

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022420\
 Data File : VX014998.D
 Acq On : 24 Feb 2020 09:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/25/2020 9:36:31 AM

Quant Time: Feb 25 00:47:43 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	431667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	637374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	590409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317202	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	237061	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.48	113	199165	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	8.71	98	746388	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.13	95	273136	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	205906	50.369	ug/l	99
3) Chloromethane	1.32	50	235624	50.839	ug/l	99
4) Vinyl Chloride	1.41	62	251734	50.420	ug/l	99
5) Bromomethane	1.63	94	156034	48.282	ug/l	97
6) Chloroethane	1.72	64	158008	49.461	ug/l	99
7) Trichlorofluoromethane	1.92	101	344641	49.406	ug/l	99
8) Diethyl Ether	2.18	74	143735	49.689	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	205508	50.754	ug/l	99
10) Methyl Iodide	2.50	142	233751	51.628	ug/l	100
11) Tert butyl alcohol	3.02	59	213222	247.885	ug/l	100
12) 1,1-Dichloroethene	2.37	96	196391	49.636	ug/l	97
13) Acrolein	2.28	56	158200	241.311	ug/l	99
14) Allyl chloride	2.72	41	349228	49.783	ug/l	97
15) Acrylonitrile	3.13	53	560269	256.935	ug/l	99
16) Acetone	2.43	43	700515	268.493	ug/l	98
17) Carbon Disulfide	2.56	76	498681	45.109	ug/l	100
18) Methyl Acetate	2.76	43	261442	53.285	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	663186	51.502	ug/l	99
20) Methylene Chloride	2.85	84	224357	47.874	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	208007	47.644	ug/l	94
22) Diisopropyl ether	3.84	45	712843	53.205	ug/l	90
23) Vinyl Acetate	3.80	43	3004133	271.997	ug/l	99
24) 1,1-Dichloroethane	3.69	63	385025	50.918	ug/l	99
25) 2-Butanone	4.65	43	877163	264.473	ug/l	100
26) 2,2-Dichloropropane	4.57	77	321383	49.318	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	243889	49.974	ug/l	99
28) Bromochloromethane	5.00	49	153314	52.309	ug/l	97
29) Tetrahydrofuran	5.11	42	491973	260.938	ug/l	100
30) Chloroform	5.20	83	383558	51.126	ug/l	98
31) Cyclohexane	5.57	56	342843	49.780	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	332537	50.672	ug/l	99
36) 1,1-Dichloropropene	5.79	75	289075	50.702	ug/l	99
37) Ethyl Acetate	4.81	43	303818	51.091	ug/l	99
38) Carbon Tetrachloride	5.78	117	282363	50.819	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	361971	50.763	ug/l	98
40) Benzene	6.13	78	876270	51.439	ug/l	98
41) Methacrylonitrile	5.02	41	172703	53.910	ug/l	99
42) 1,2-Dichloroethane	6.18	62	309161	50.213	ug/l	100
43) Isopropyl Acetate	6.43	43	517024	52.706	ug/l	99
44) Trichloroethene	7.20	130	244282	49.397	ug/l	96
45) 1,2-Dichloropropane	7.50	63	228338	52.558	ug/l	100
46) Dibromomethane	7.65	93	149746	50.425	ug/l	97
47) Bromodichloromethane	7.89	83	303940	51.618	ug/l	98
48) Methyl methacrylate	7.76	41	257357	53.309	ug/l	99
49) 1,4-Dioxane	7.73	88	94017	1041.601	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1572964	265.556	ug/l	100
52) Toluene	8.78	92	556277	51.414	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	337081	52.235	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	368679	51.716	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	227034	51.864	ug/l	98
56) Ethyl methacrylate	9.17	69	354734	53.914	ug/l	99
57) 1,3-Dichloropropane	9.36	76	382525	51.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	959570	278.860	ug/l	99
59) 2-Hexanone	9.48	43	1254620	269.476	ug/l	100
60) Dibromochloromethane	9.57	129	248620	52.776	ug/l	99
61) 1,2-Dibromoethane	9.67	107	238964	50.594	ug/l	99
64) Tetrachloroethene	9.33	164	253752	45.969	ug/l	99
65) Chlorobenzene	10.13	112	604361	50.468	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	229139	52.706	ug/l	99
67) Ethyl Benzene	10.25	91	1066871	52.385	ug/l	100
68) m/p-Xylenes	10.36	106	826431	105.337	ug/l	98
69) o-Xylene	10.69	106	393630	52.193	ug/l	100
70) Styrene	10.71	104	686422	53.800	ug/l	100
71) Bromoform	10.85	173	192611	53.078	ug/l #	99
73) Isopropylbenzene	11.01	105	1069155	53.748	ug/l	100
74) N-amyl acetate	10.89	43	454818	55.028	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	339307	52.181	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	284041m	49.519	ug/l	
77) Bromobenzene	11.25	156	283966	51.146	ug/l	98
78) n-propylbenzene	11.35	91	1229139	53.424	ug/l	100
79) 2-Chlorotoluene	11.42	91	719328	53.182	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	900929	54.204	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	116129	51.822	ug/l	99
82) 4-Chlorotoluene	11.51	91	832305	51.962	ug/l	100
83) tert-Butylbenzene	11.76	119	862566	54.803	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	903867	53.962	ug/l	99
85) sec-Butylbenzene	11.94	105	1059120	54.167	ug/l	99
86) p-Isopropyltoluene	12.06	119	985019	53.835	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	503237	50.524	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	508558	49.999	ug/l	99
89) n-Butylbenzene	12.39	91	872347	53.234	ug/l	99
90) Hexachloroethane	12.59	117	174455	54.597	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	497223	50.904	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73238	48.008	ug/l	99

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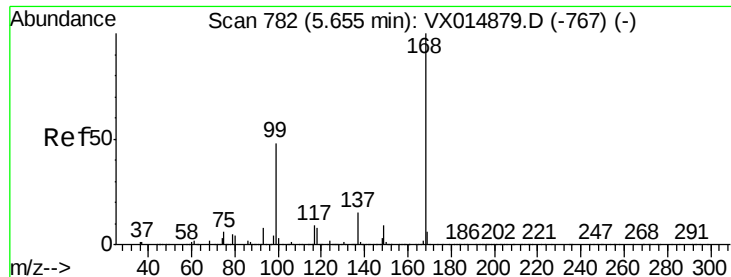
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	362802	50.322	ug/l	100
94) Hexachlorobutadiene	13.78	225	181616	52.081	ug/l	98
95) Naphthalene	13.83	128	1020220	53.222	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	359784	51.652	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 431667

Ion Ratio Lower Upper

168 100

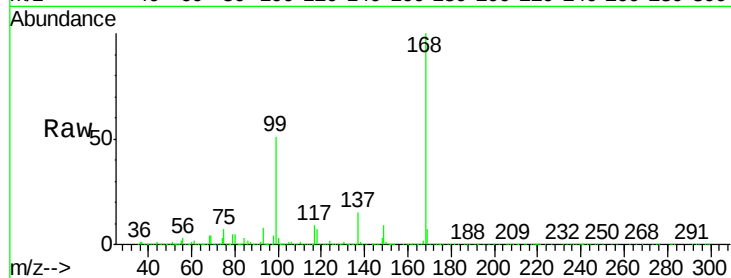
99 50.5 38.7 58.1

Manual Integrations

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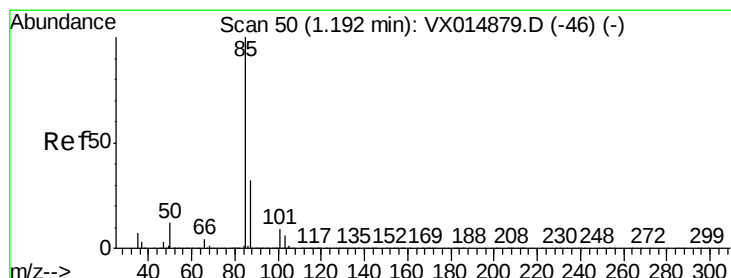
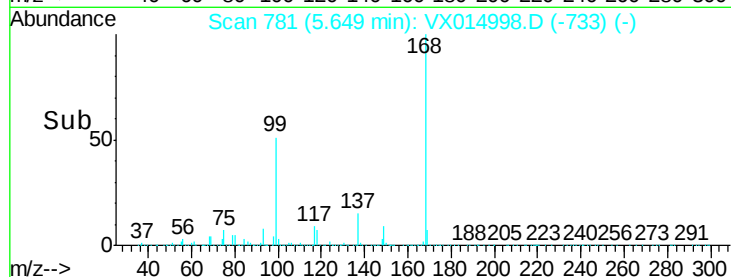
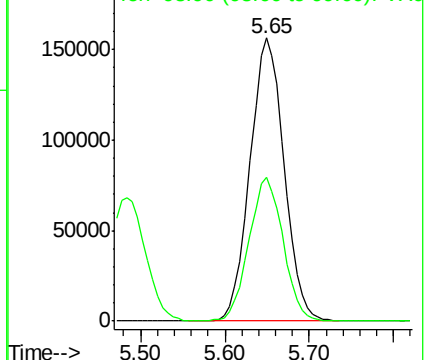
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2/25/2020 9:36:31 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.369 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014998.D

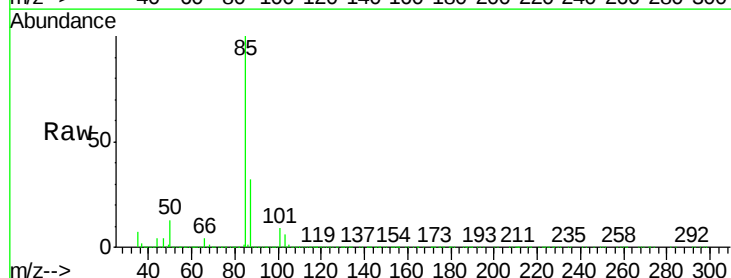
Acq: 24 Feb 2020 09:53

Tgt Ion: 85 Resp: 205906

Ion Ratio Lower Upper

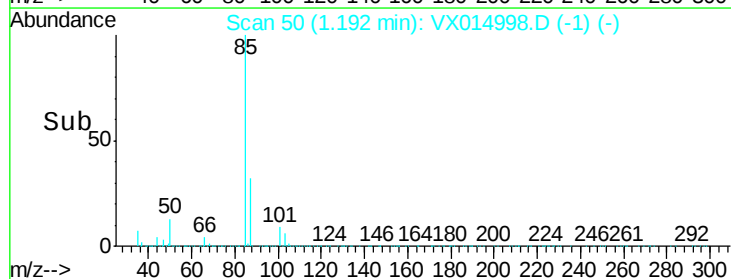
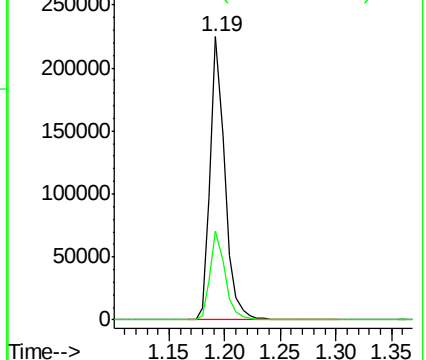
85 100

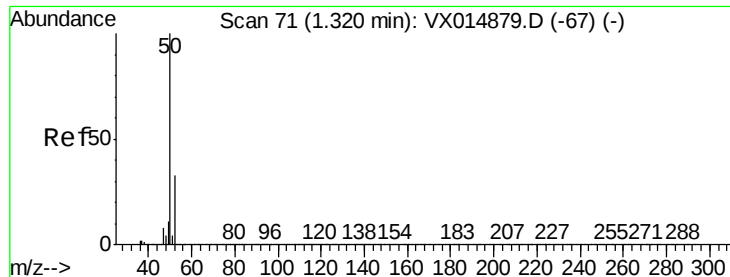
87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.839 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 235624

Ion Ratio Lower Upper

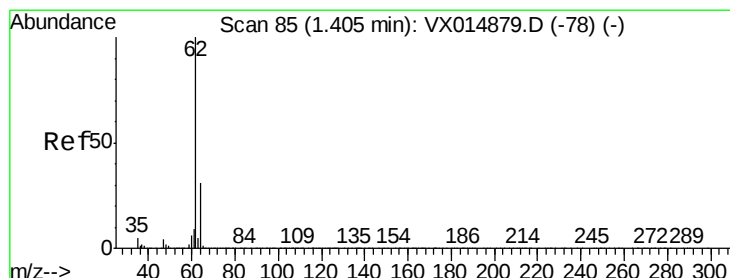
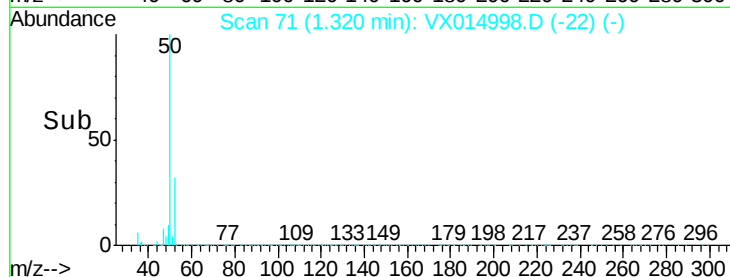
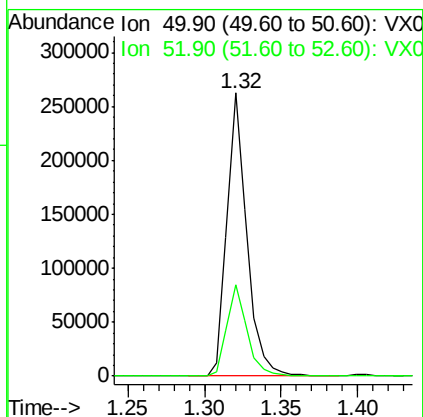
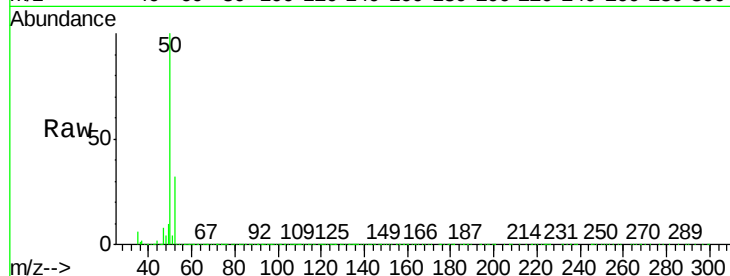
50 100

52 32.0 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.420 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.00 min

Lab File: VX014998.D

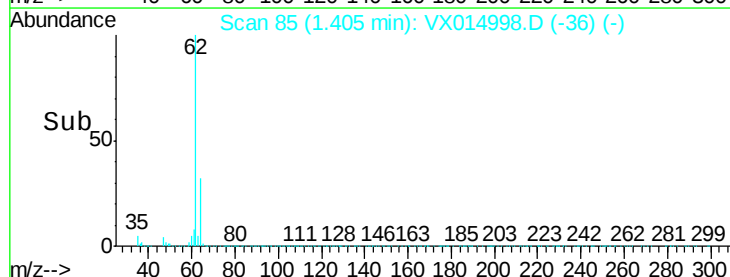
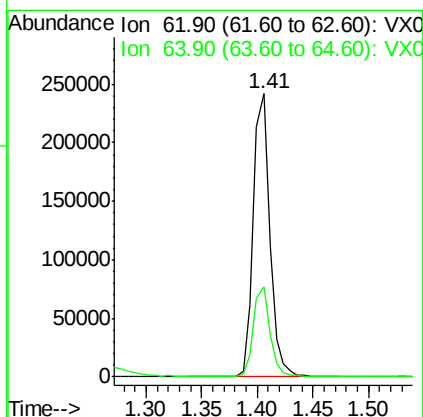
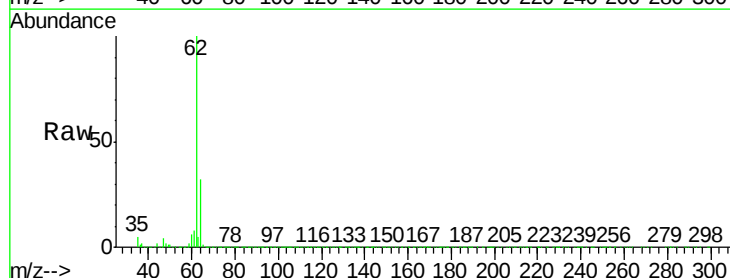
Acq: 24 Feb 2020 09:53

