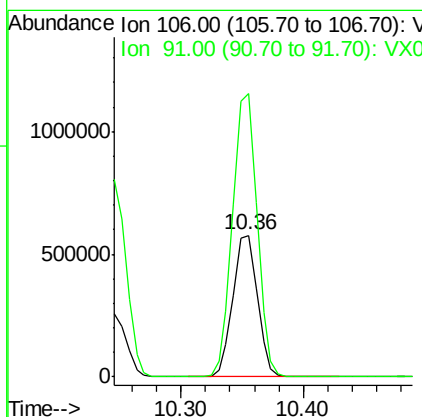
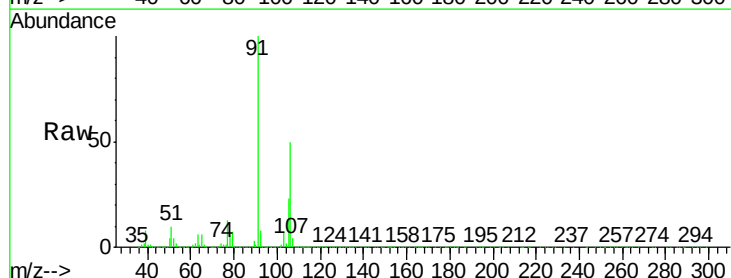
Manual Integrations
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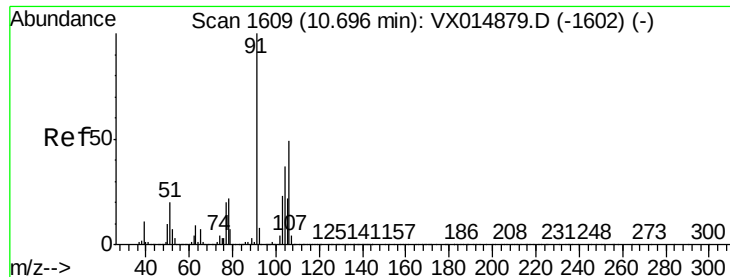
MMDadoda
2/21/2020 9:15:34 AM



#68
m/p-Xylenes
Concen: 100.236 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion: 106 Resp: 798948
Ion Ratio Lower Upper
106 100
91 200.6 160.6 240.8





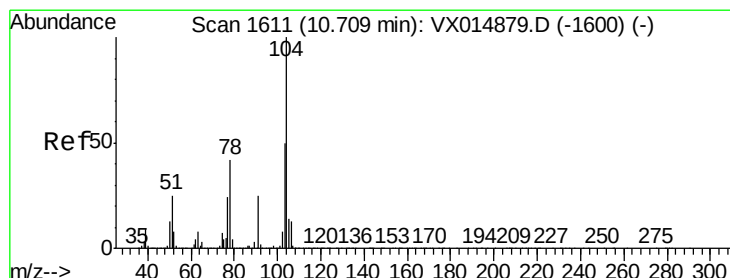
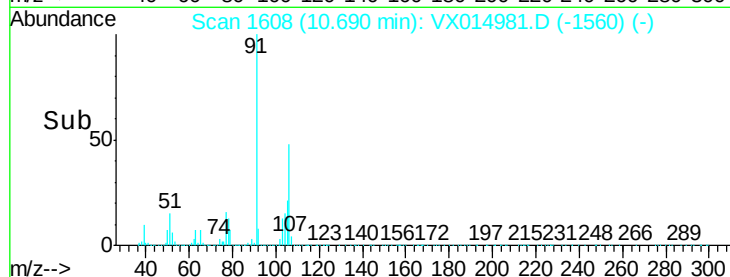
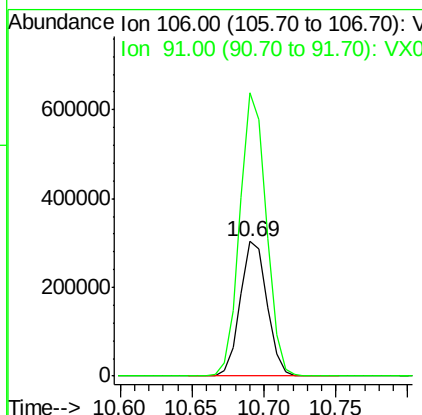
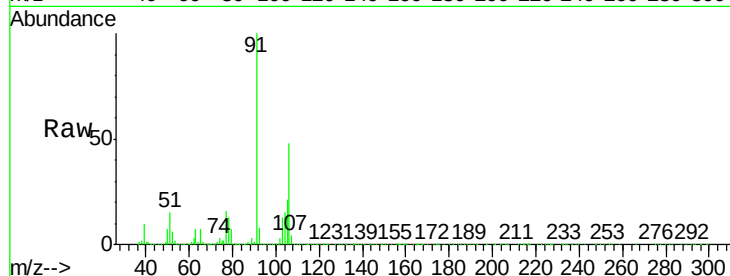
#69
o-Xylene
Concen: 51.214 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	392399		
91	207.5	105.1	315.3	

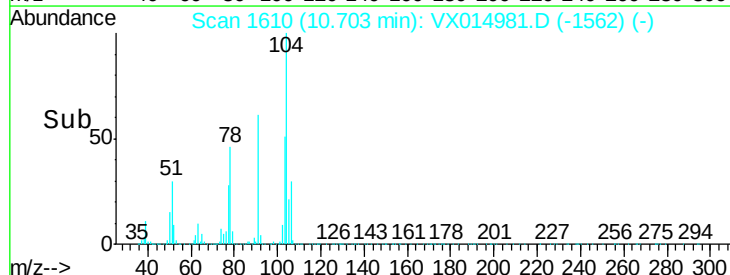
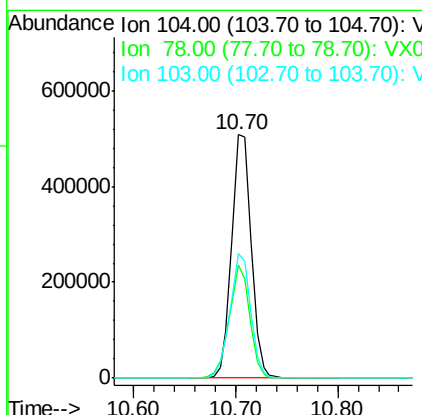
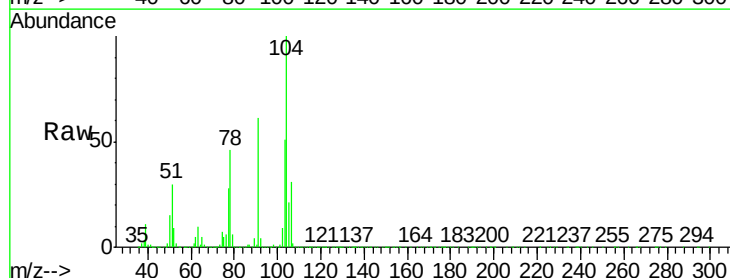
Manual Integrations
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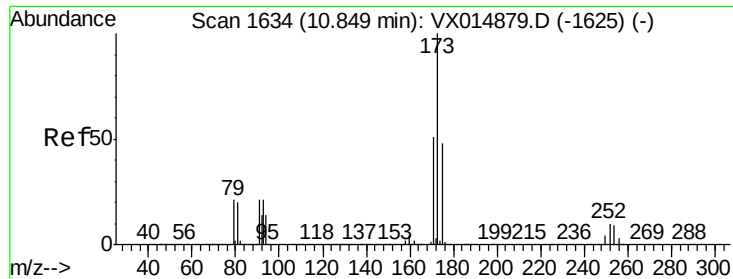
MMDadoda
2/21/2020 9:15:34 AM



#70
Styrene
Concen: 51.825 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	671762		
78	48.5	39.0	58.4	
103	54.0	43.4	65.0	





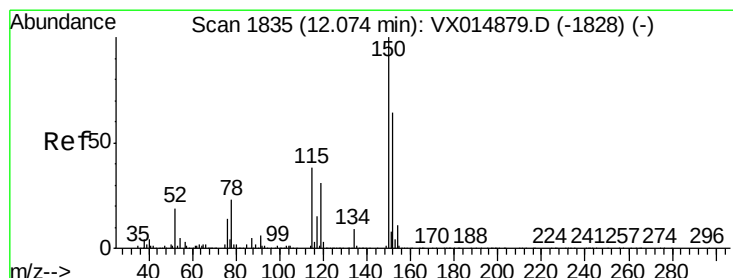
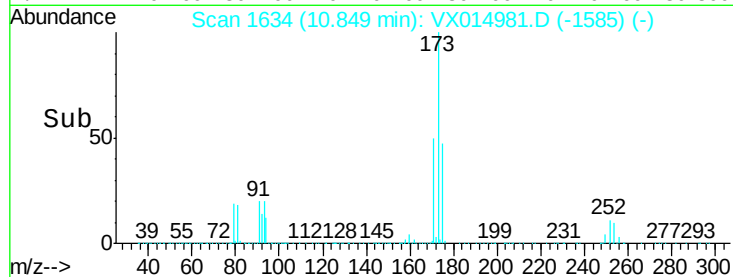
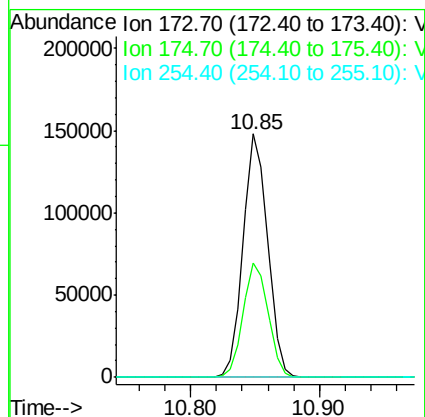
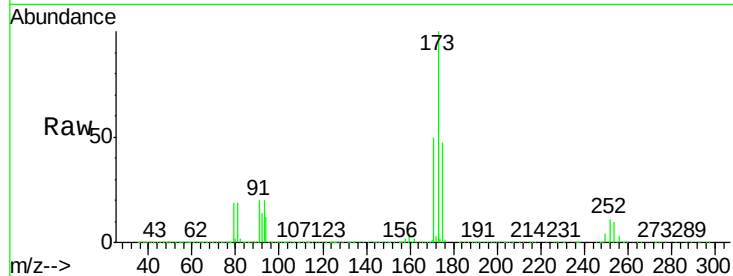
#71
Bromoform
Concen: 52.915 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.2	72.6
254	0.2	0.2	0.2

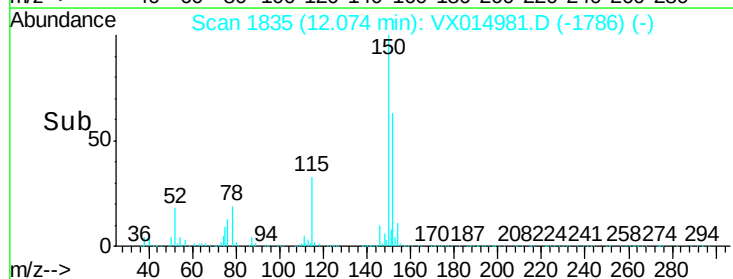
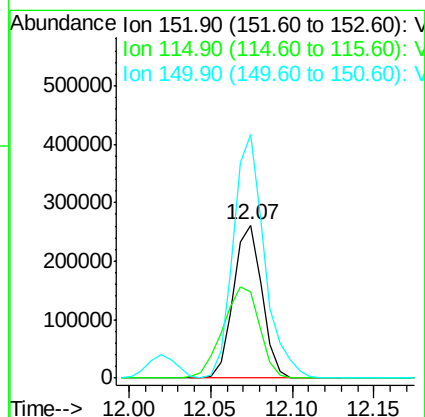
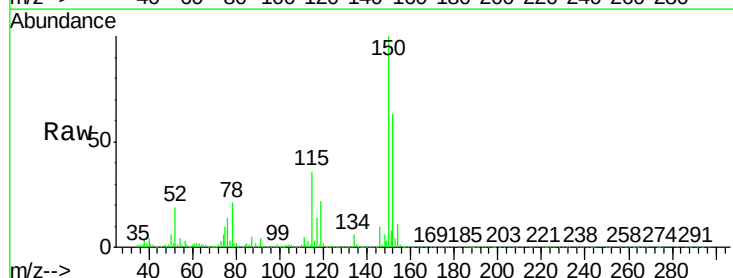
Manual Integrations
APPROVED

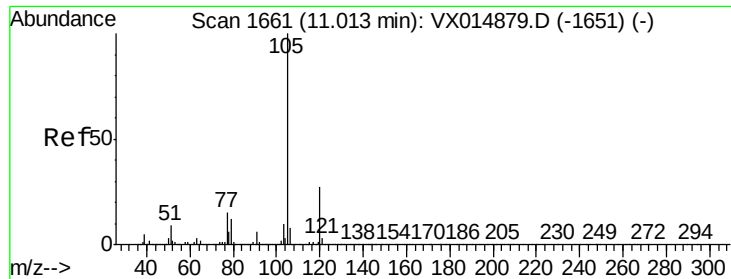
MMDadoda
2/21/2020 9:15:34 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.8	38.6	116.0
150	173.7	0.0	349.0





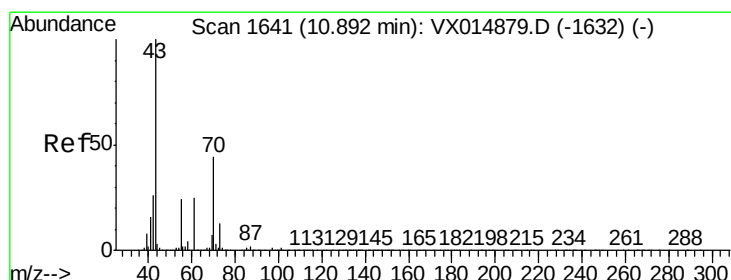
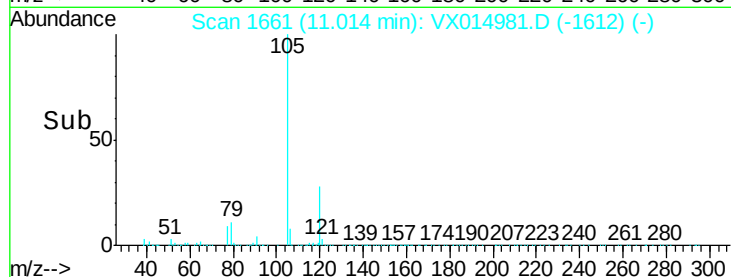
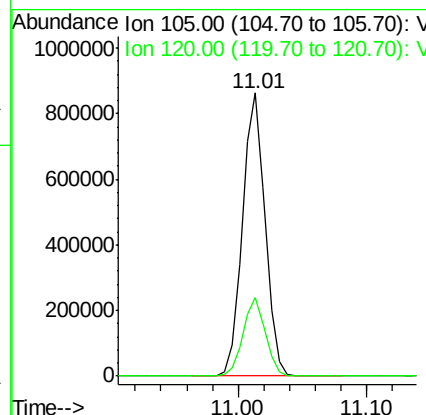
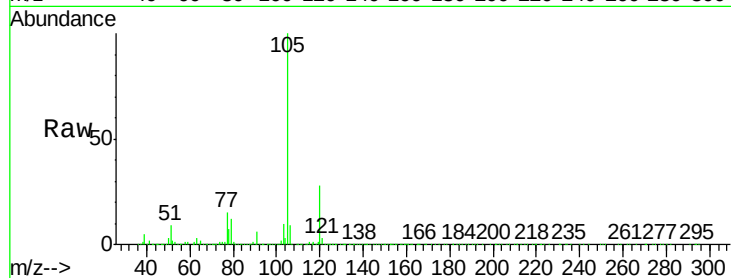
#73
Isopropylbenzene
Concen: 52.519 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1046643
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.8

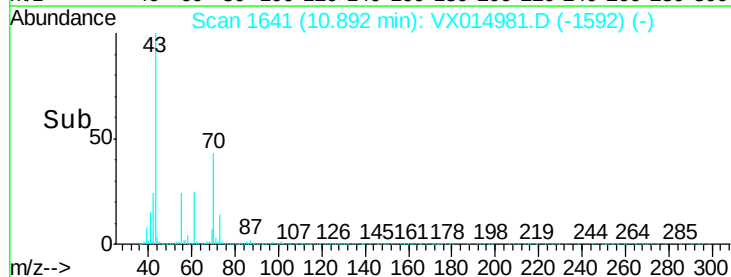
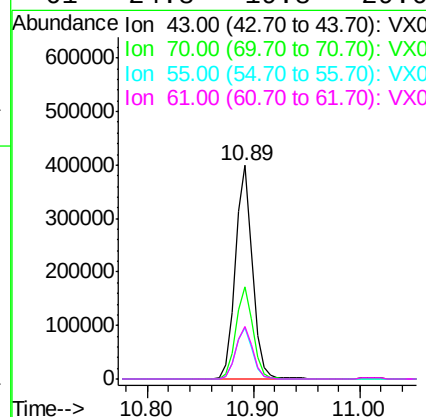
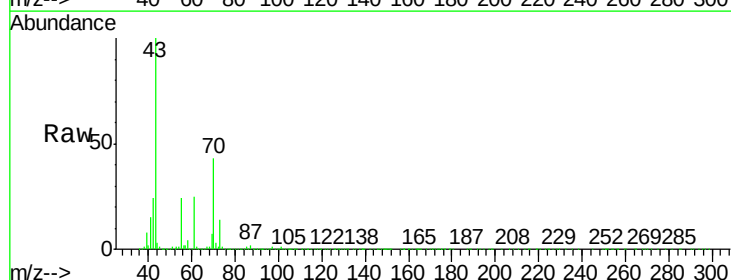
Manual Integrations
APPROVED

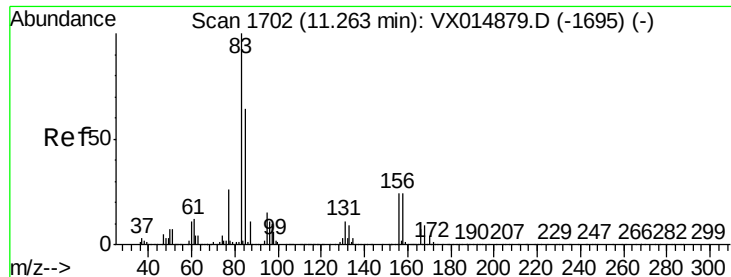
MMDadoda
2/21/2020 9:15:34 AM



#74
N-ethyl acetate
Concen: 54.079 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion: 43 Resp: 447804
Ion Ratio Lower Upper
43 100
70 43.6 35.0 52.4
55 23.7 19.4 29.2
61 24.8 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.545 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