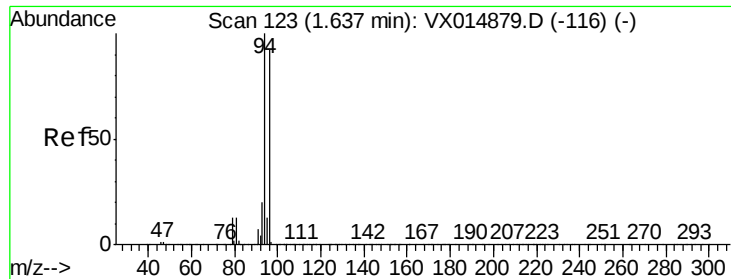
Tgt Ion: 62 Resp: 251734

Ion Ratio Lower Upper

62 100

64 31.6 24.8 37.2





#5

Bromomethane

Concen: 48.282 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 156034

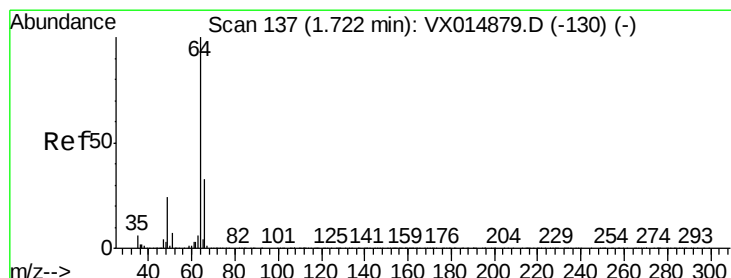
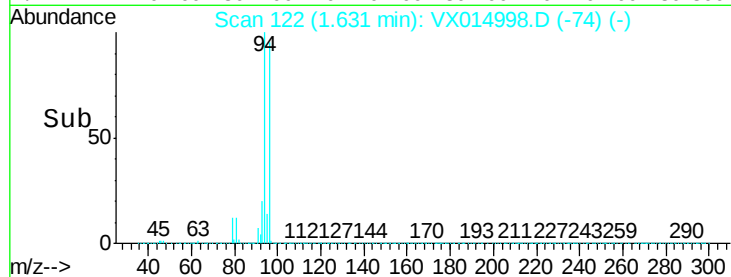
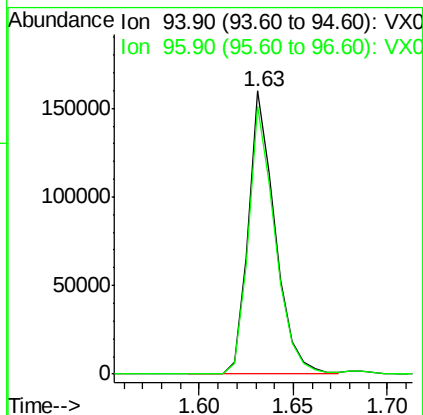
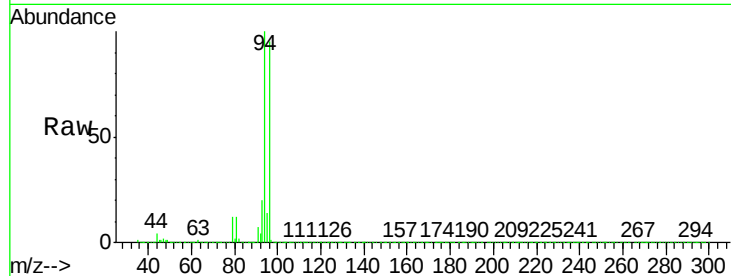
Ion Ratio Lower Upper

94 100

96 94.8 73.7 110.5

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#6

Chloroethane

Concen: 49.461 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014998.D

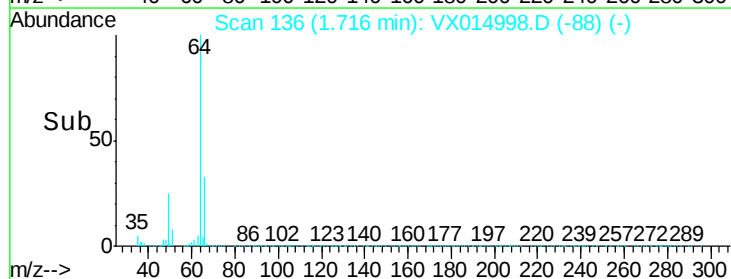
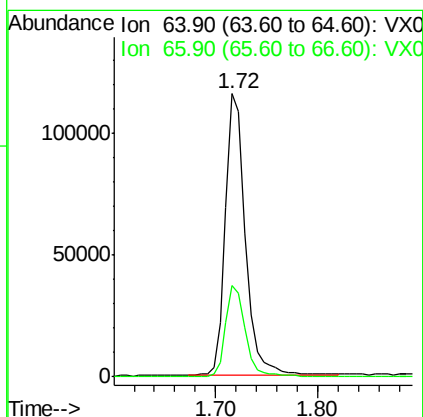
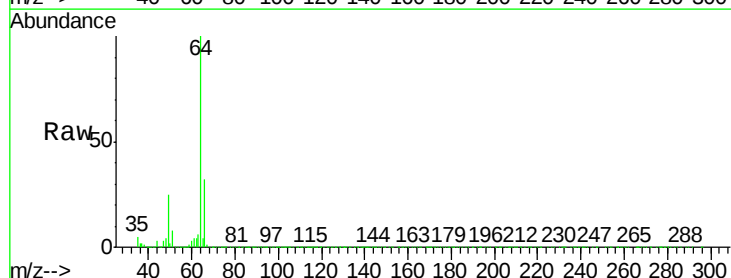
Acq: 24 Feb 2020 09:53

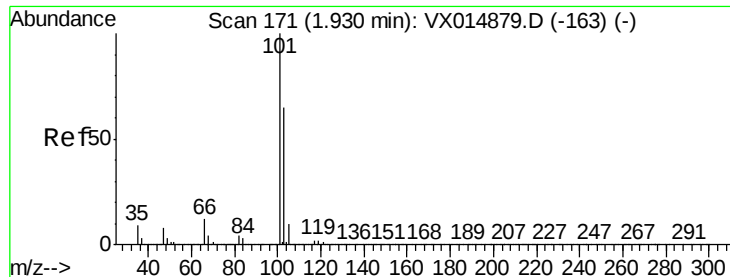
Tgt Ion: 64 Resp: 158008

Ion Ratio Lower Upper

64 100

66 32.1 26.2 39.4





#7

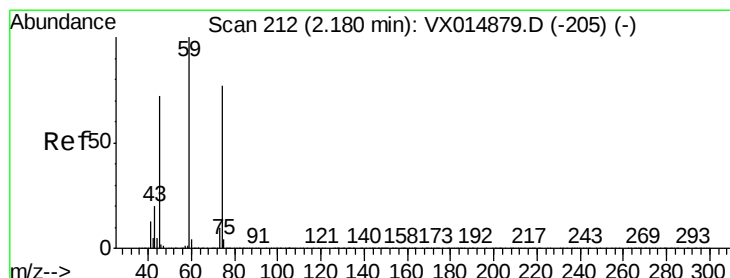
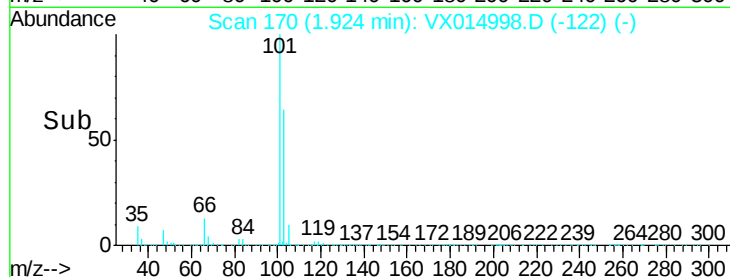
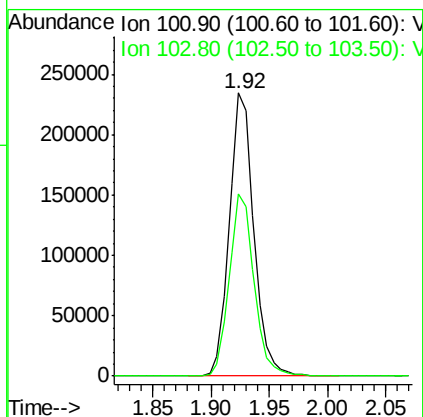
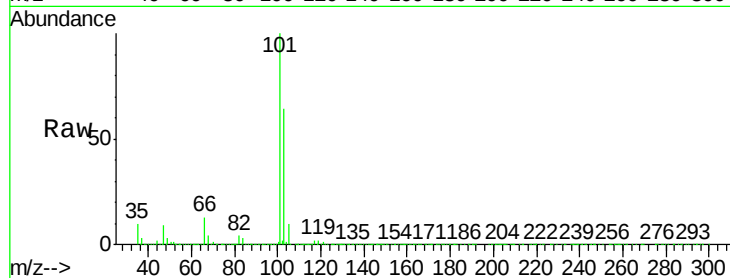
Trichlorofluoromethane
Concen: 49.406 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.2	78.4

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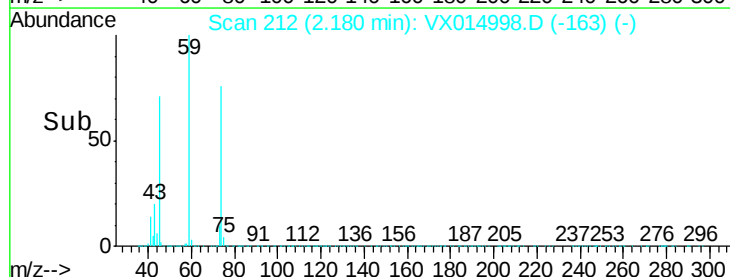
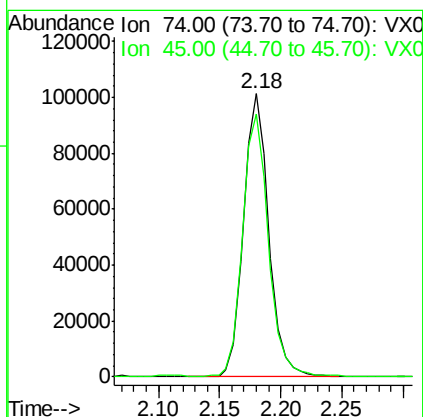
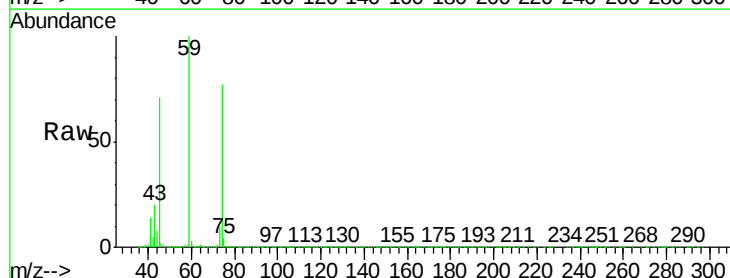
MMDadoda
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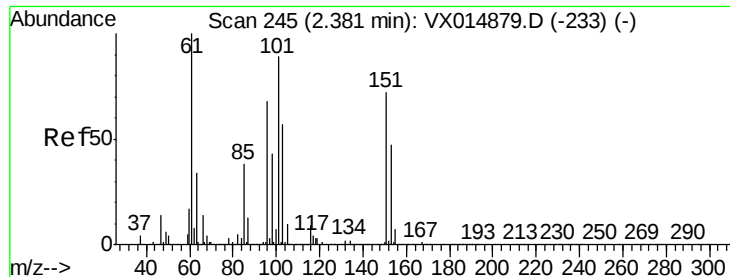


#8

Diethyl Ether
Concen: 49.689 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.9	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.754 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

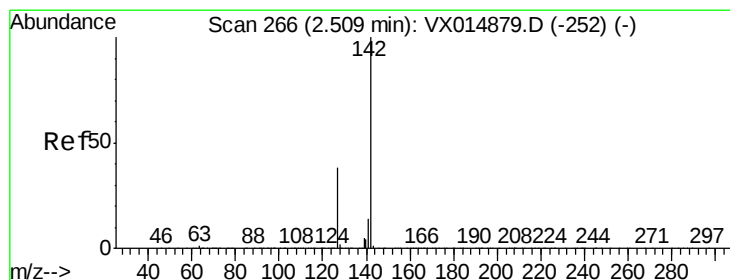
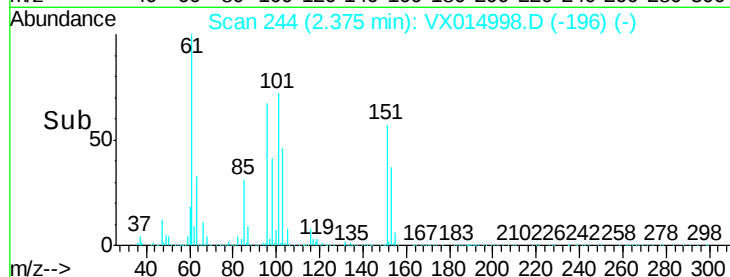
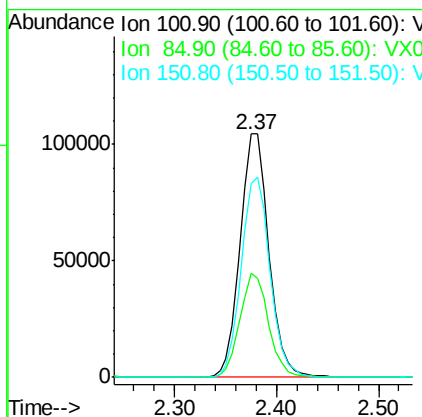
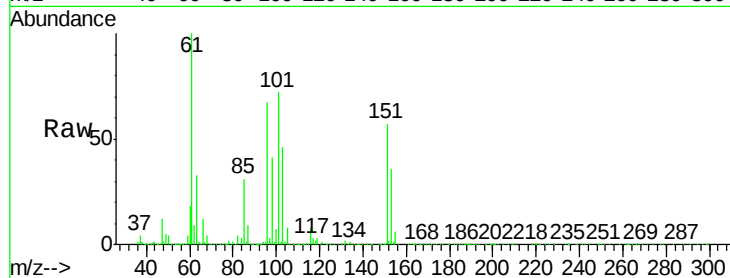
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	205508
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.1	51.1
151	82.7	67.3	100.9

Manual Integrations
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2/25/2020 9:36:31 AM



#10

Methyl Iodide

Concen: 51.628 ug/l

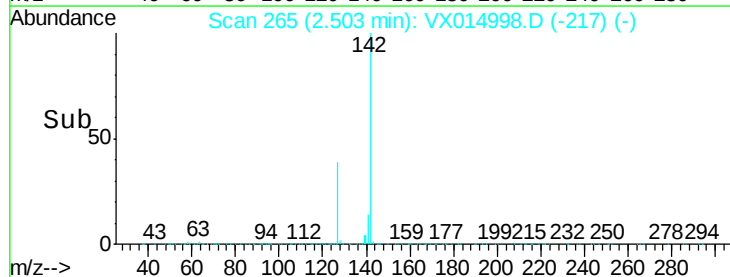
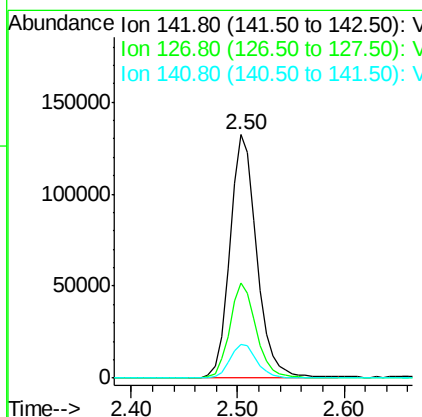
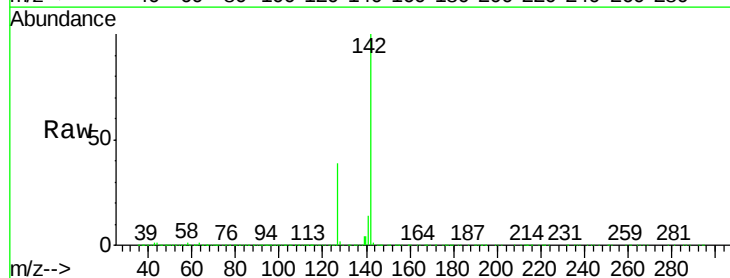
RT: 2.50 min Scan# 265

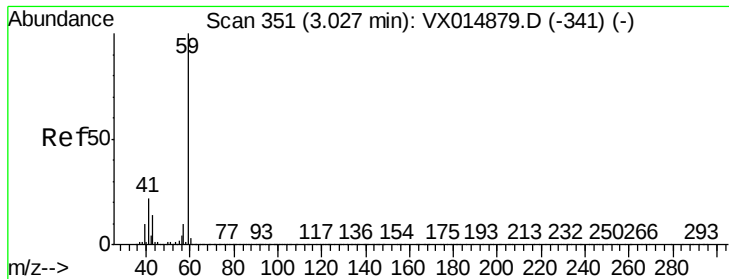
Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Tgt Ion:	142	Resp:	233751
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.1	46.7
141	14.3	11.3	16.9





#11

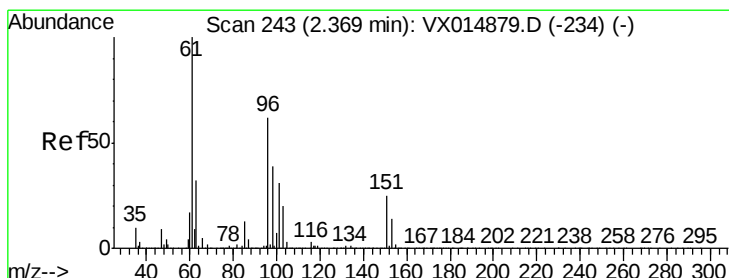
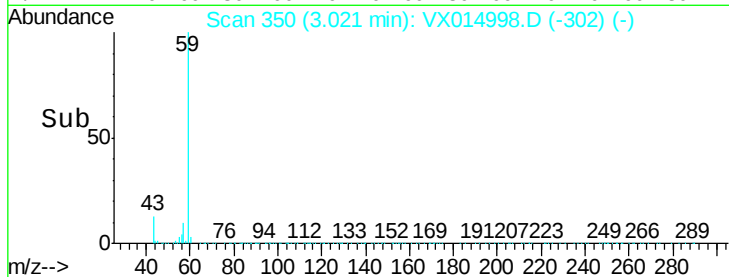
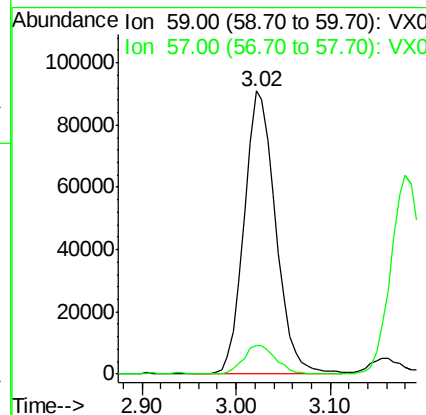
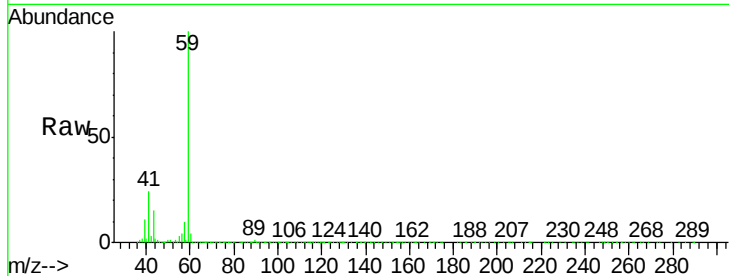
Tert butyl alcohol
Concen: 247.885 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

Manual Integrations
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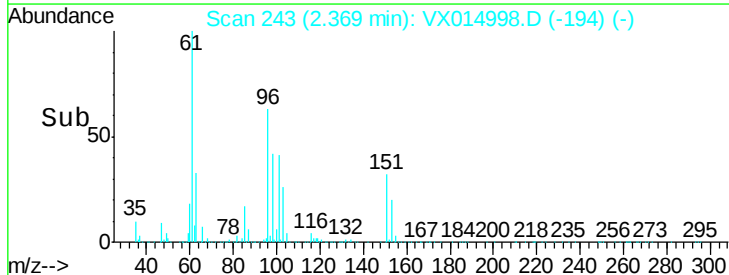
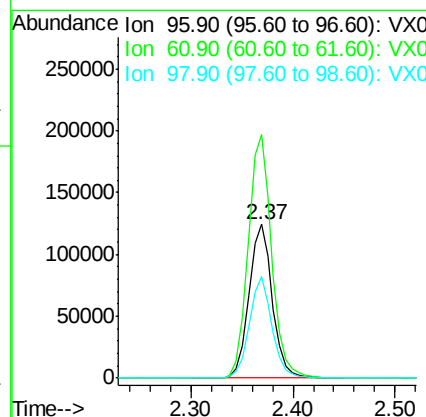
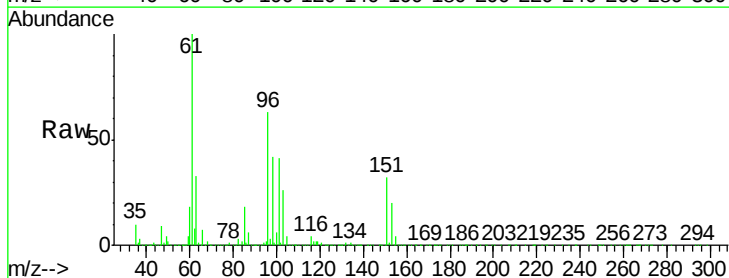
MMDadoda
2/25/2020 9:36:31 AM

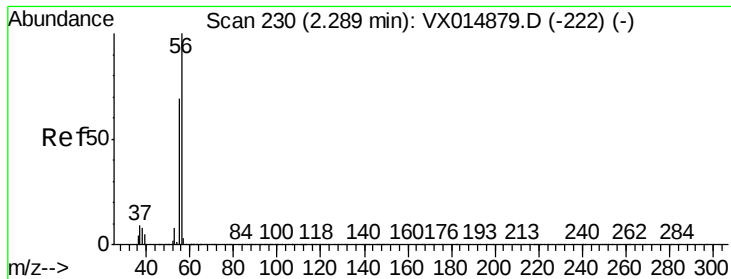


#12

1,1-Dichloroethene
Concen: 49.636 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.1	129.5	194.3
98	65.9	50.6	76.0





#13

Acrolein

Concen: 241.311 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 158200

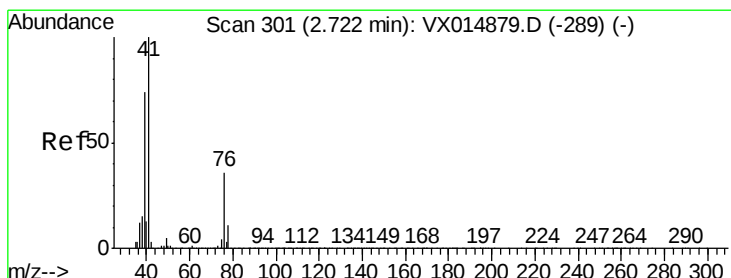
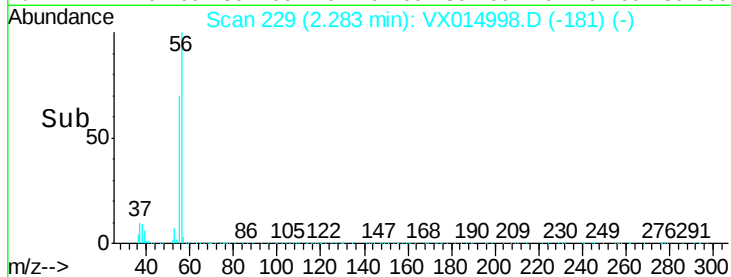
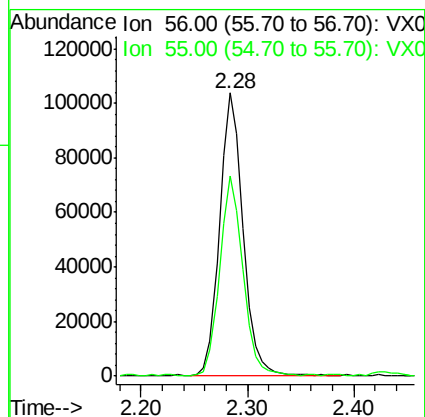
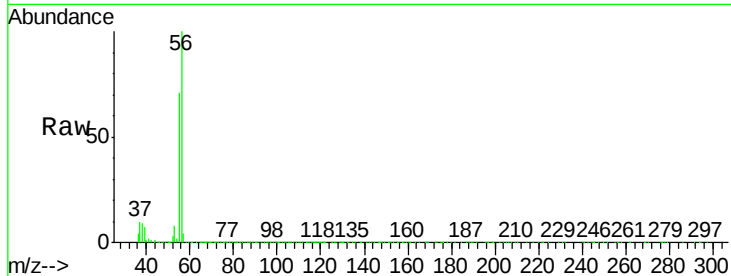
Ion Ratio Lower Upper

56 100

55 69.5 55.0 82.4

Manual Integrations
APPROVED

MMDadoda
2/25/2020 9:36:31 AM



#14

Allyl chloride

Concen: 49.783 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

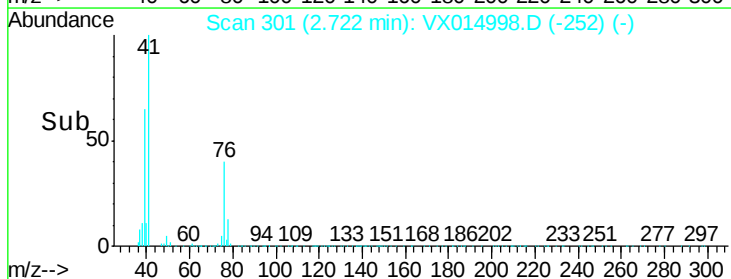
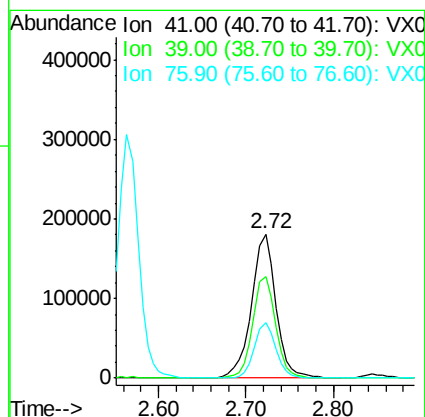
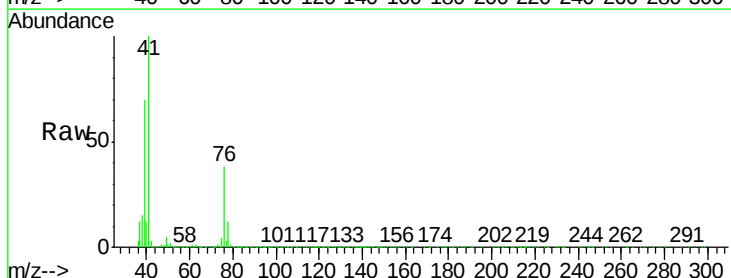
Tgt Ion: 41 Resp: 349228

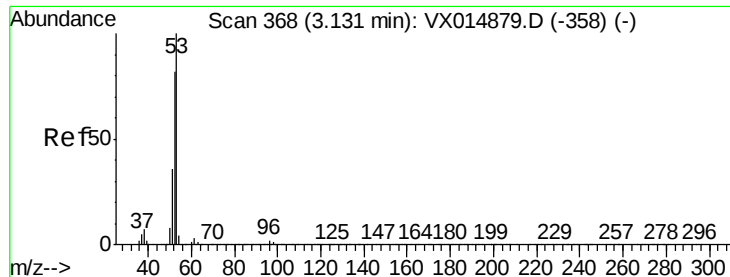
Ion Ratio Lower Upper

41 100

39 66.0 55.2 82.8

76 33.6 26.8 40.2





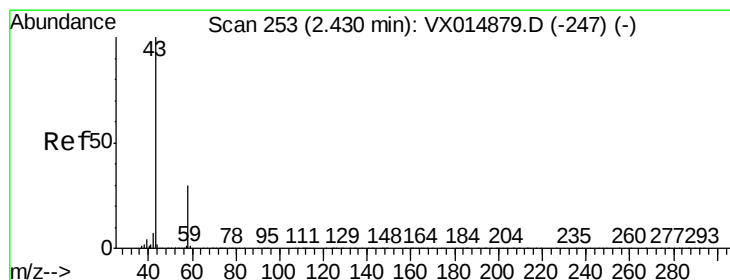
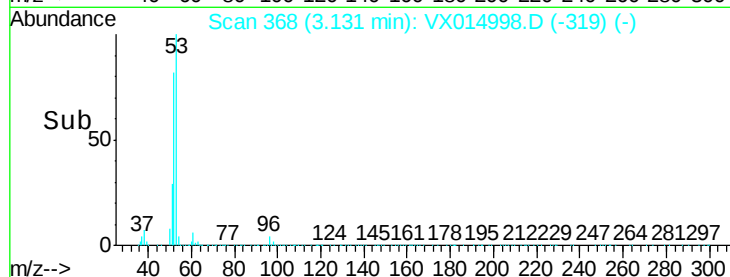
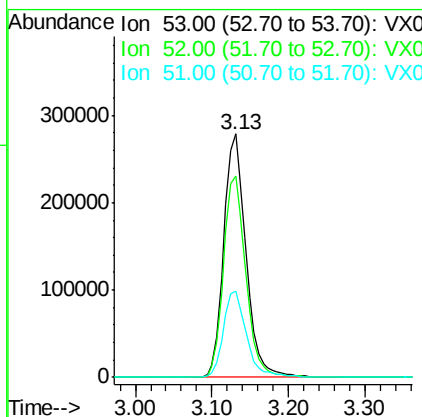
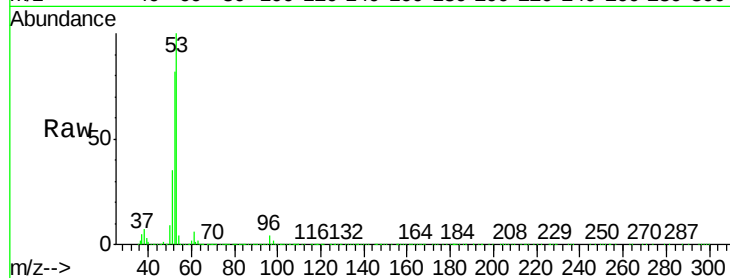
#15
 Acrylonitrile
 Concen: 256.935 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	560269
Ion Ratio		Lower	Upper
53	100		
52	83.8	65.8	98.6
51	36.4	29.1	43.7

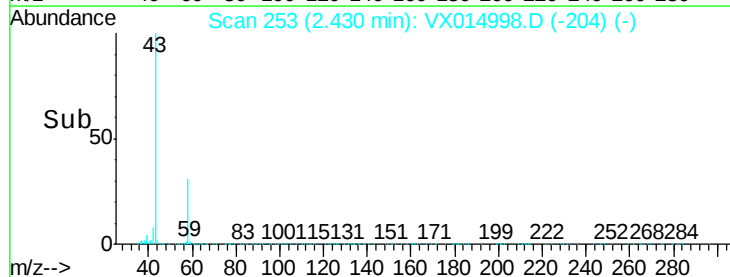
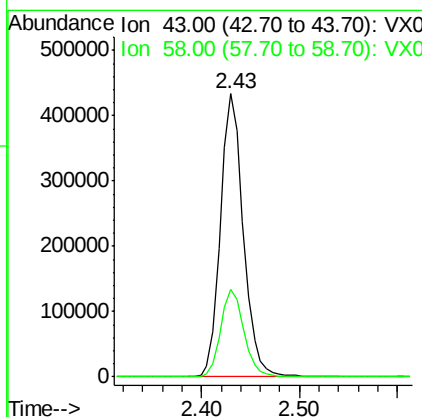
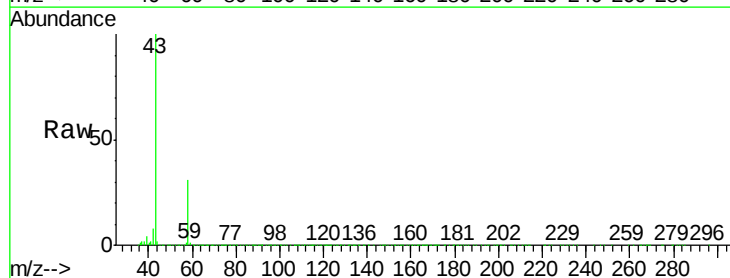
Manual Integrations
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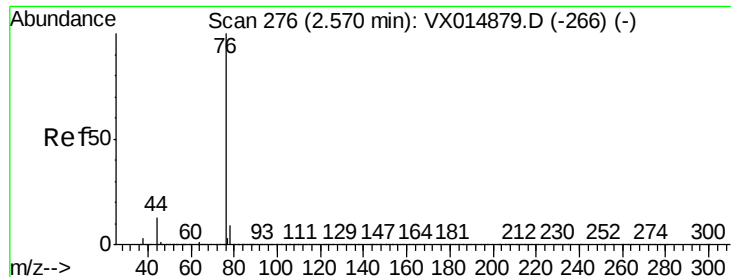
MMDadoda
 2/25/2020 9:36:31 AM



#16
 Acetone
 Concen: 268.493 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Tgt Ion:	43	Resp:	700515
Ion Ratio		Lower	Upper
43	100		
58	31.0	24.1	36.1





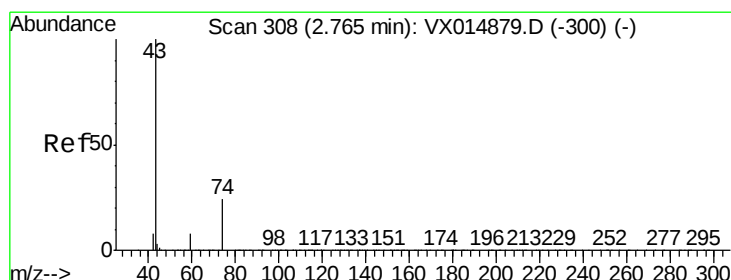
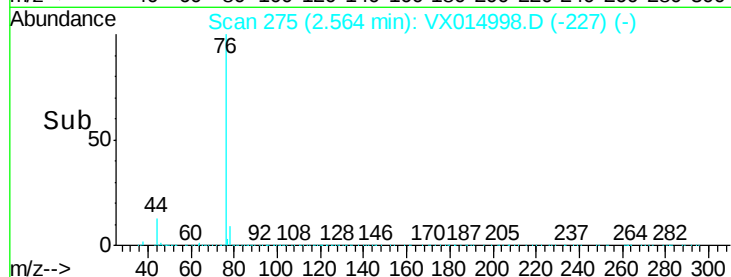
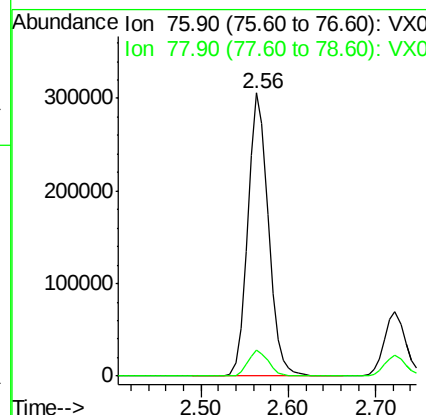
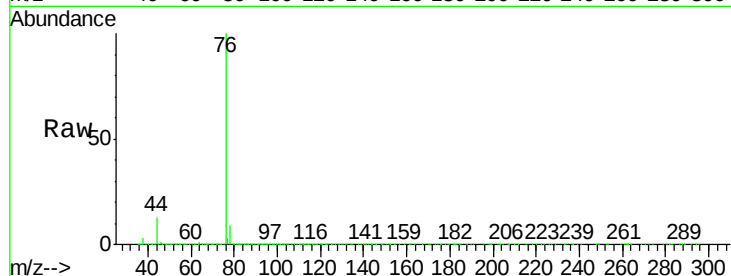
#17
Carbon Disulfide
Concen: 45.109 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