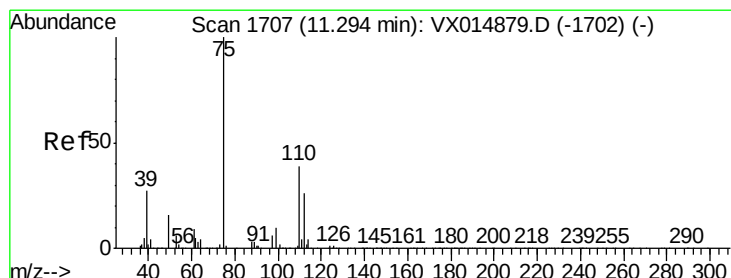
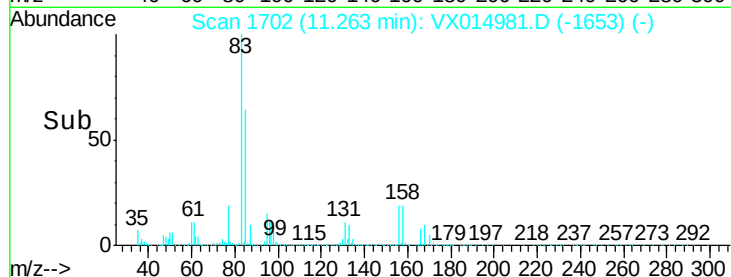
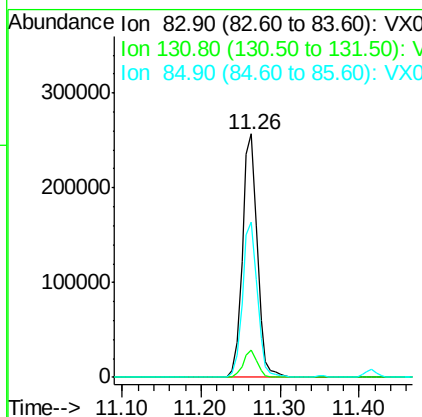
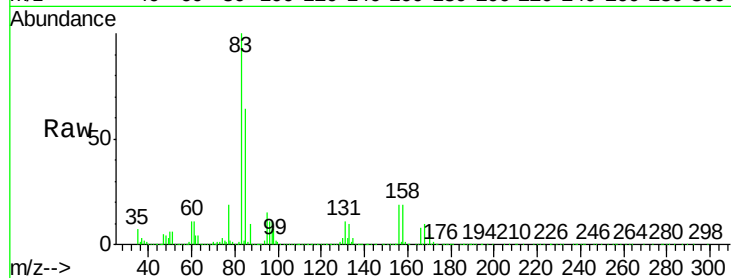
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	335792
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	16.1
85	63.9	32.6	97.7

Manual Integrations
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MMDadoda
2/21/2020 9:15:34 AM



#76

1,2,3-Trichloropropane

Concen: 49.968 ug/l m

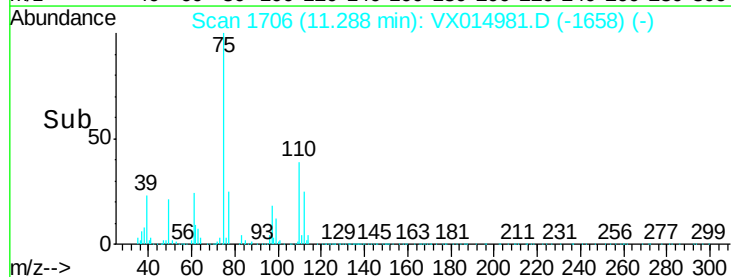
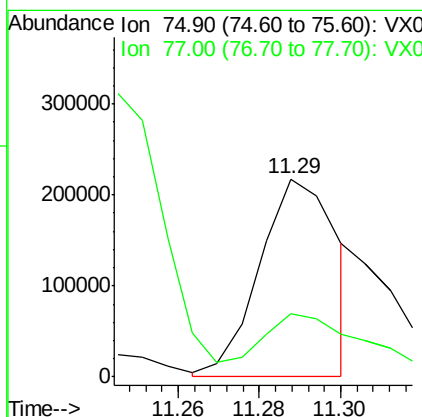
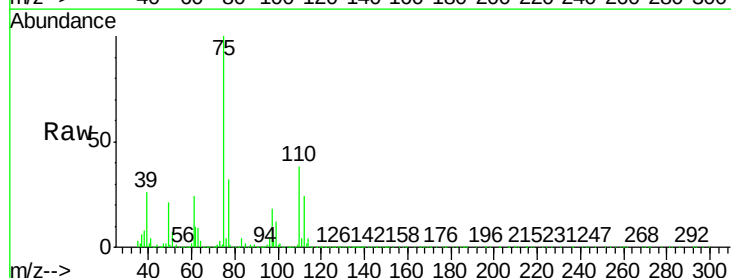
RT: 11.29 min Scan# 1706

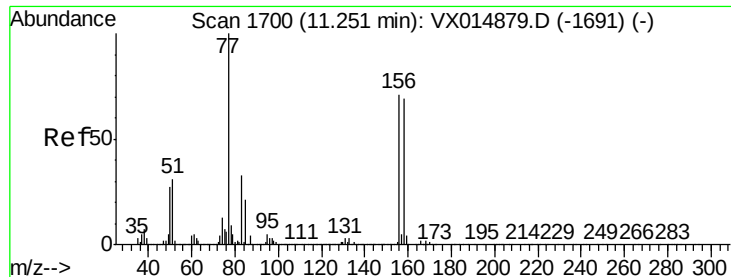
Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Tgt Ion:	75	Resp:	287149
Ion Ratio	Lower	Upper	
75	100		
77	43.3	18.4	55.0





#77

Bromobenzene

Concen: 50.455 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

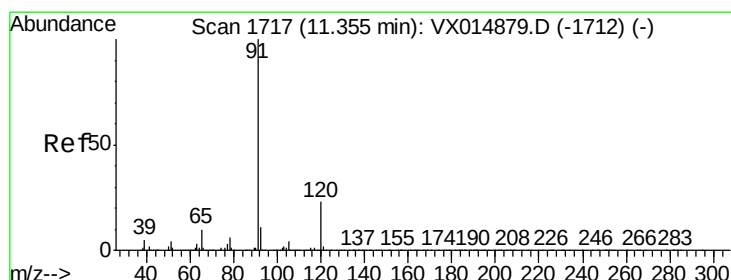
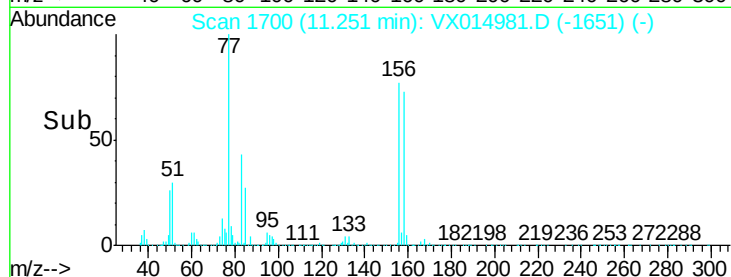
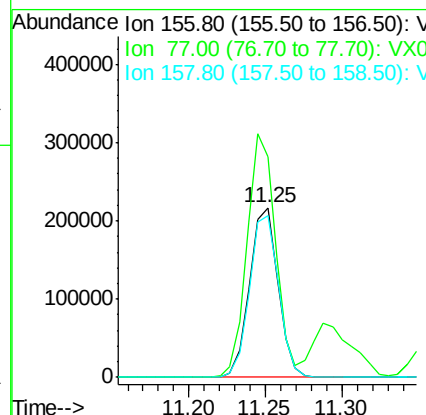
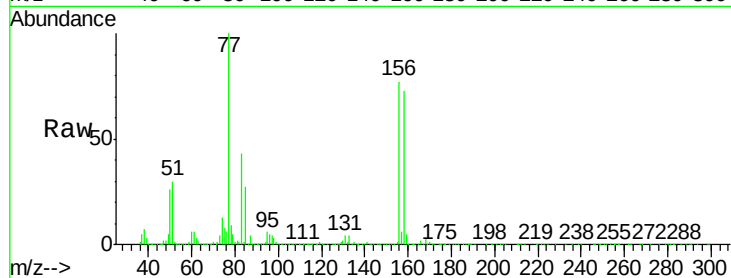
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	142.7	74.0	222.0
158	97.5	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 51.958 ug/l

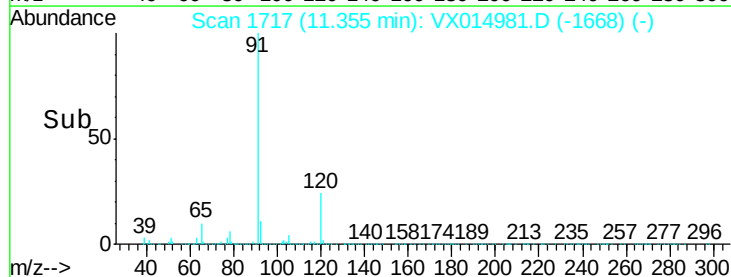
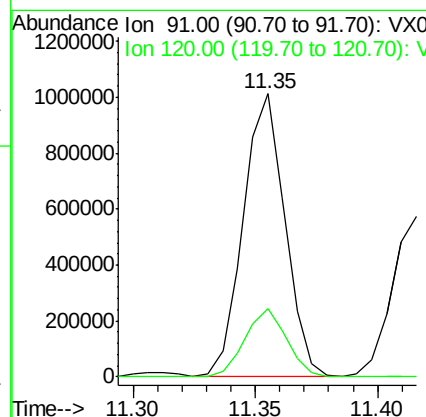
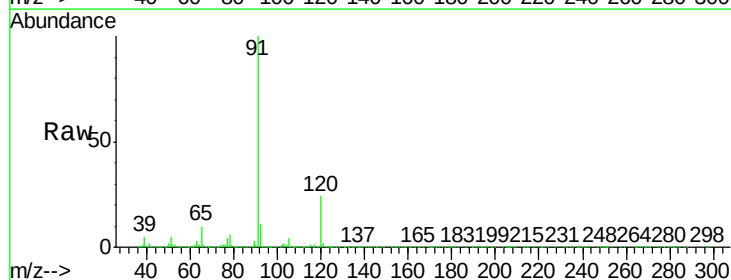
RT: 11.35 min Scan# 1717

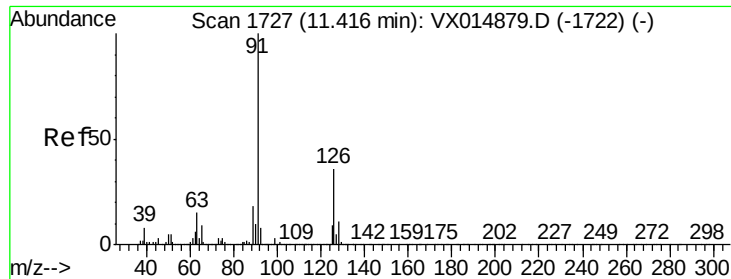
Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.8	35.4





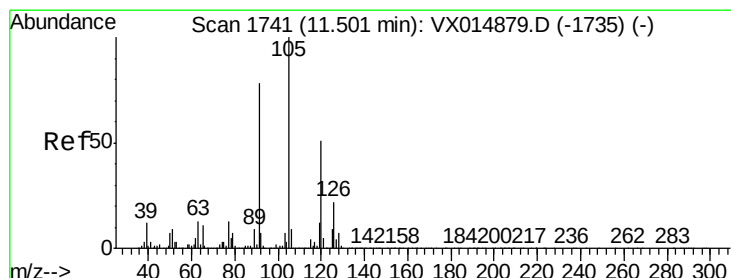
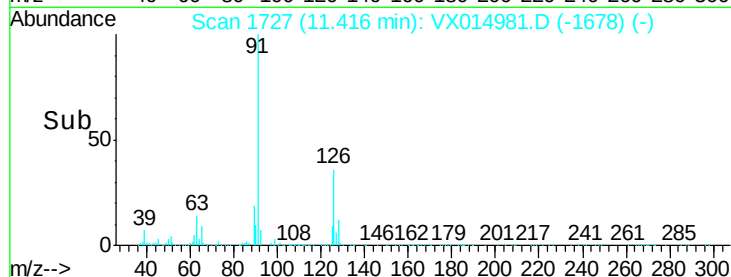
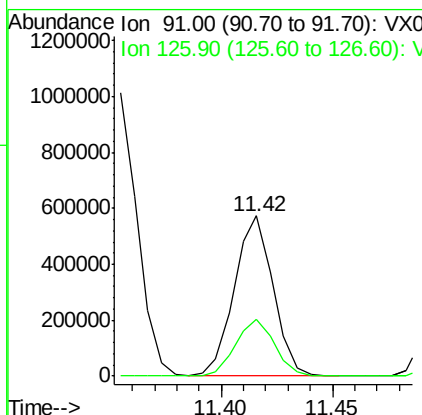
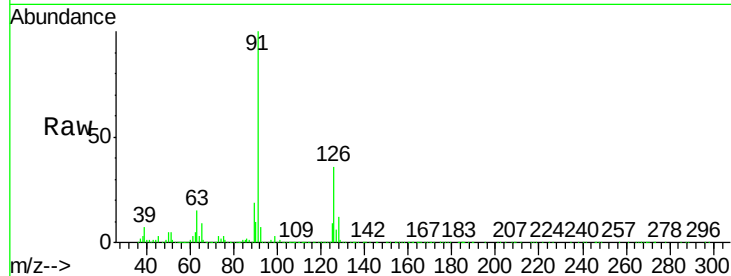
#79
 2-Chlorotoluene
 Concen: 51.071 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 692049
 Ion Ratio Lower Upper
 91 100
 126 35.8 18.0 54.0

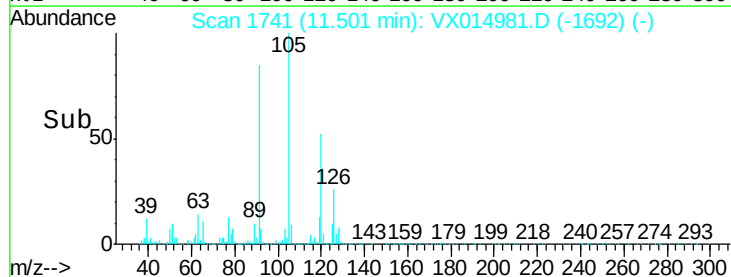
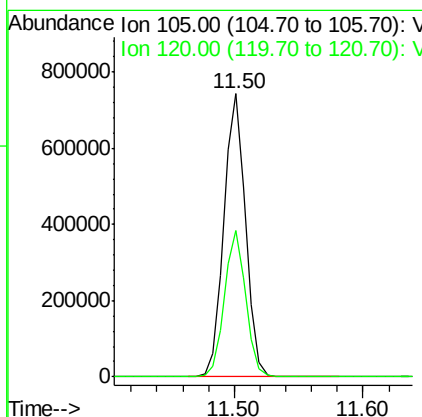
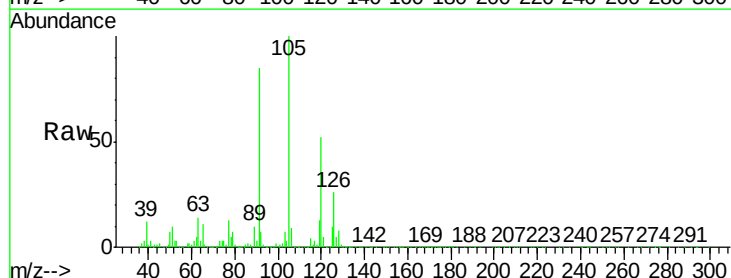
Manual Integrations
 APPROVED

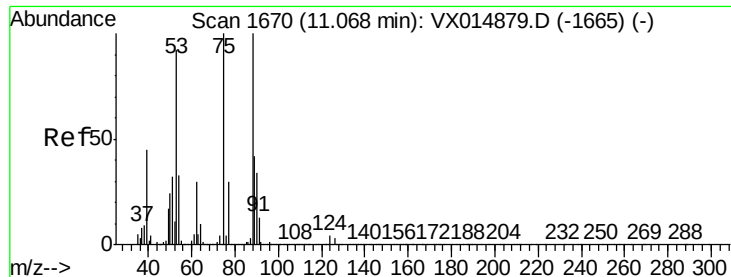
MMDadoda
 2/21/2020 9:15:34 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.961 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion: 105 Resp: 881899
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.6 76.6





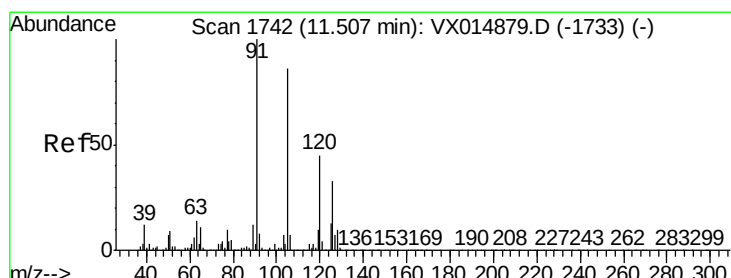
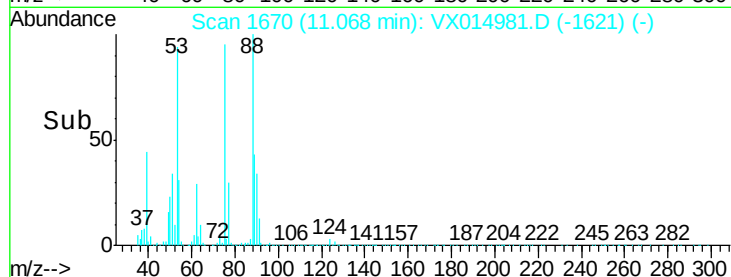
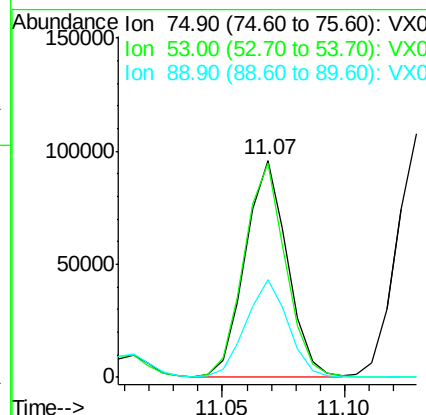
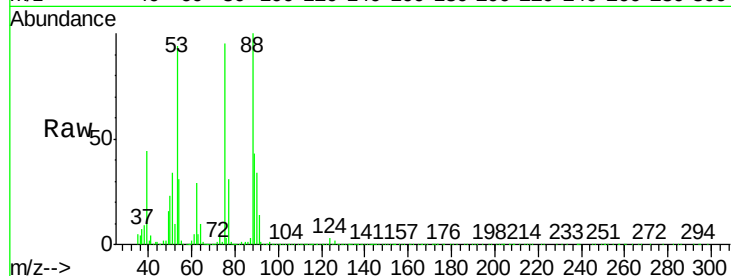
#81
trans-1,4-Dichloro-2-butene
Concen: 50.723 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.6	76.2	114.2
89	45.9	35.8	53.6