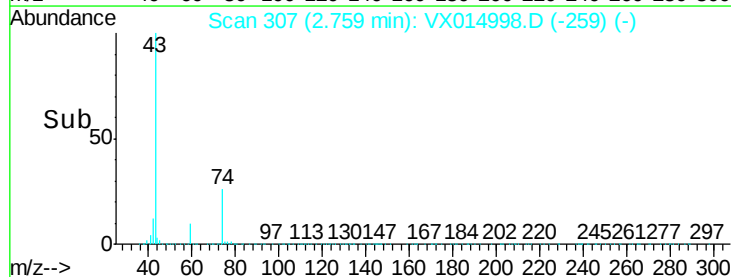
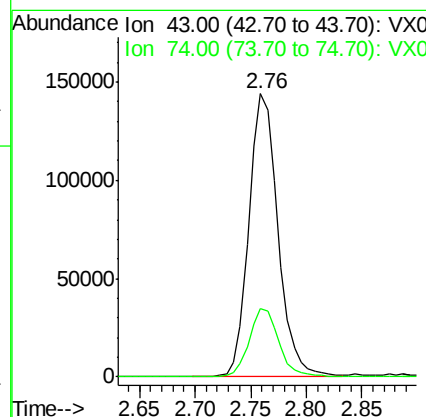
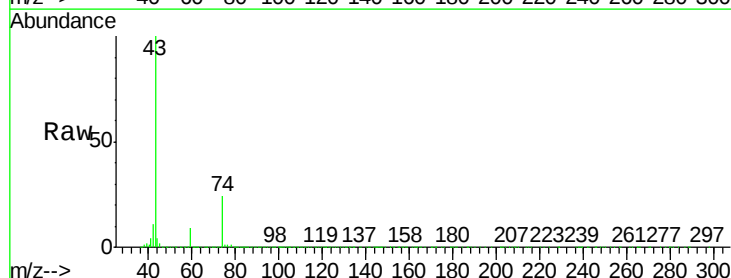
Manual Integrations
APPROVED

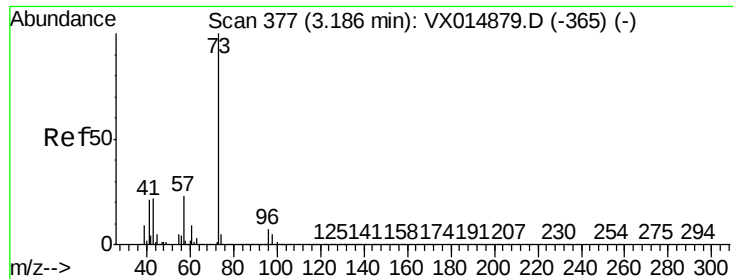
MMDadoda
2/25/2020 9:36:31 AM



#18
Methyl Acetate
Concen: 53.285 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	19.4	29.0





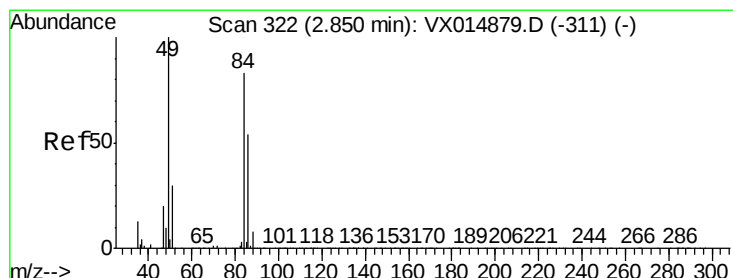
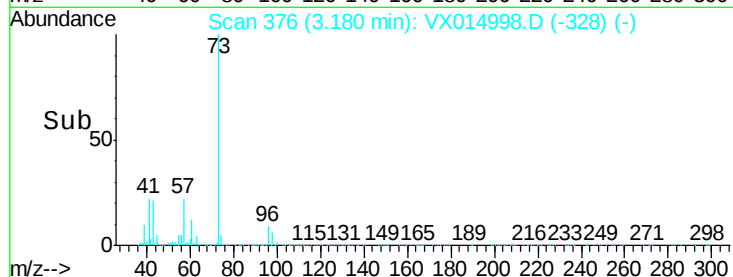
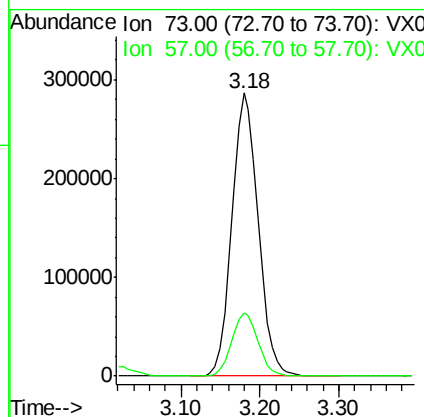
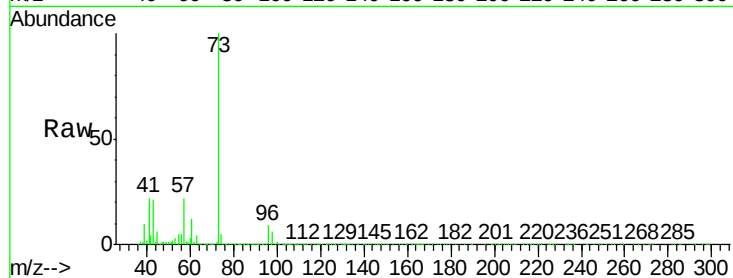
#19
Methvl tert-butvl Ether
Concen: 51.502 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.2	27.4

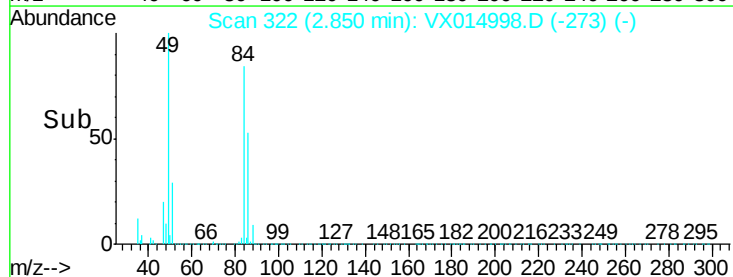
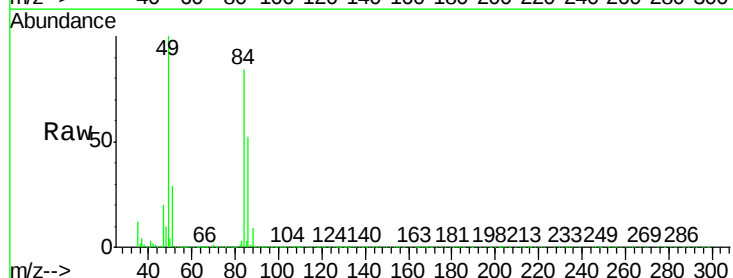
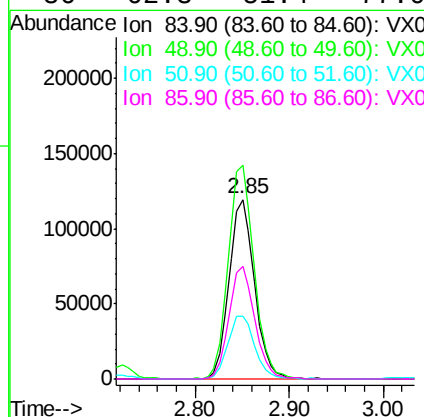
Manual Integrations
APPROVED

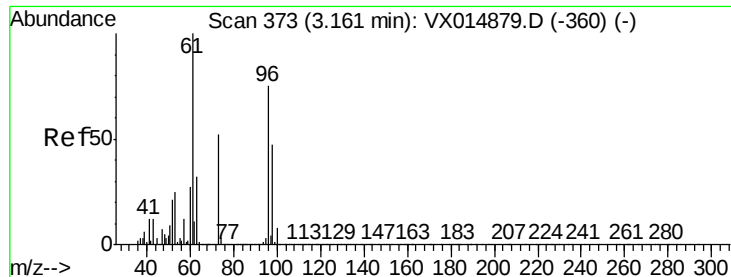
MMDadoda
2/25/2020 9:36:31 AM



#20
Methylene Chloride
Concen: 47.874 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.8	95.6	143.4
51	34.9	29.0	43.6
86	62.3	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 47.644 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

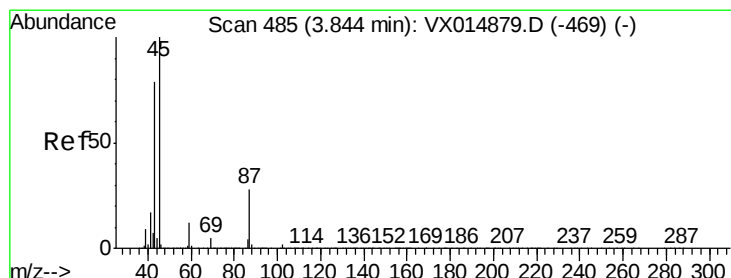
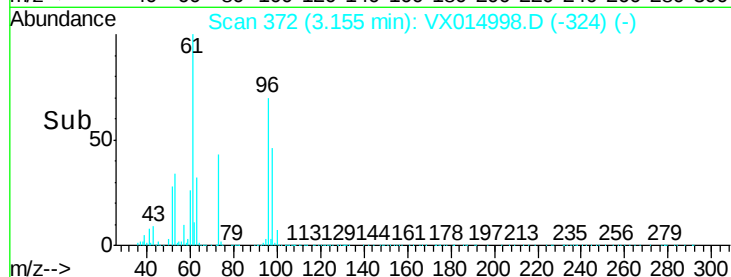
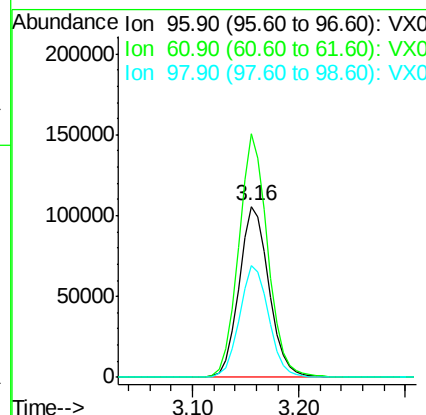
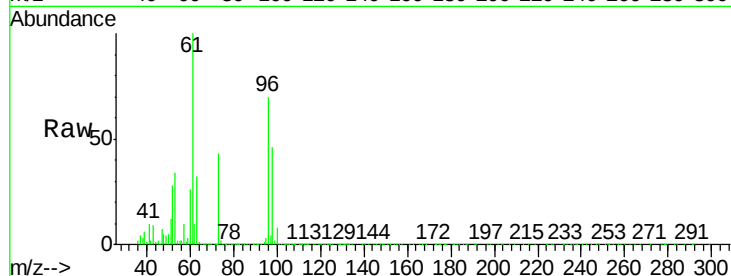
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	208007
Ion Ratio	Lower	Upper	
96	100		
61	142.5	106.9	160.3
98	65.4	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.205 ug/l

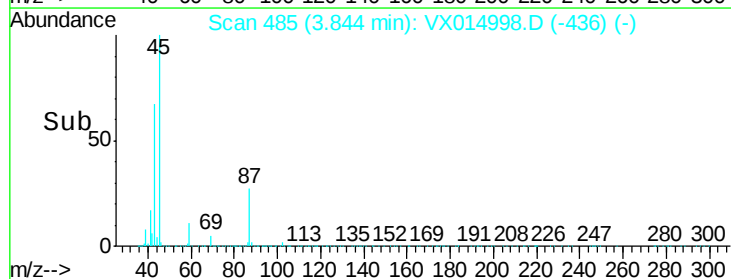
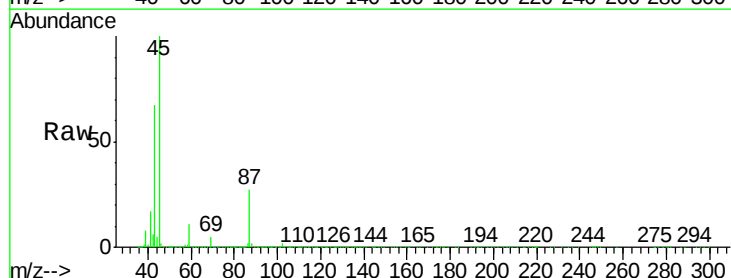
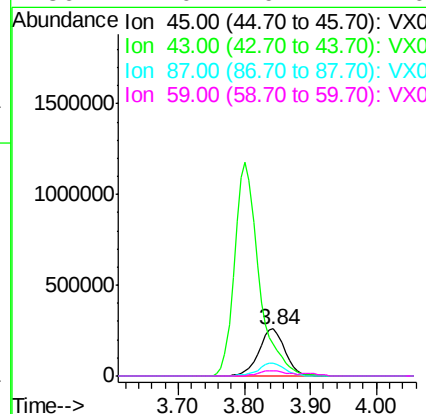
RT: 3.84 min Scan# 485

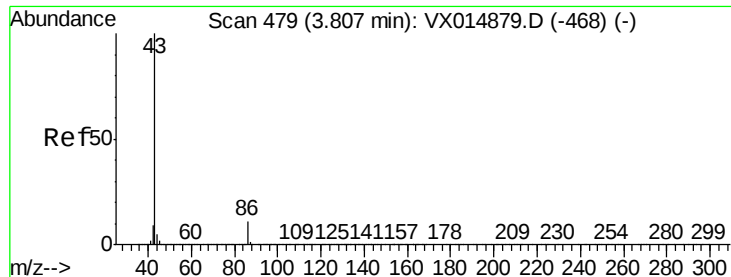
Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Tgt Ion:	45	Resp:	712843
Ion Ratio	Lower	Upper	
45	100		
43	66.7	63.5	95.3
87	26.7	22.2	33.4
59	11.0	9.4	14.0





#23

Vinyl Acetate

Concen: 271.997 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3004133

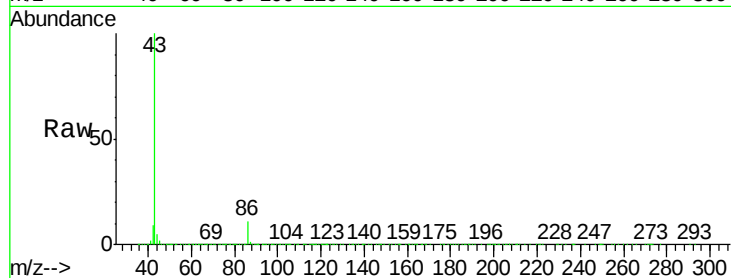
Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3

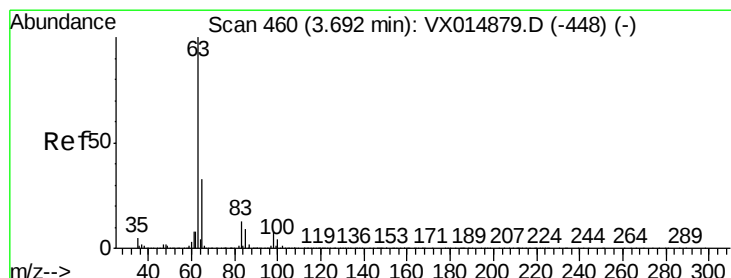
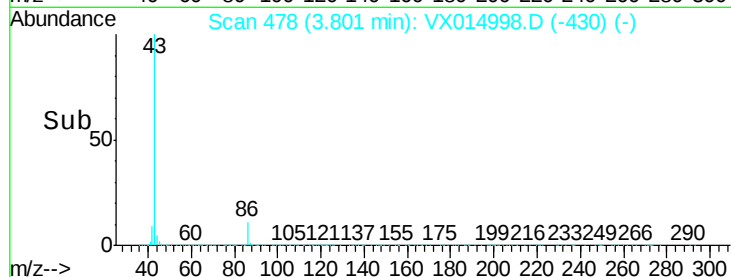
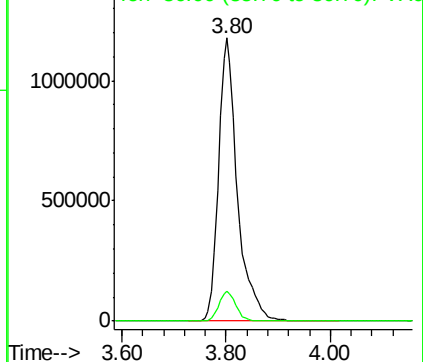
Manual Integrations
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MMDadoda
2/25/2020 9:36:31 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.918 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

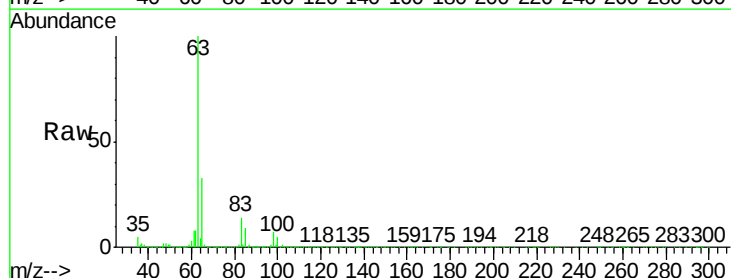
Tgt Ion: 63 Resp: 385025

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

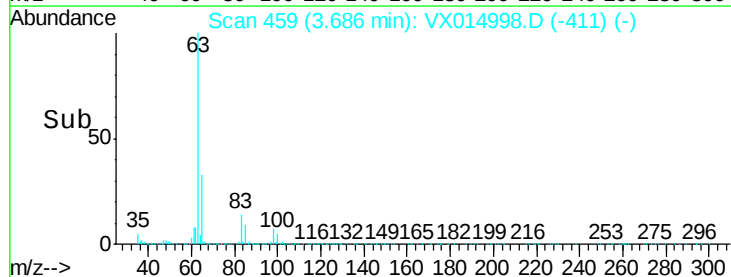
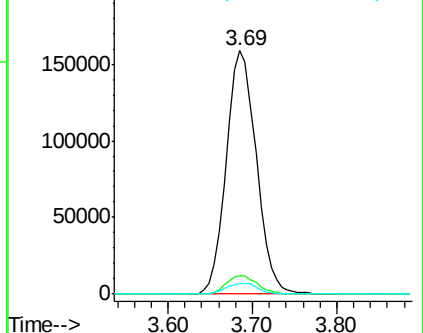
100 4.6 2.2 6.6