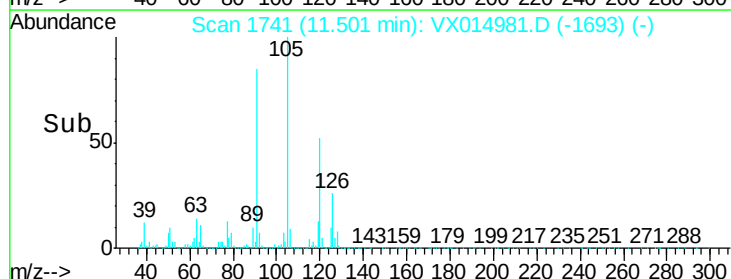
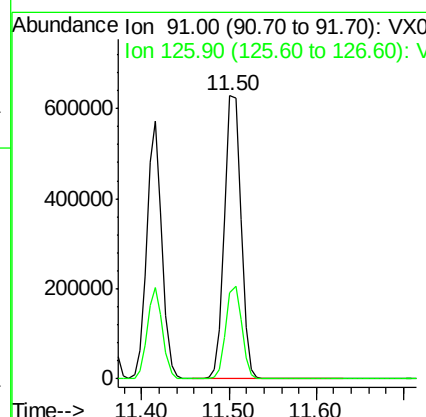
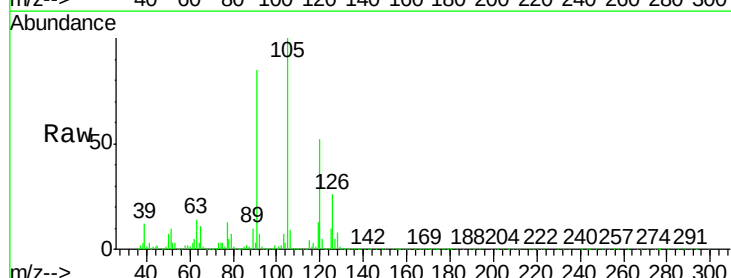
Manual Integrations
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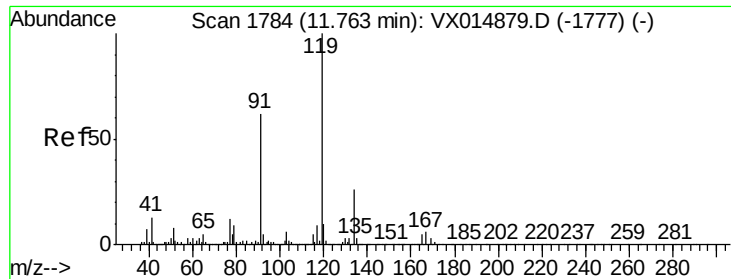
MMDadoda
2/21/2020 9:15:34 AM



#82
4-Chlorotoluene
Concen: 51.018 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.7	47.0





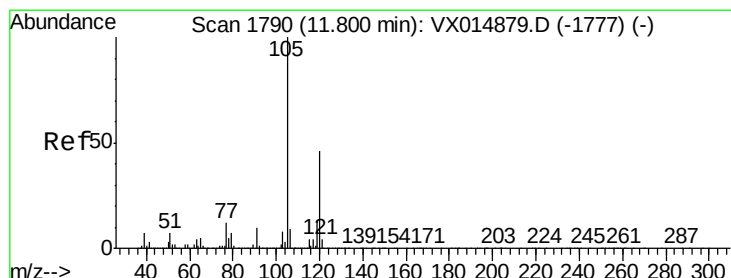
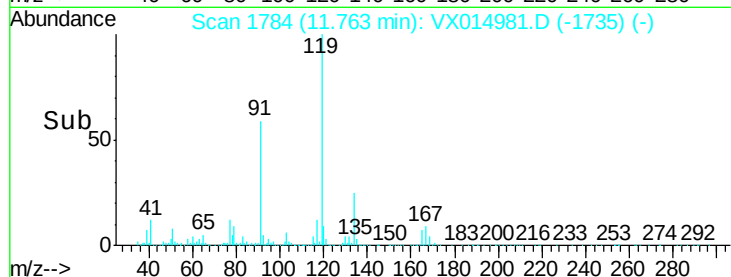
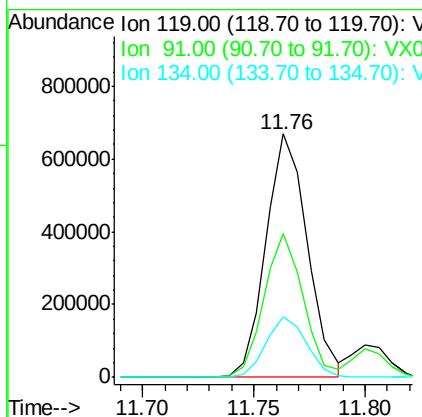
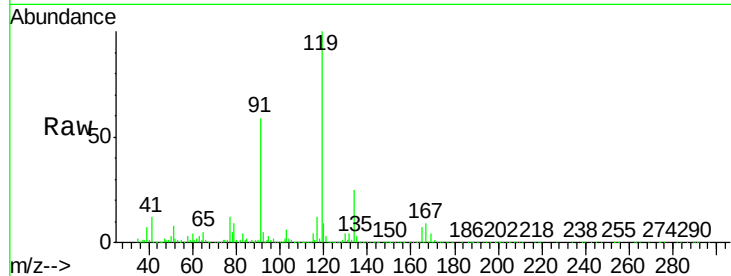
#83
 tert-Butylbenzene
 Concen: 54.790 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	863960		
91	56.1	29.5	88.6	
134	24.4	12.6	37.6	

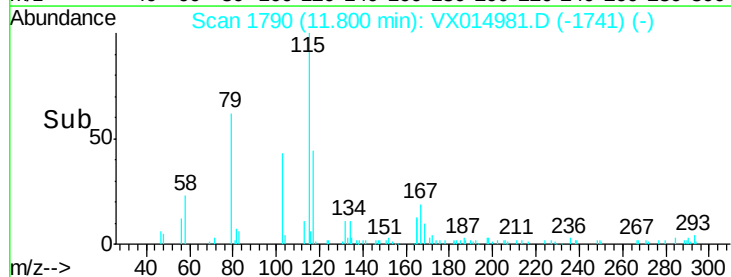
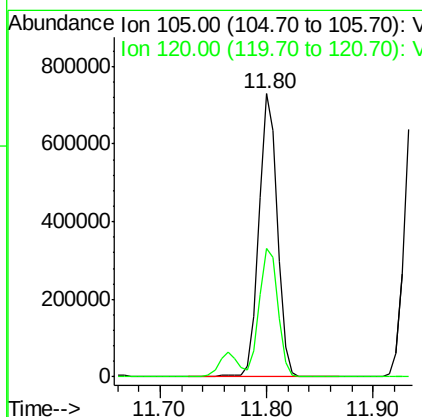
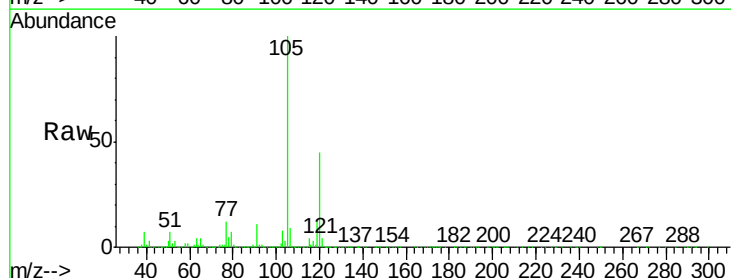
Manual Integrations
 APPROVED

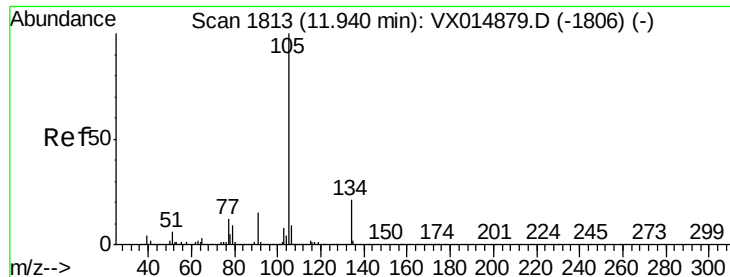
MMDadoda
 2/21/2020 9:15:34 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.740 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	885042		
120	46.2	23.0	69.0	





#85

sec-Butylbenzene

Concen: 52.654 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1031426

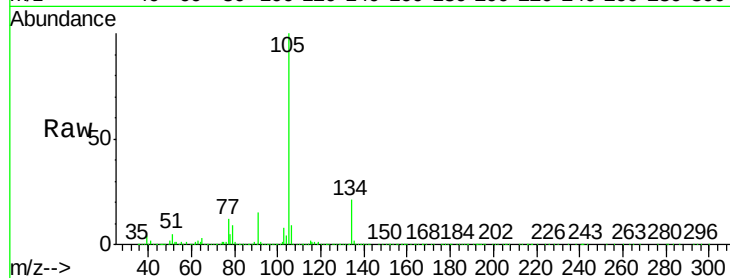
Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8

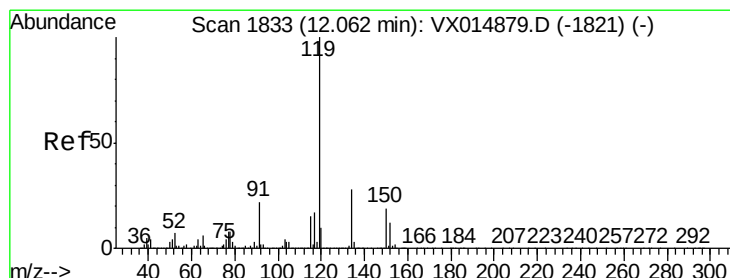
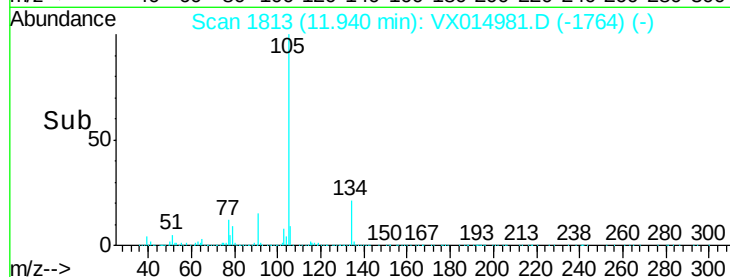
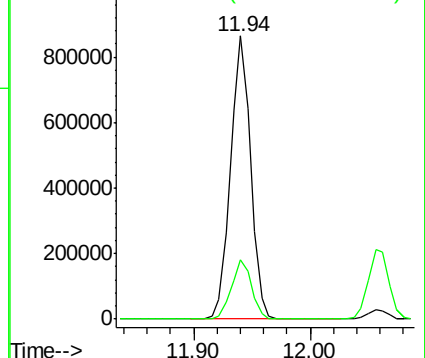
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.808 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

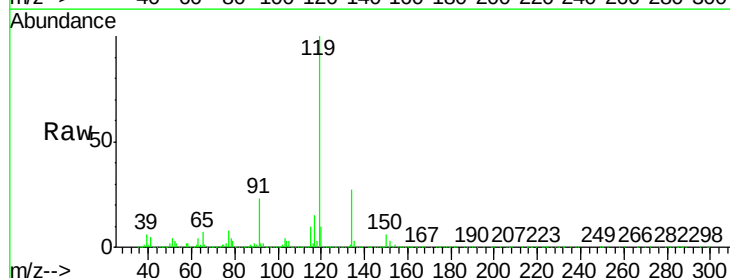
Tgt Ion:119 Resp: 968015

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

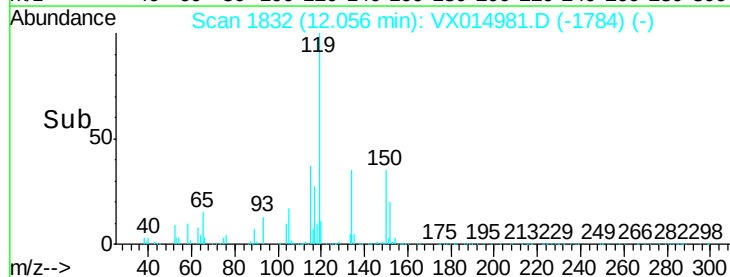
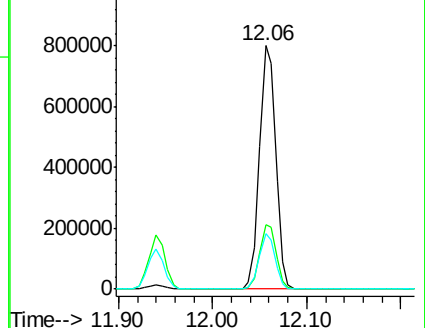
91 22.3 11.4 34.1

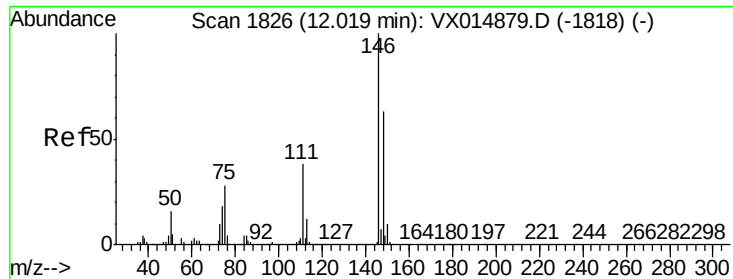


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





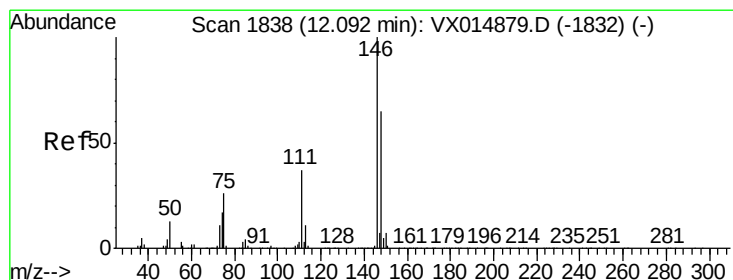
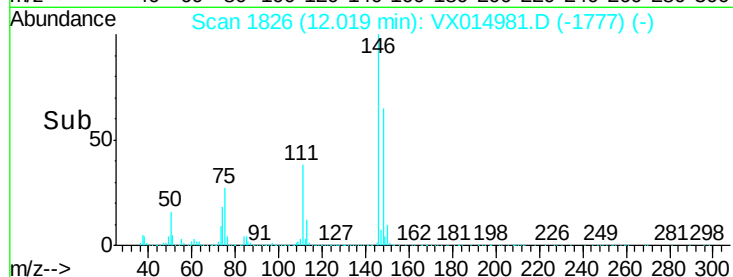
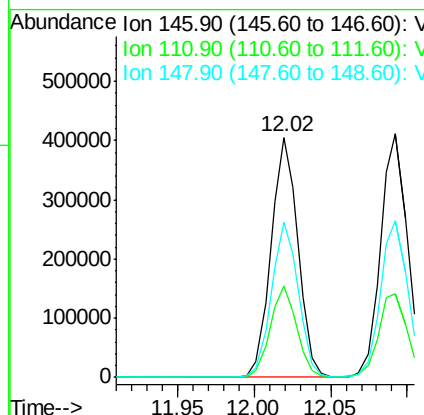
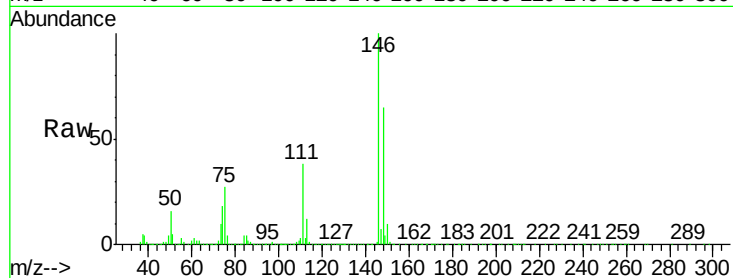
#87
 1,3-Dichlorobenzene
 Concen: 49.747 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	56.0
148	64.7	31.8	95.4

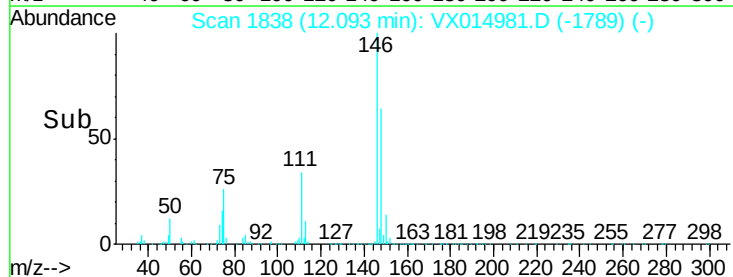
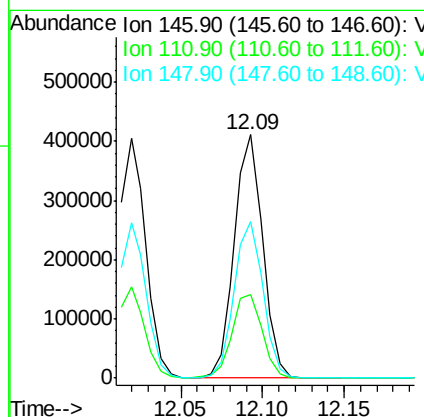
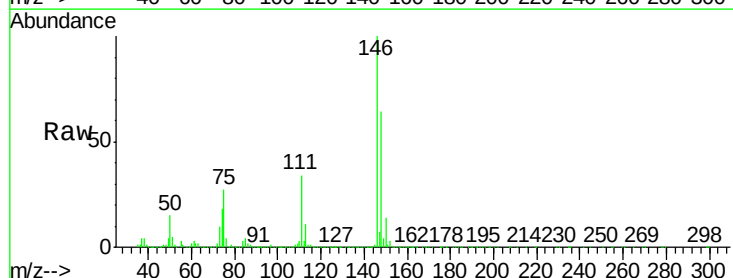
Manual Integrations
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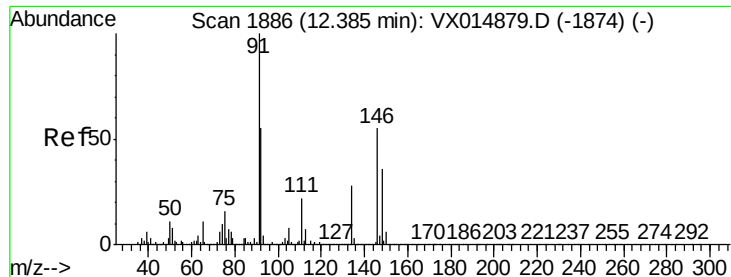
MMDadoda
 2/21/2020 9:15:34 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.882 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.6
148	65.2	32.4	97.0