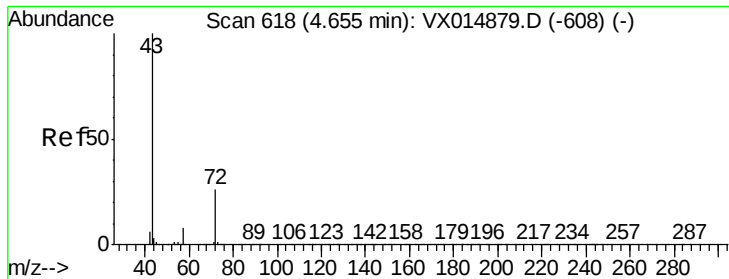


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 264.473 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 877163

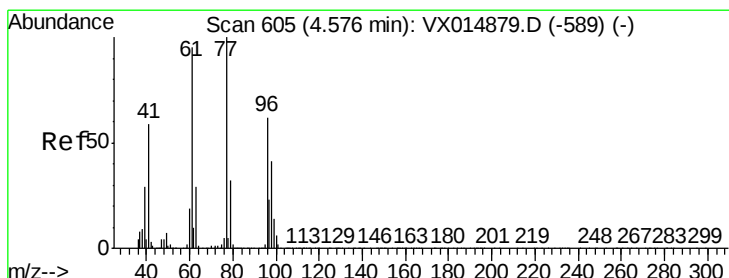
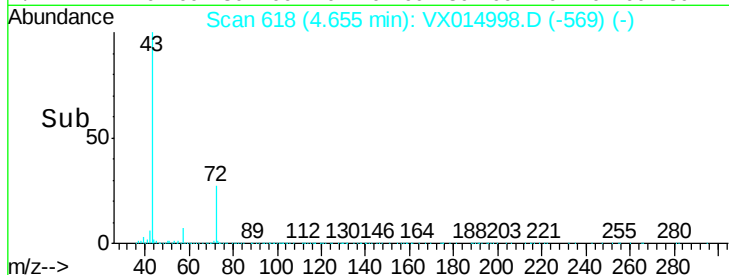
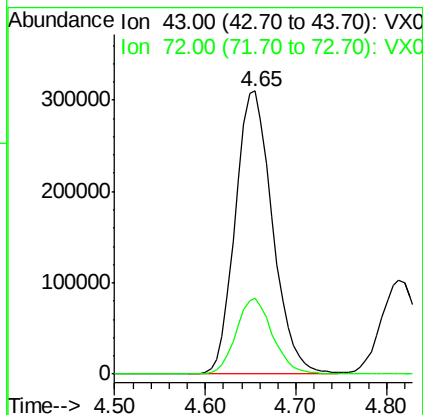
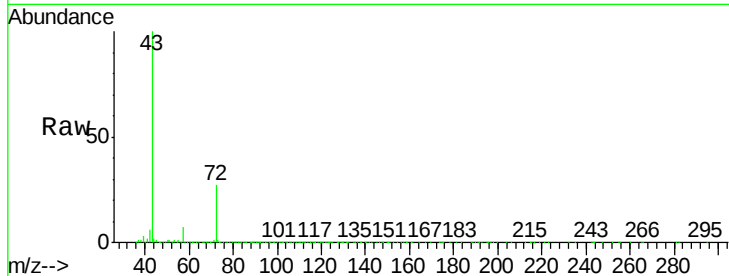
Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6

Manual Integrations
APPROVED

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2/25/2020 9:36:31 AM



#26

2,2-Dichloropropane

Concen: 49.318 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014998.D

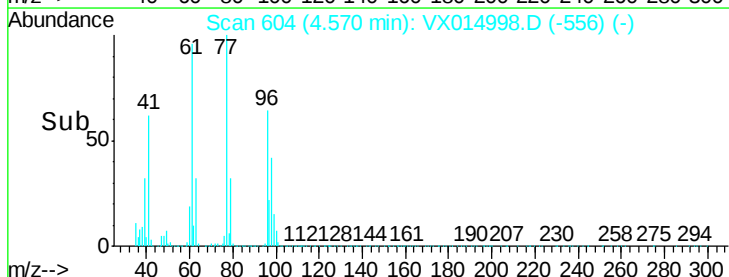
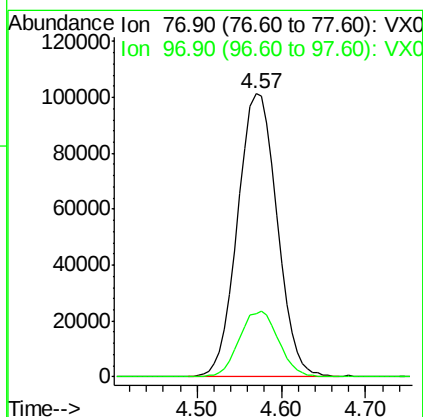
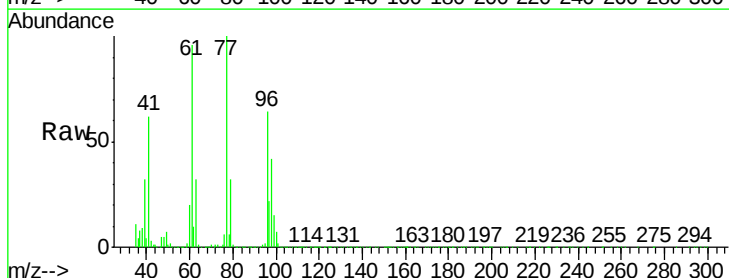
Acq: 24 Feb 2020 09:53

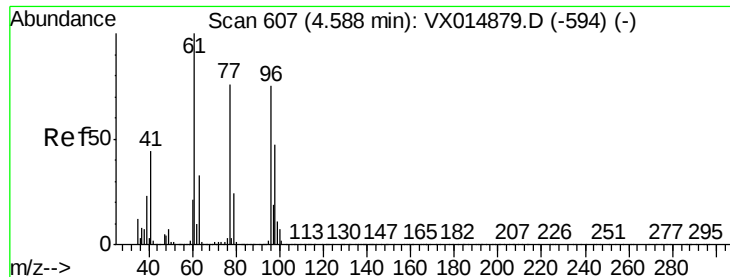
Tgt Ion: 77 Resp: 321383

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.5





#27

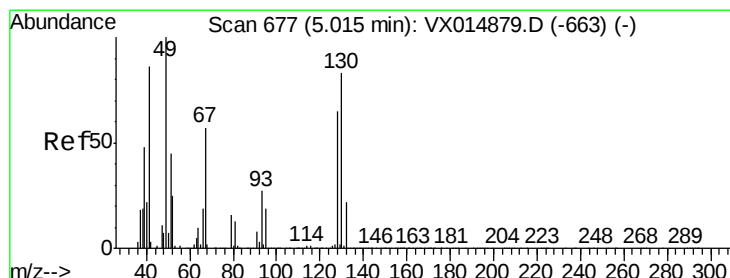
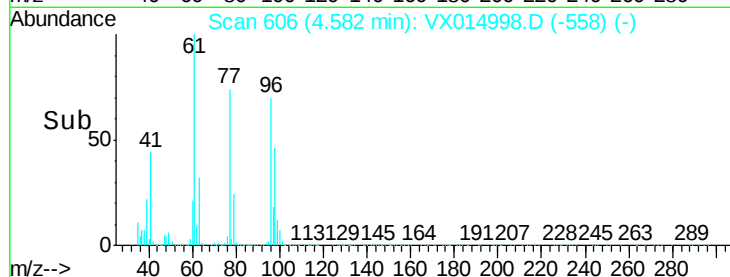
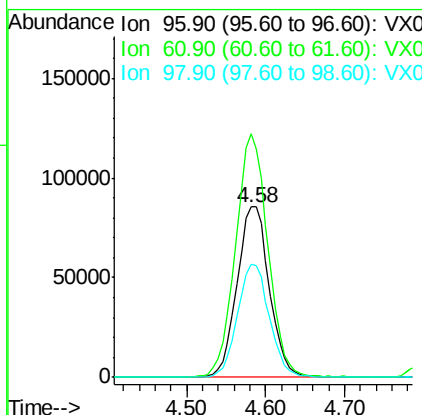
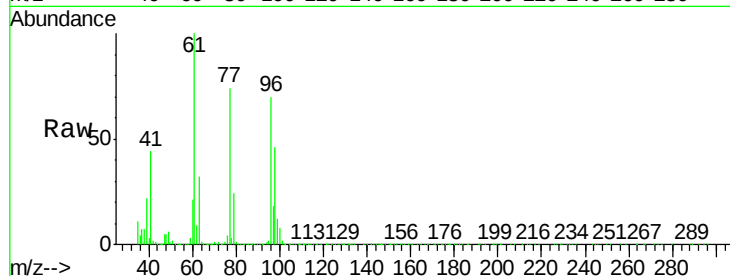
cis-1,2-Dichloroethene
Concen: 49.974 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	243889		
61	142.2	0.0	286.2	
98	65.3	0.0	131.0	

Manual Integrations
APPROVED

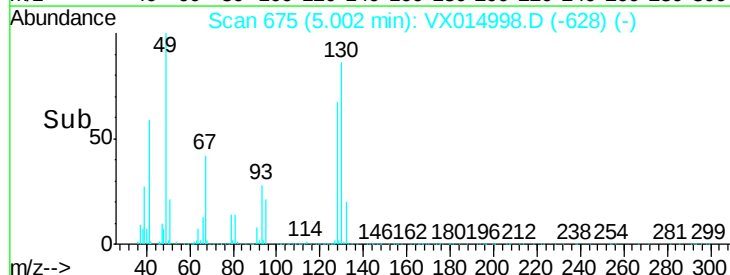
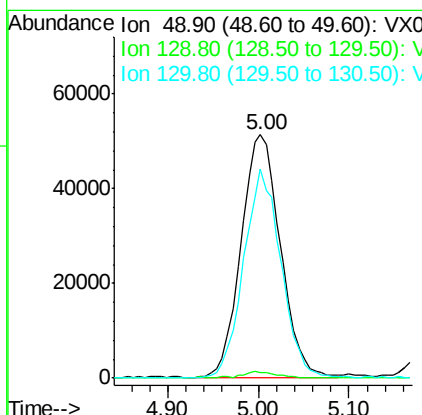
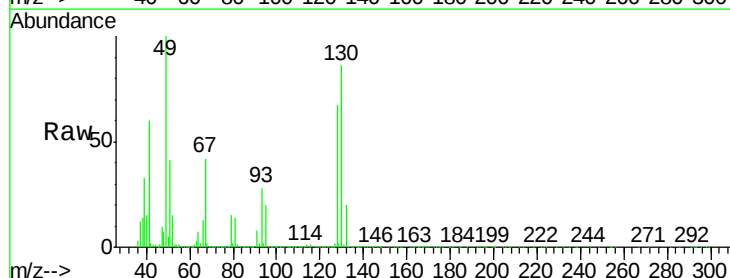
MMDadoda
2/25/2020 9:36:31 AM

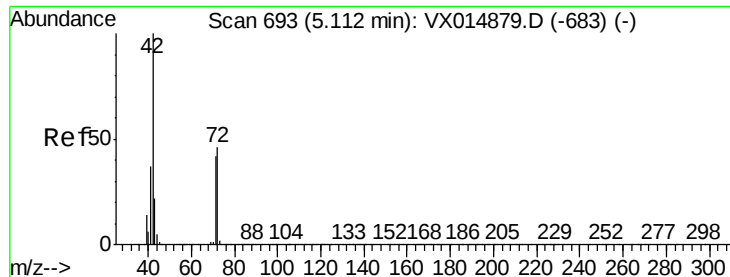


#28

Bromochloromethane
Concen: 52.309 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	153314		
129	2.4	0.0	5.2	
130	81.8	67.4	101.2	





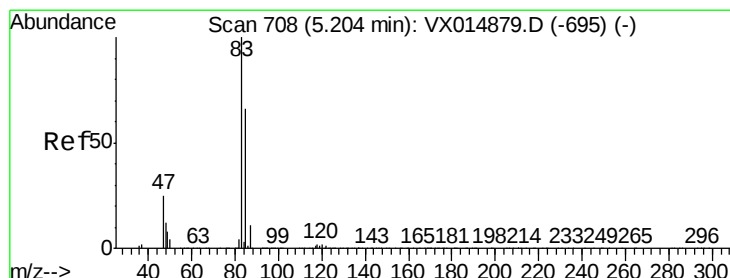
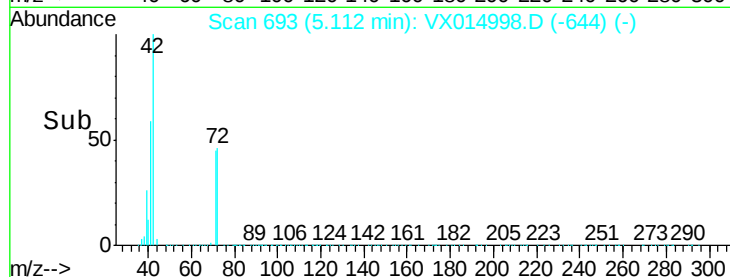
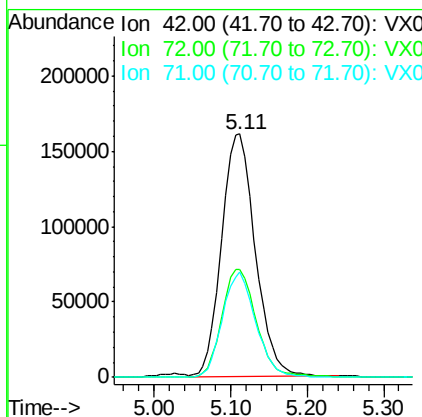
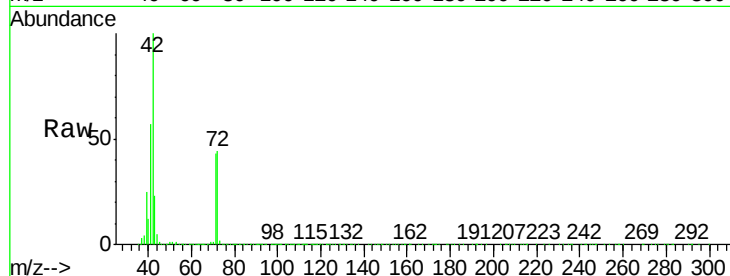
#29
Tetrahydrofuran
Concen: 260.938 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	491973
Ion Ratio		Lower	Upper
42	100		
72	45.8	36.9	55.3
71	42.7	34.1	51.1

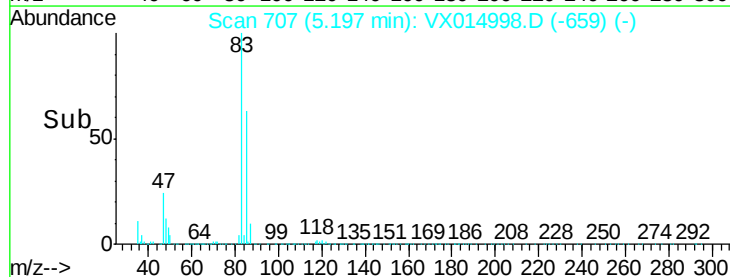
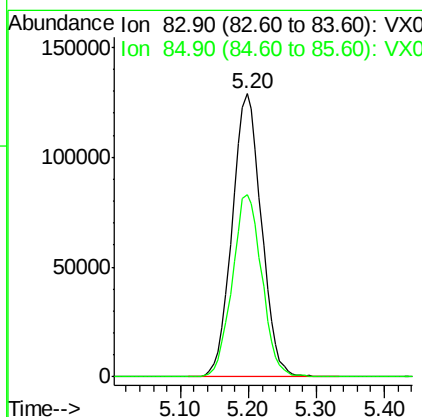
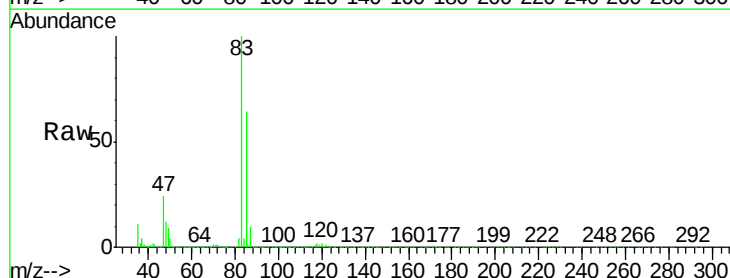
Manual Integrations
APPROVED

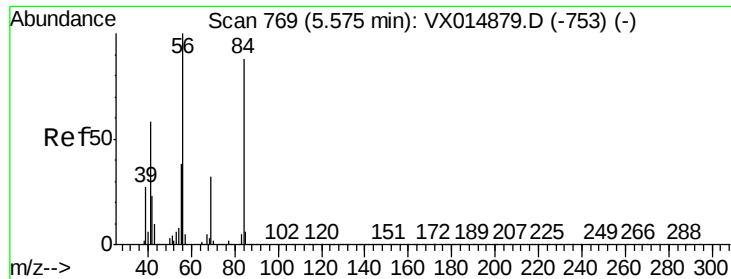
MMDadoda
2/25/2020 9:36:31 AM



#30
Chloroform
Concen: 51.126 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion:	83	Resp:	383558
Ion Ratio		Lower	Upper
83	100		
85	64.2	52.9	79.3