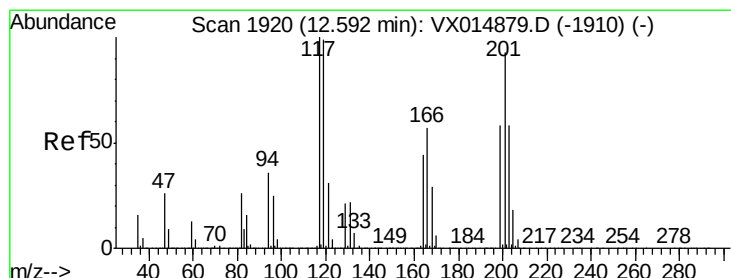
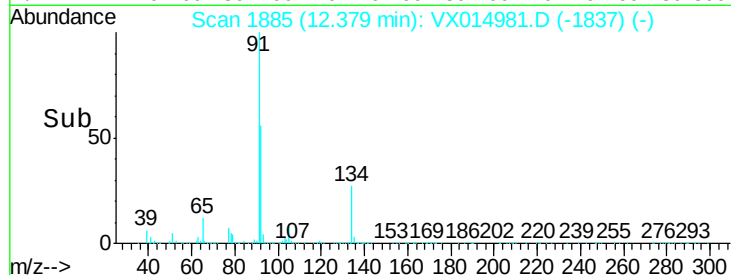
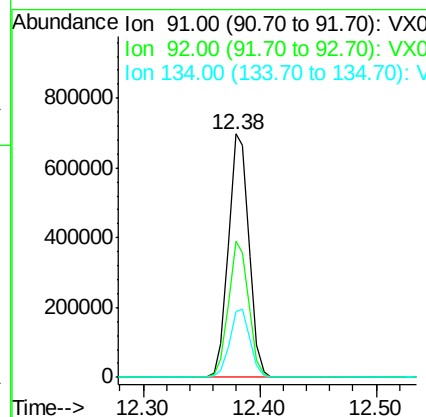
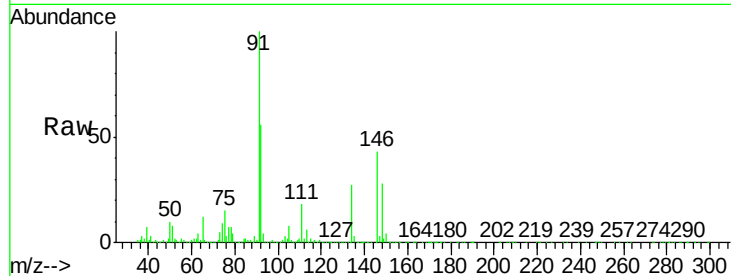
#89
n-Butylbenzene
Concen: 51.368 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.3	81.8
134	27.9	13.8	41.4

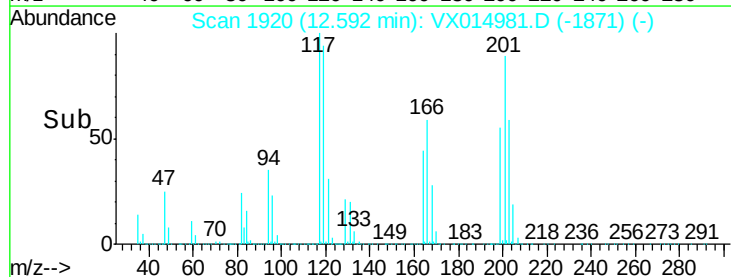
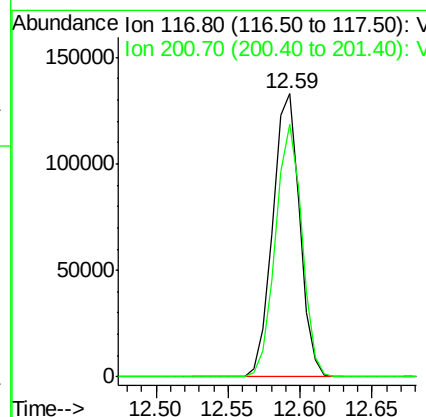
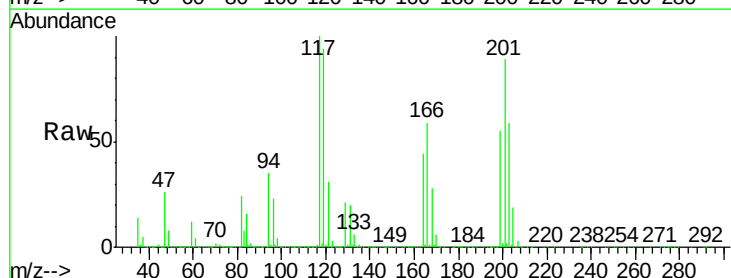
Manual Integrations
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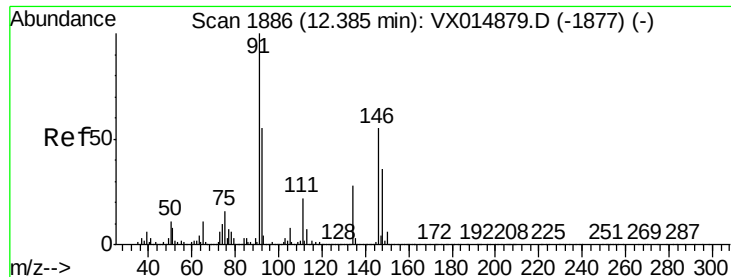
MMDadoda
2/21/2020 9:15:34 AM



#90
Hexachloroethane
Concen: 53.825 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	44.8	134.3





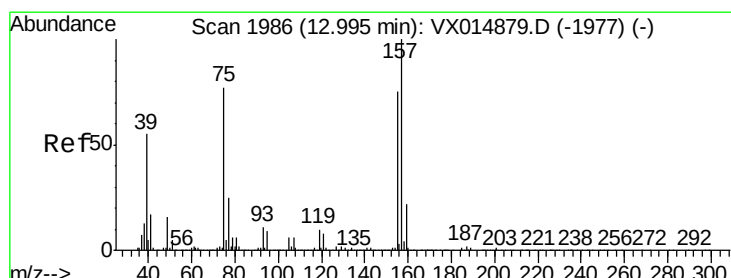
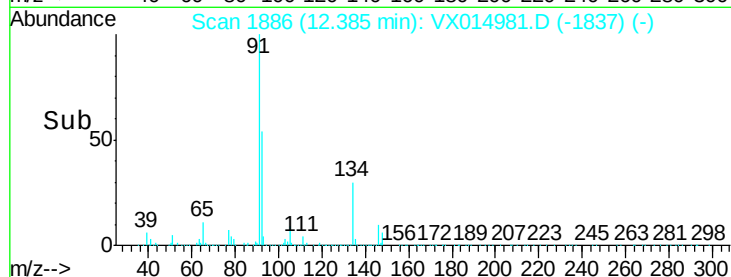
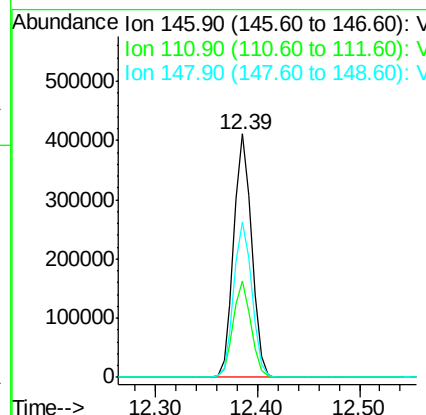
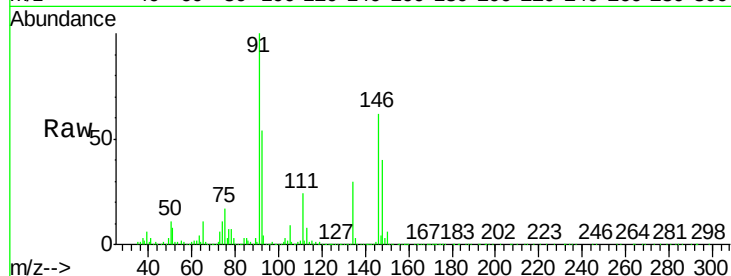
#91
 1,2-Dichlorobenzene
 Concen: 50.759 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.3
148	64.2	32.4	97.2

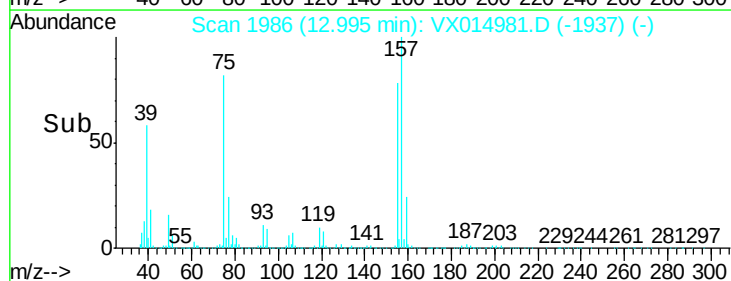
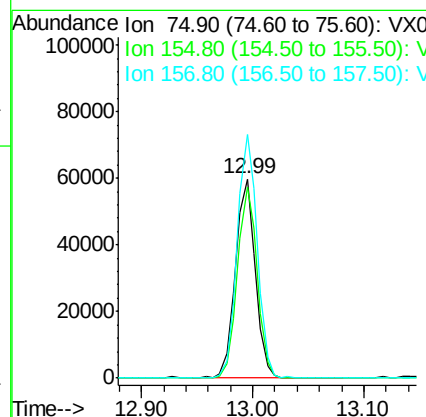
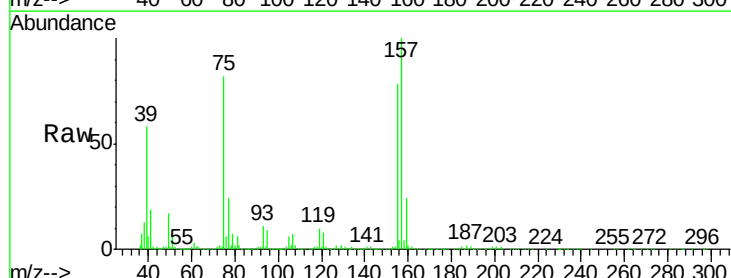
Manual Integrations
 APPROVED

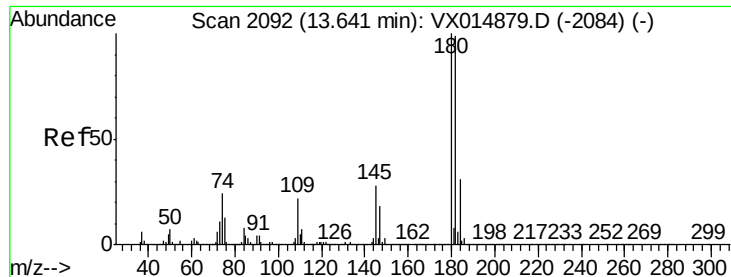
MMDadoda
 2/21/2020 9:15:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.961 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.3	48.6	145.9
157	124.2	62.0	186.0





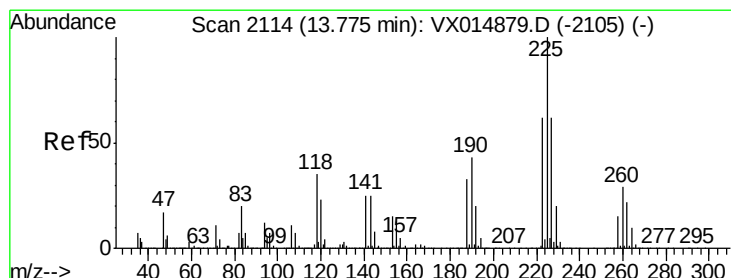
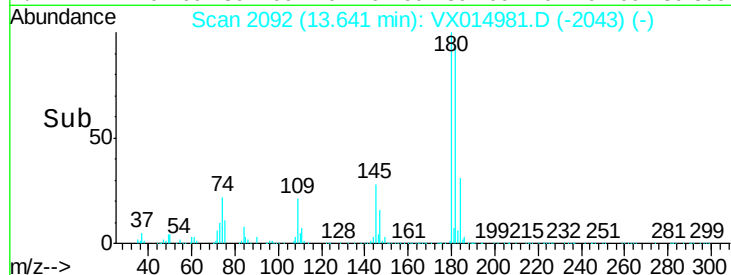
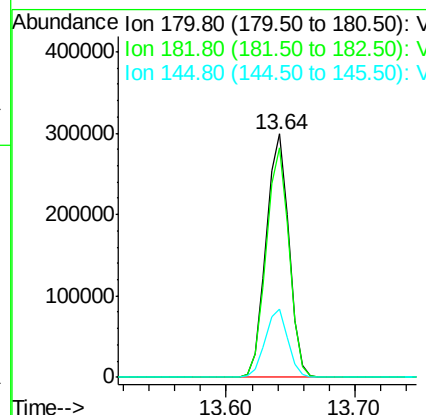
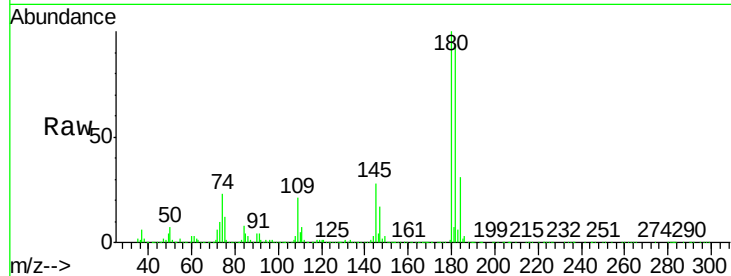
#93
1,2,4-Trichlorobenzene
Concen: 50.611 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	365565		
182	94.2	48.4	145.3	
145	27.9	14.1	42.4	

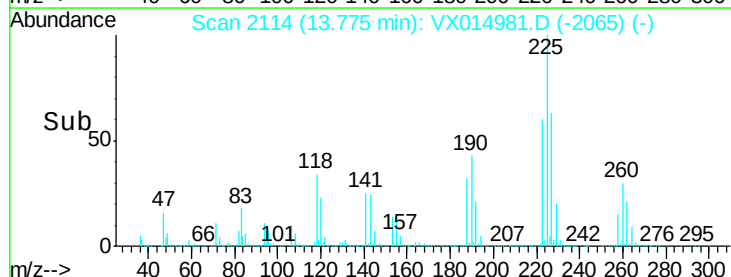
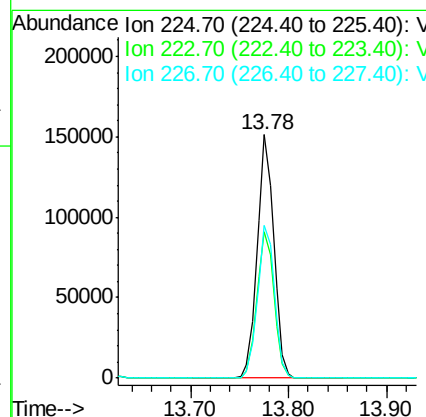
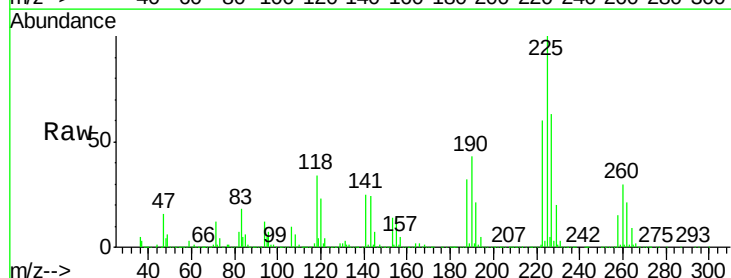
Manual Integrations
APPROVED

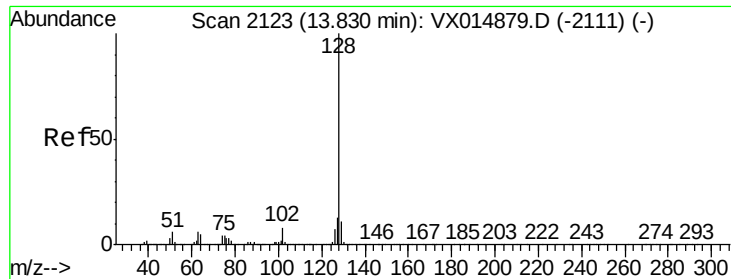
MMDadoda
2/21/2020 9:15:34 AM



#94
Hexachlorobutadiene
Concen: 51.171 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	178773		
223	62.2	31.1	93.2	
227	63.8	30.9	92.5	





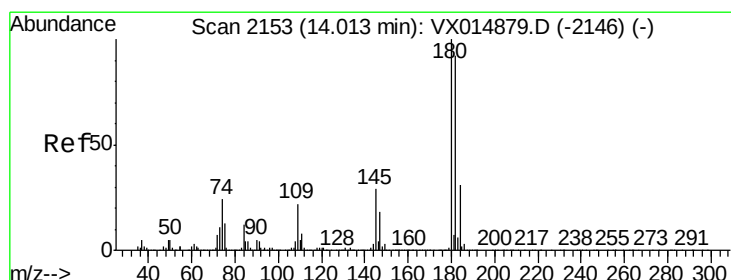
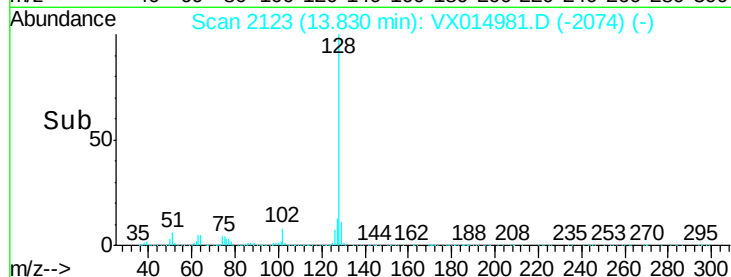
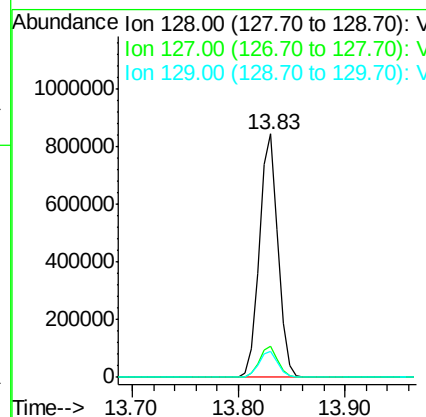
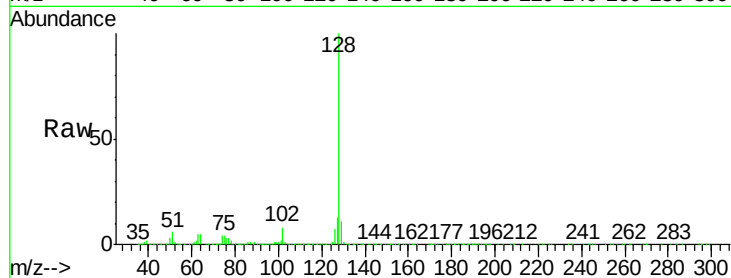
#95
Naphthalene
Concen: 53.787 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/21/2020 9:15:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.975 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.5	142.6
145	30.1	14.5	43.5