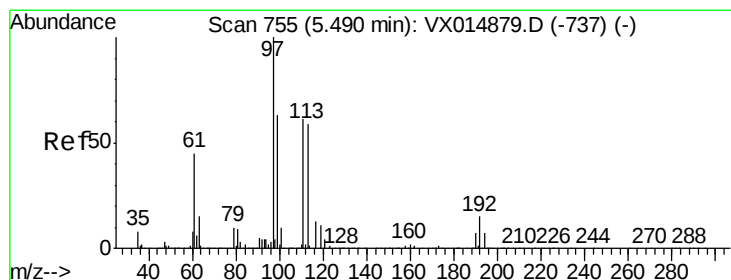
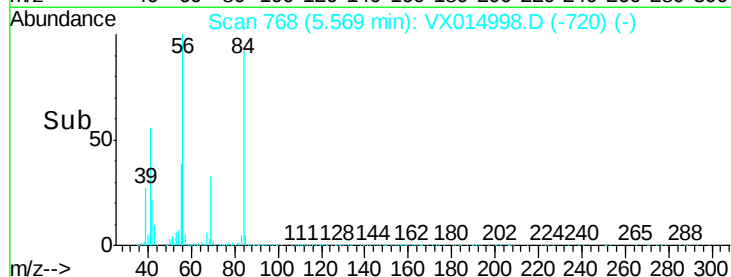
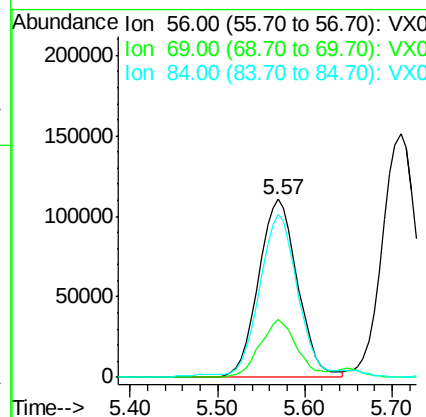
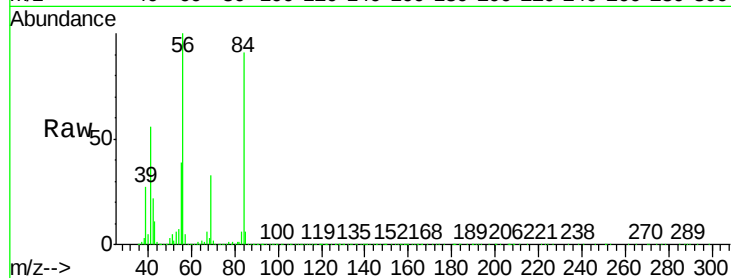
#31
Cyclohexane
Concen: 49.780 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.7	25.9	38.9
84	90.5	70.4	105.6

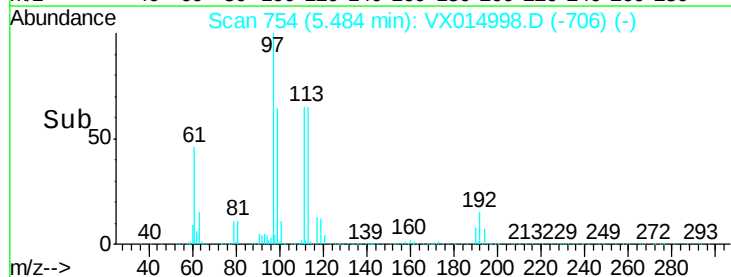
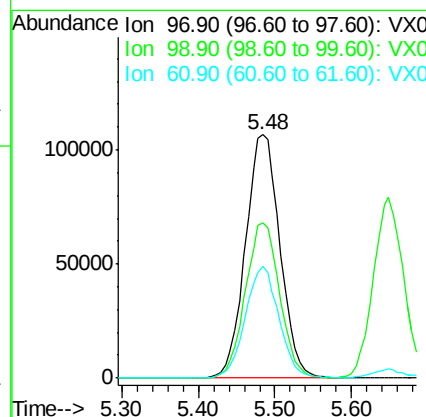
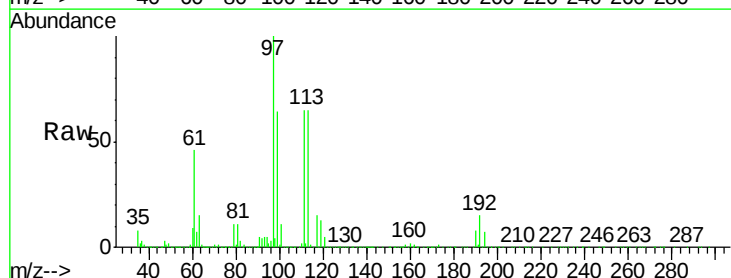
Manual Integrations
APPROVED

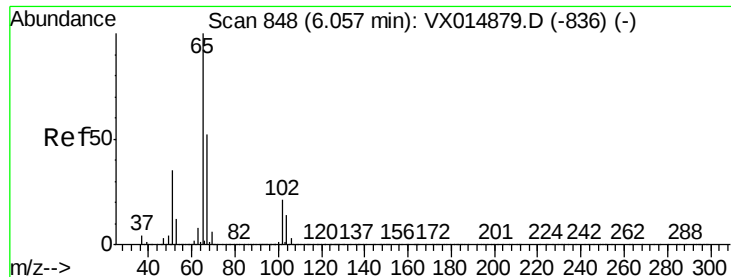
MMDadoda
2/25/2020 9:36:31 AM



#32
1,1,1-Trichloroethane
Concen: 50.672 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

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





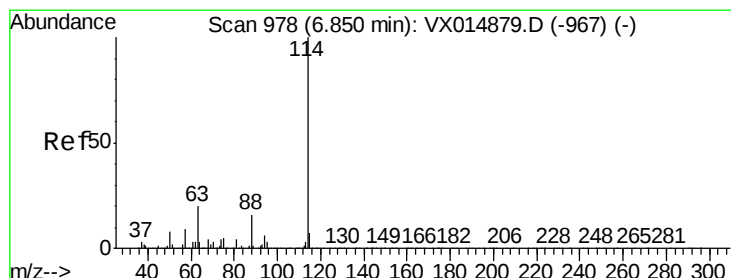
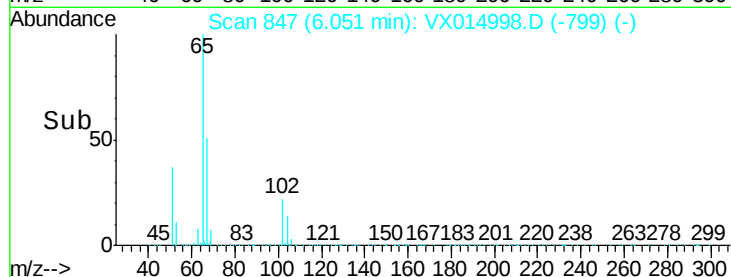
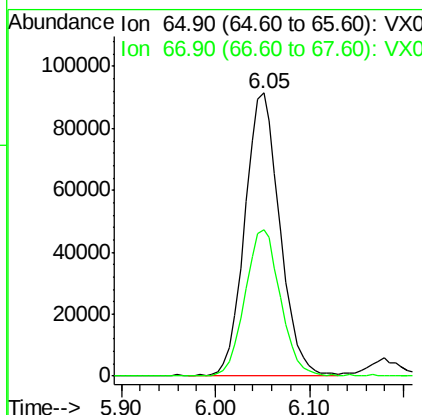
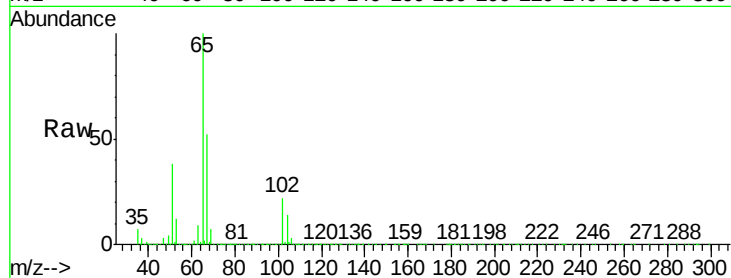
#33
 1,2-Dichloroethane-d4
 Concen: 48.661 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	237061		
67	52.2	0.0	103.0	

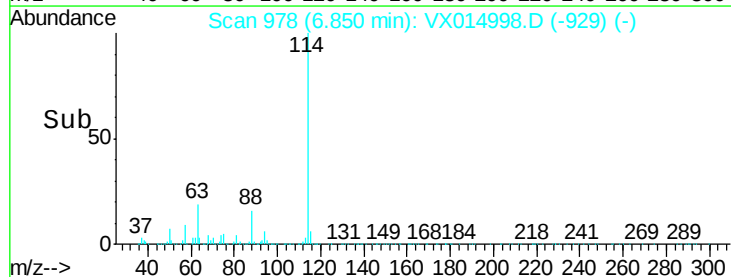
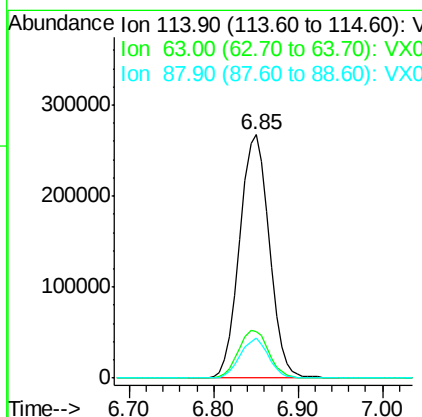
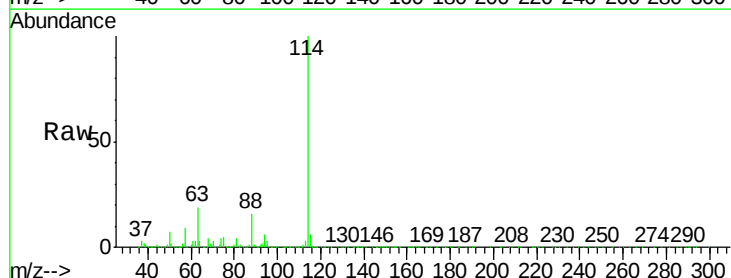
Manual Integrations
 APPROVED

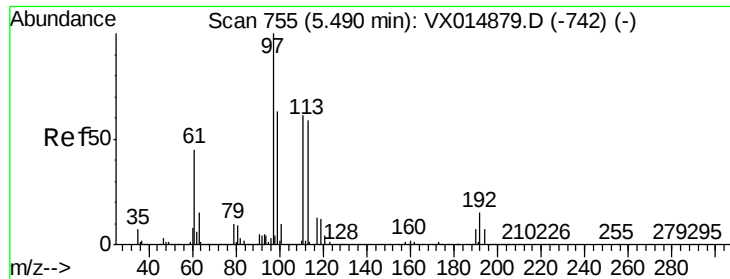
MMDadoda
 2/25/2020 9:36:31 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	637374		
63	19.2	0.0	39.2	
88	16.4	0.0	32.0	





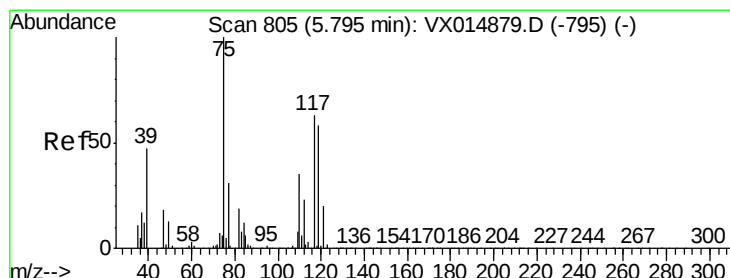
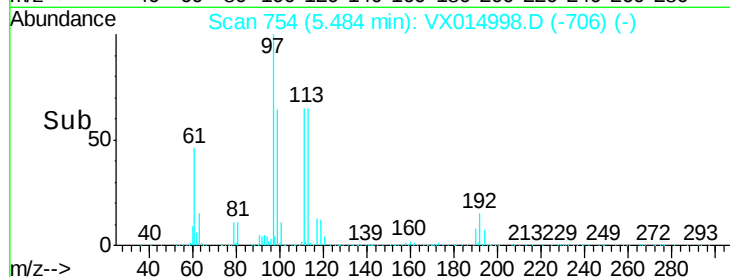
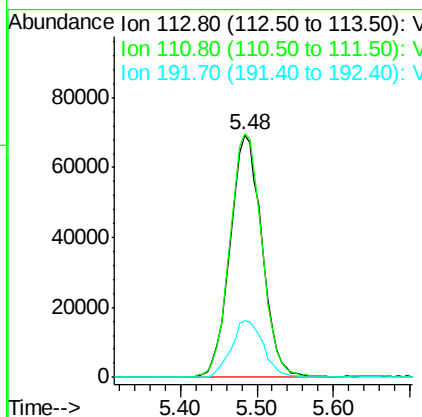
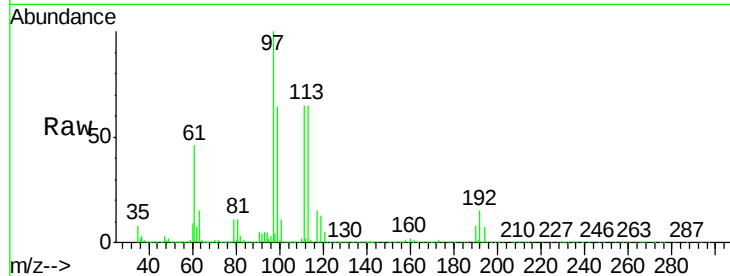
#35
Dibromofluoromethane
Concen: 50.828 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	199165		
111	101.1	82.4	123.6	
192	23.9	19.1	28.7	

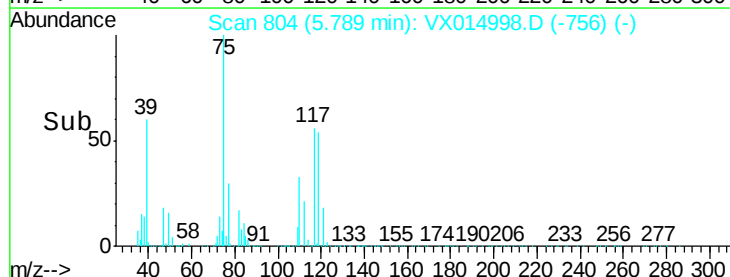
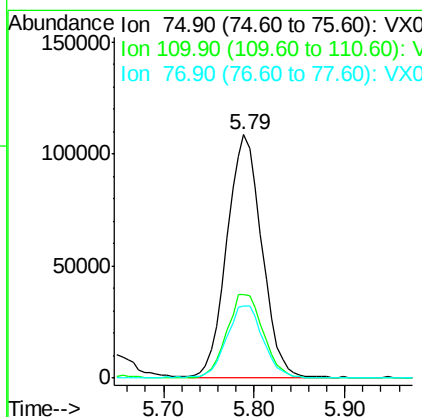
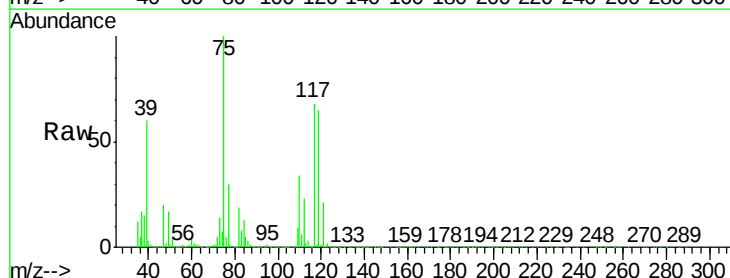
Manual Integrations
APPROVED

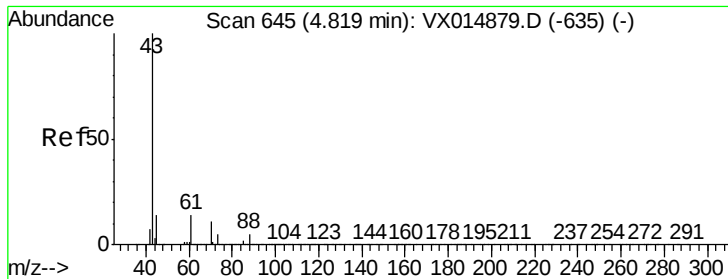
MMDadoda
2/25/2020 9:36:31 AM



#36
1,1-Dichloropropene
Concen: 50.702 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	289075		
110	35.9	18.3	54.8	
77	31.0	24.6	36.8	





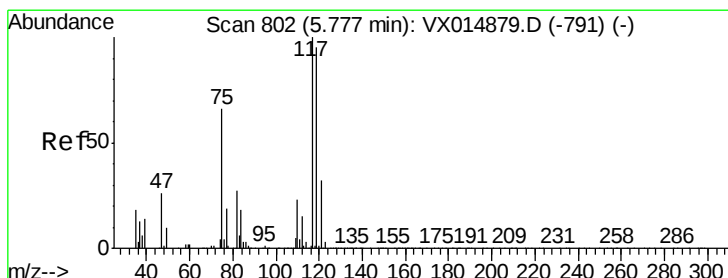
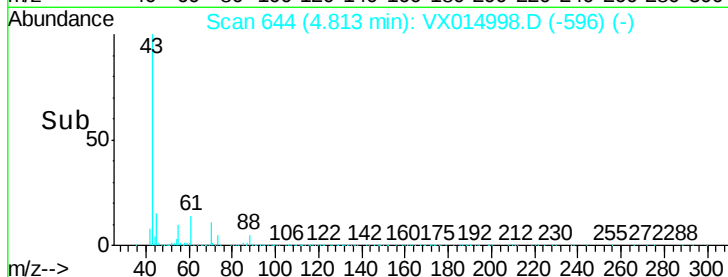
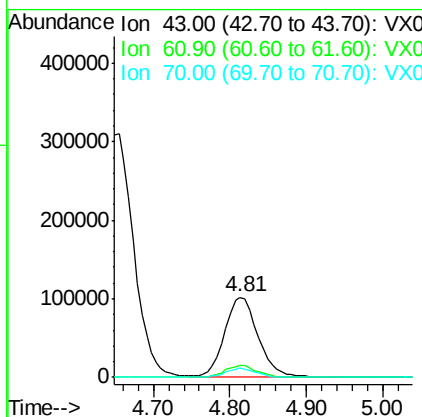
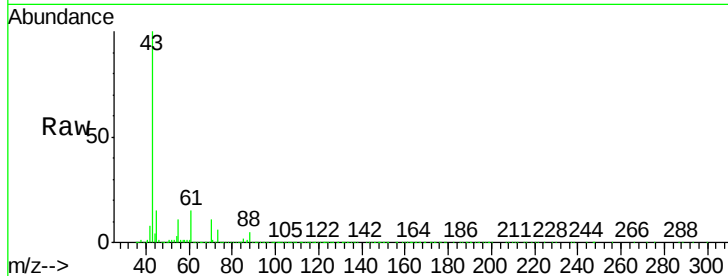
#37
Ethyl Acetate
Concen: 51.091 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.9	16.3
70	10.6	8.7	13.1

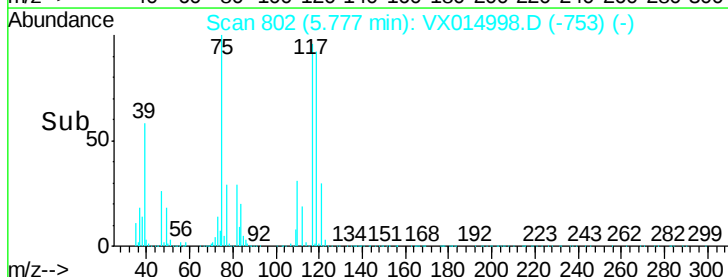
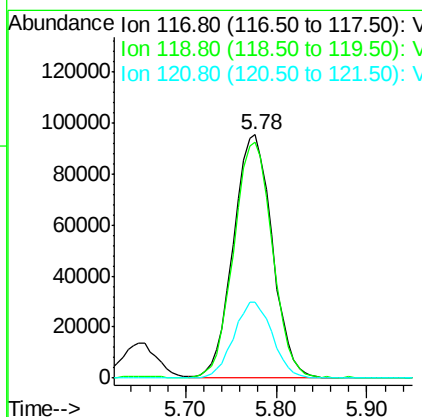
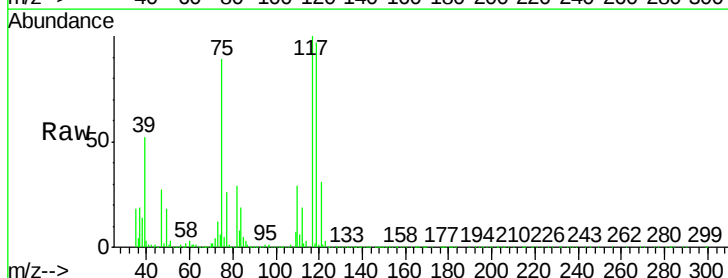
Manual Integrations
APPROVED

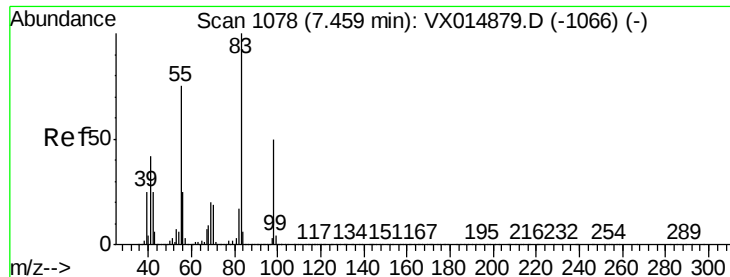
MMDadoda
2/25/2020 9:36:31 AM



#38
Carbon Tetrachloride
Concen: 50.819 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.0	114.0
121	30.9	25.4	38.2





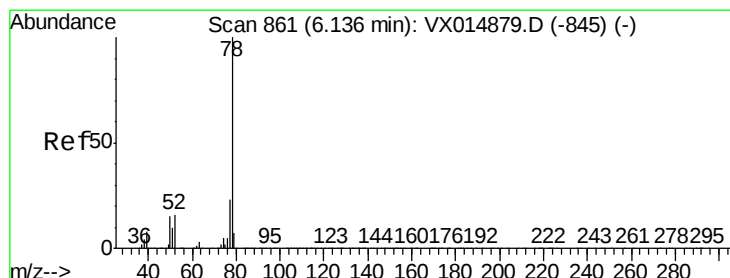
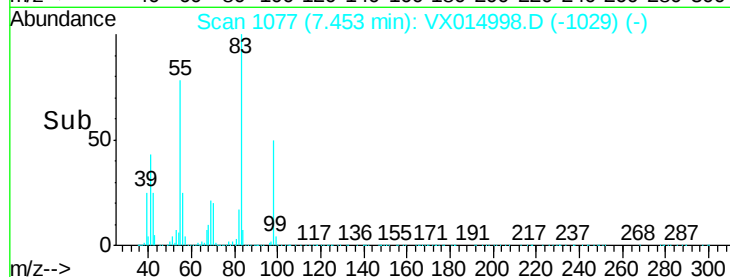
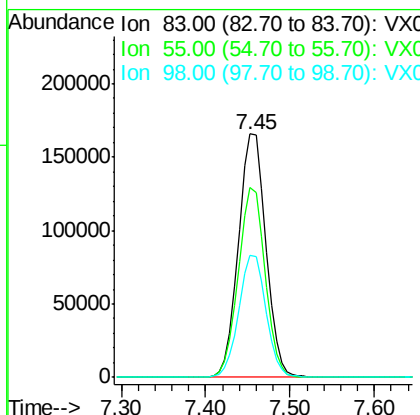
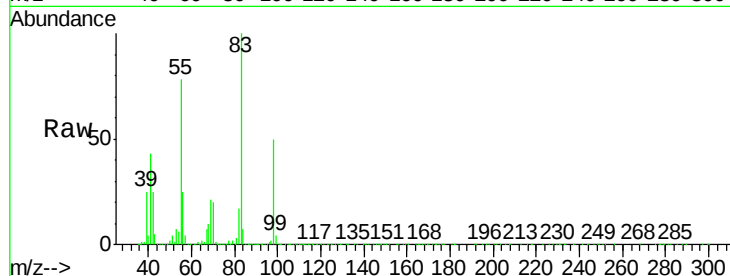
#39
Methvlcvclohexane
Concen: 50.763 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	60.0	90.0
98	50.3	39.6	59.4

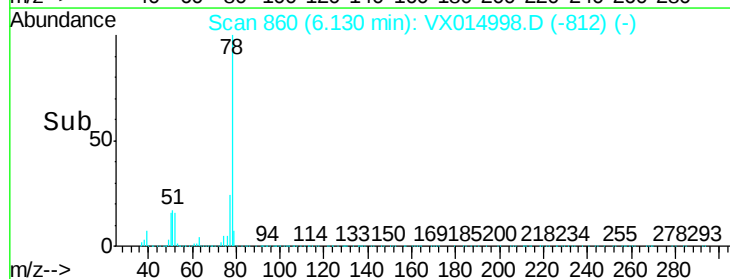
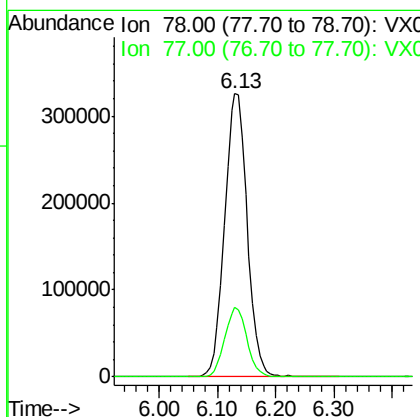
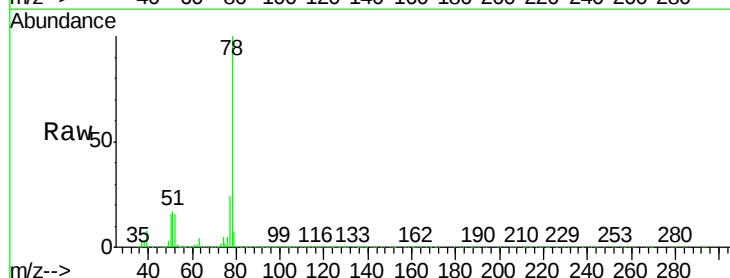
Manual Integrations
APPROVED

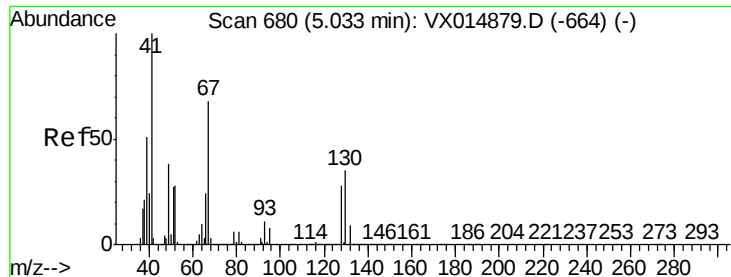
MMDadoda
2/25/2020 9:36:31 AM



#40
Benzene
Concen: 51.439 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2





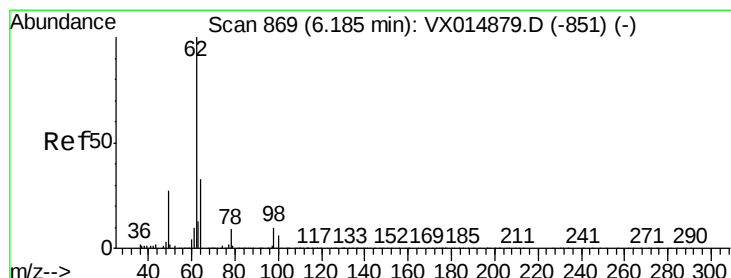
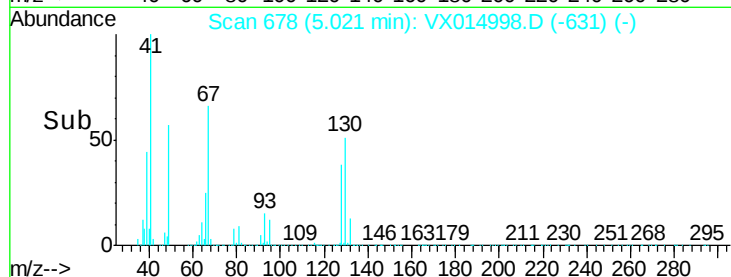
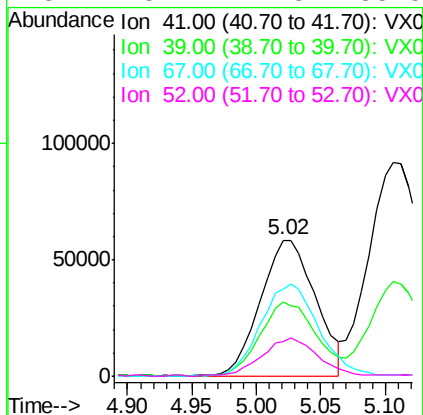
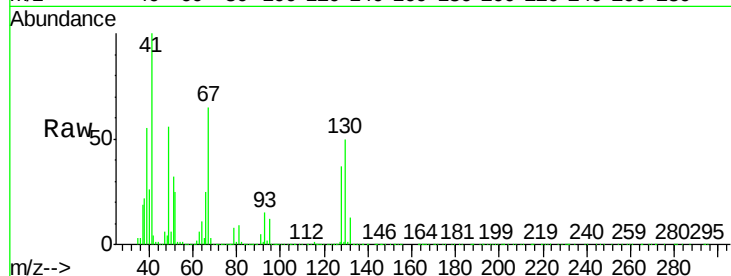
#41
Methacrylonitrile
Concen: 53.910 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	44.7	67.1	
67	71.4	56.6	84.8	
52	28.2	22.3	33.5	

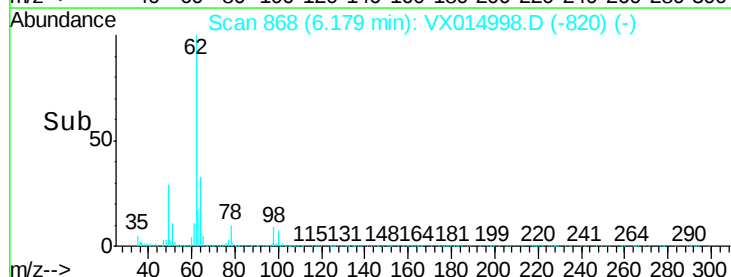
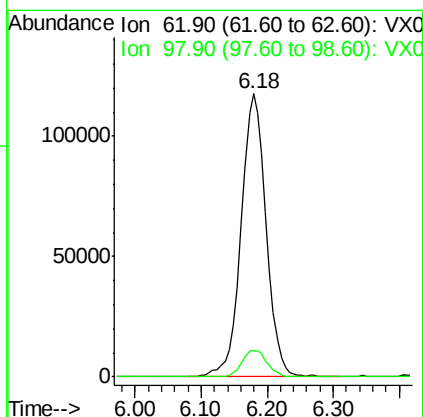
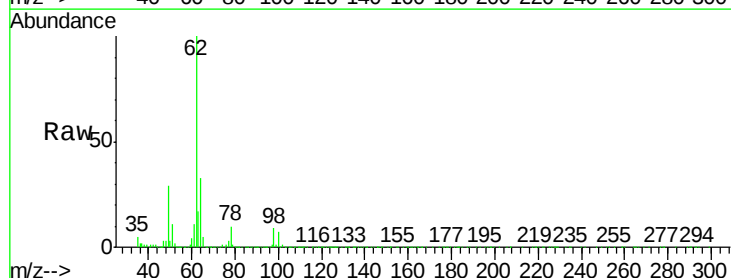
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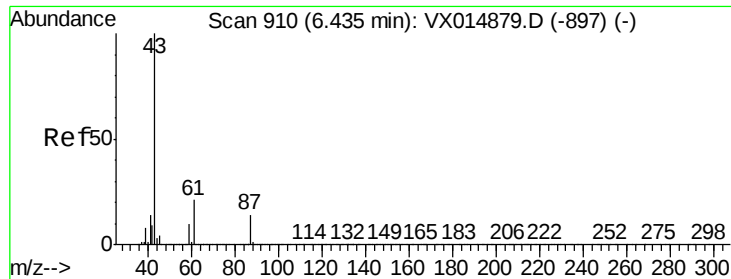
MMDadoda
2/25/2020 9:36:31 AM



#42
1,2-Dichloroethane
Concen: 50.213 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	19.2	





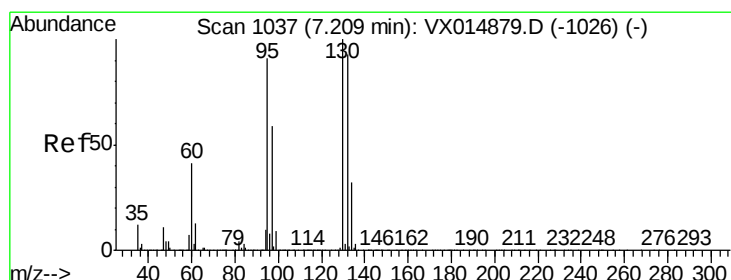
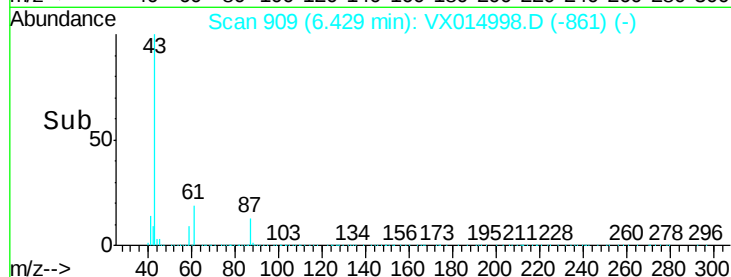
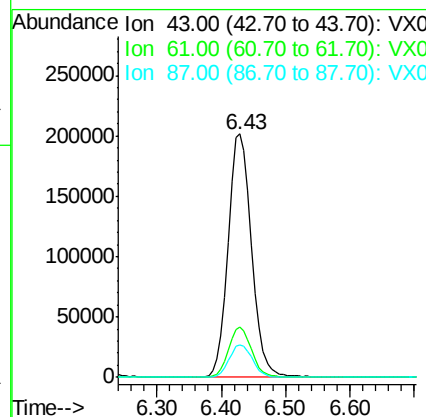
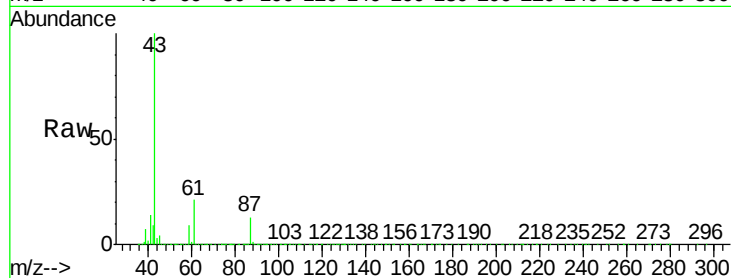
#43
Isopropyl Acetate
Concen: 52.706 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	517024
Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.2	24.4
87	13.2	11.0	16.6

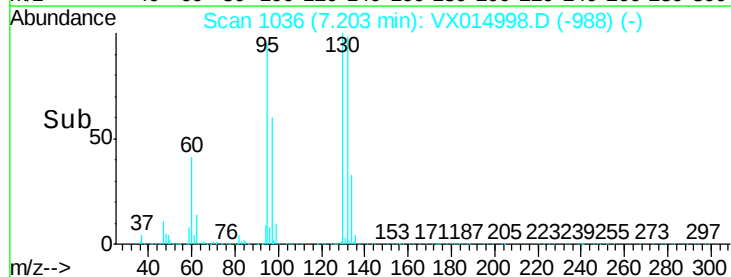
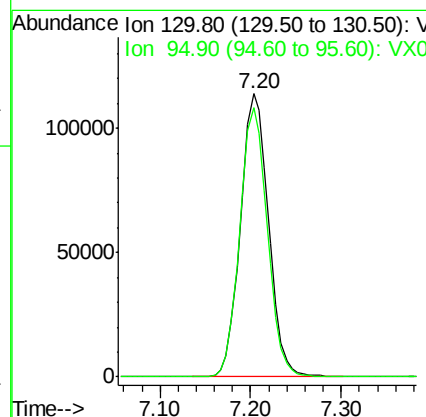
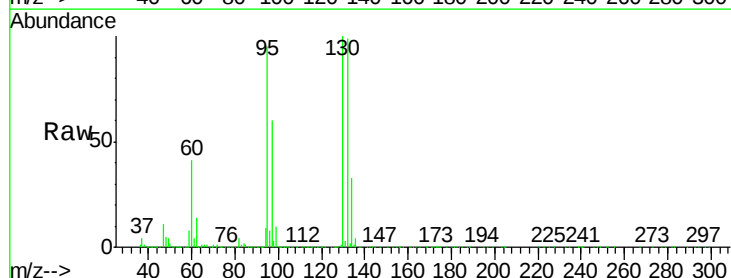
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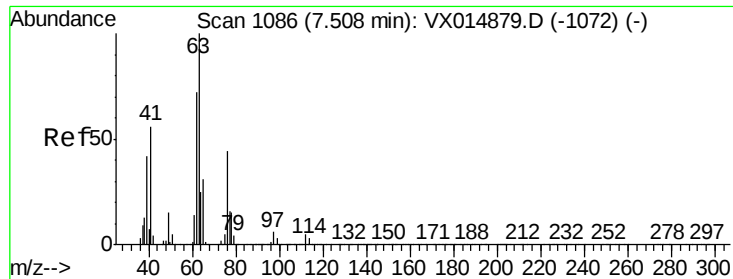
MMDadoda
2/25/2020 9:36:31 AM



#44
Trichloroethene
Concen: 49.397 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion:	130	Resp:	244282
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	182.6





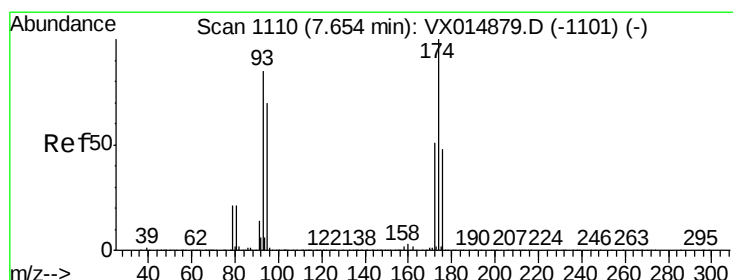
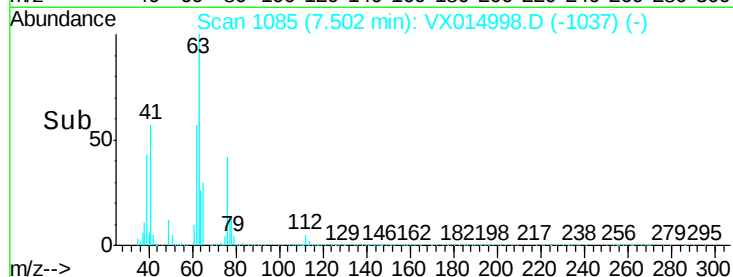
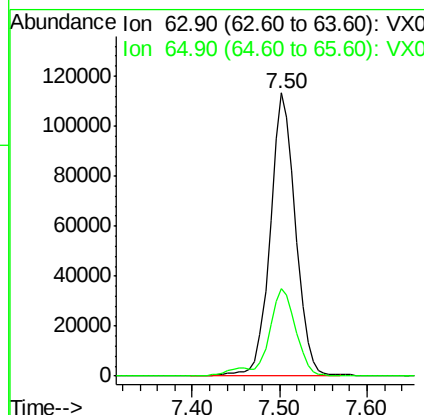
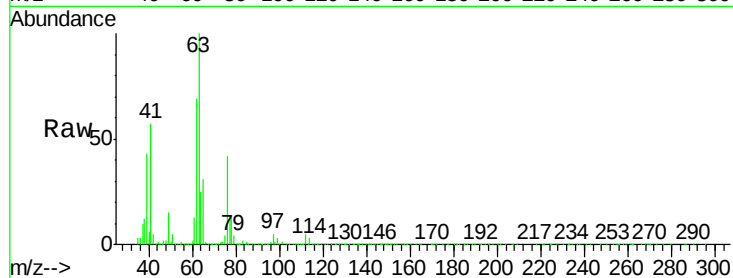
#45
 1,2-Dichloropropane
 Concen: 52.558 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.9	37.3

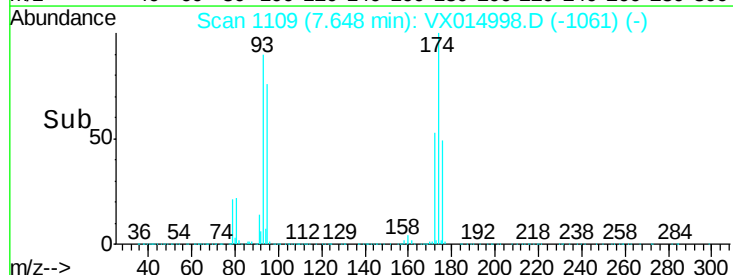
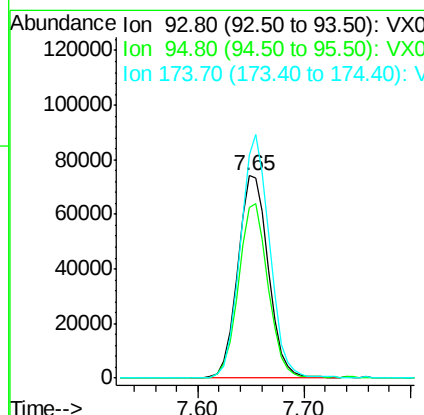
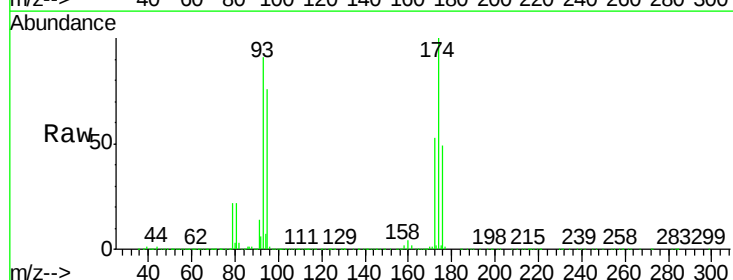
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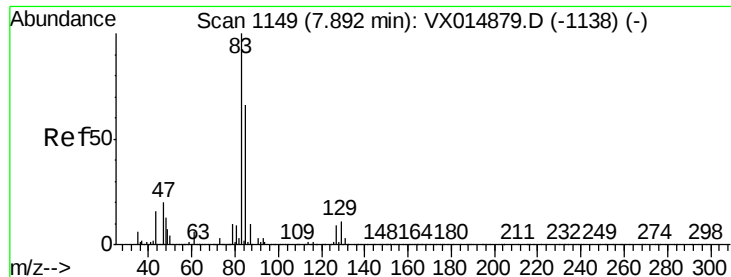
MMDadoda
 2/25/2020 9:36:31 AM



#46
 Dibromomethane
 Concen: 50.425 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	65.8	98.8
174	115.1	95.4	143.2





#47

Bromodichloromethane

Concen: 51.618 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

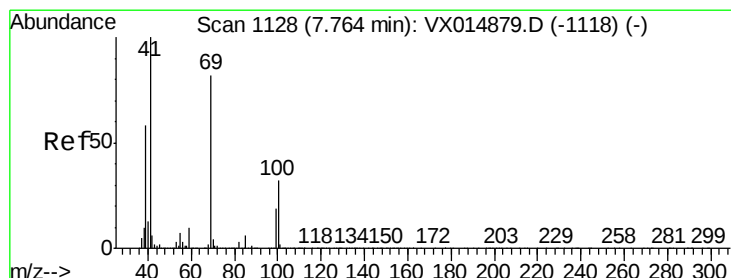
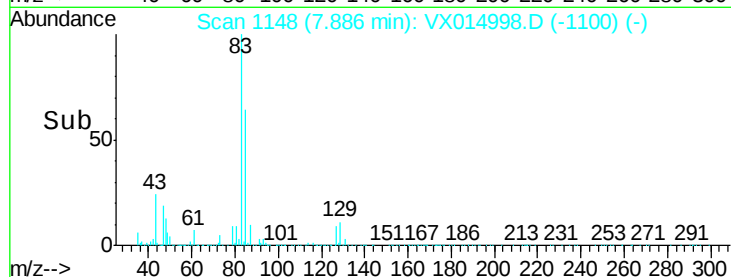
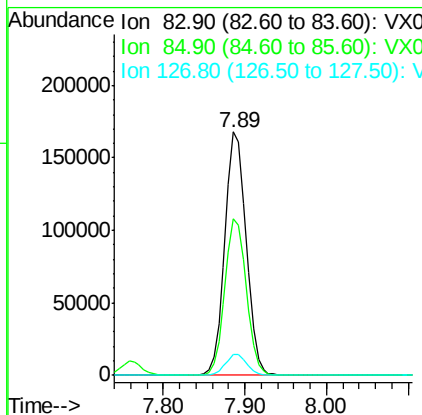
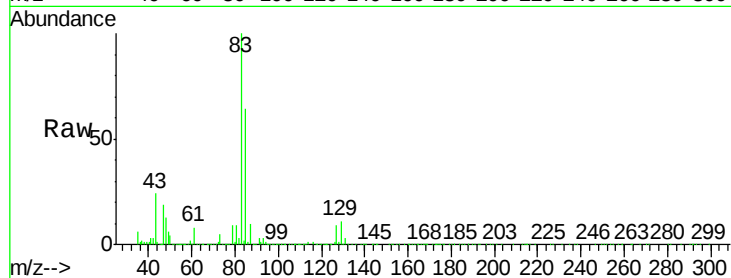
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	303940
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.5	78.7
127	8.6	7.4	11.0

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 53.309 ug/l

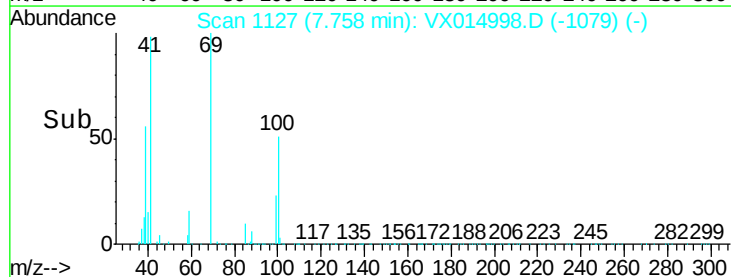
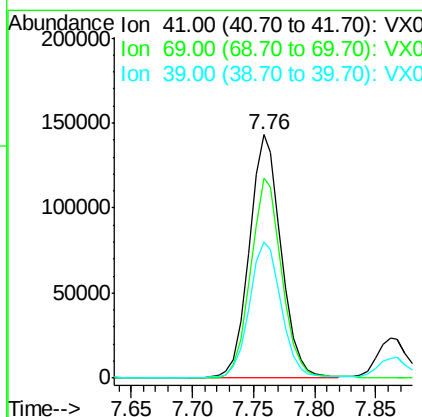
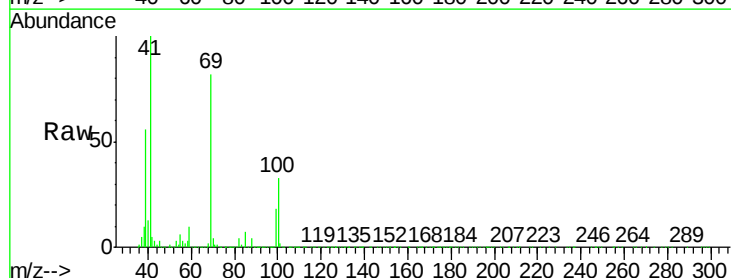
RT: 7.76 min Scan# 1127

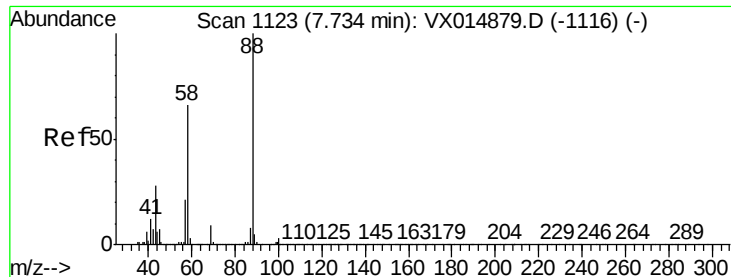
Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Tgt Ion:	41	Resp:	257357
Ion	Ratio	Lower	Upper
41	100		
69	81.0	65.7	98.5
39	56.0	45.8	68.8





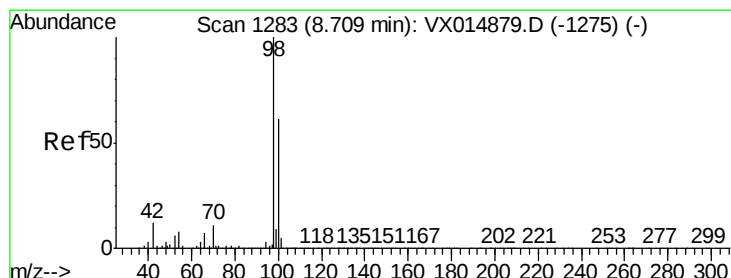
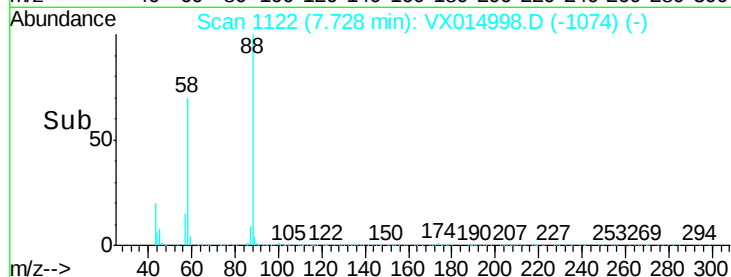
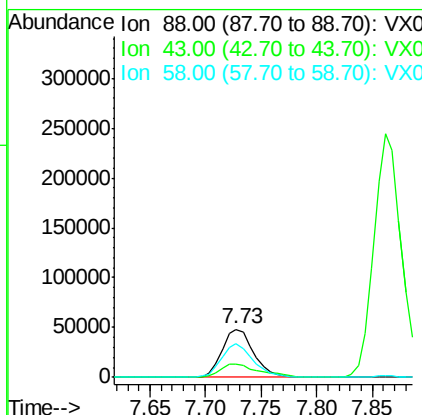
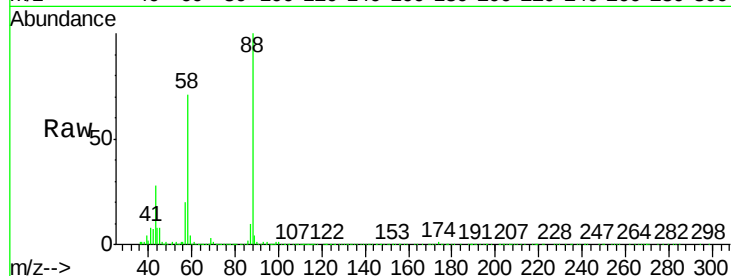
#49
1,4-Dioxane
Concen: 1041.601 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.0	40.4
58	70.6	53.2	79.8

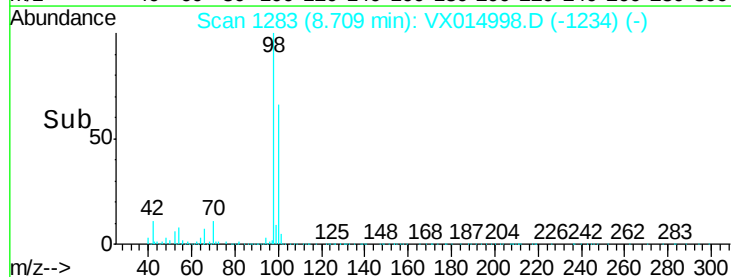
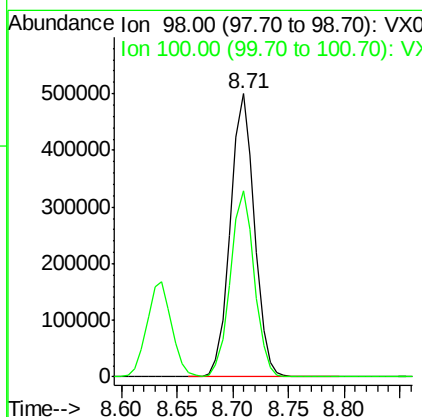
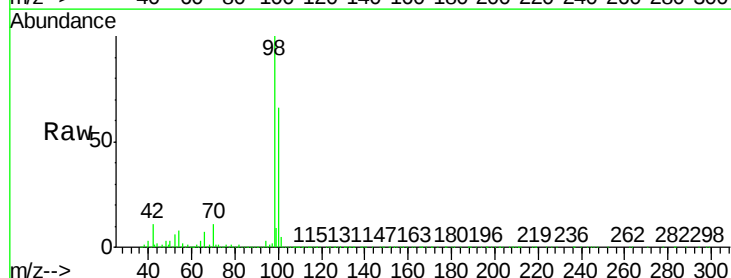
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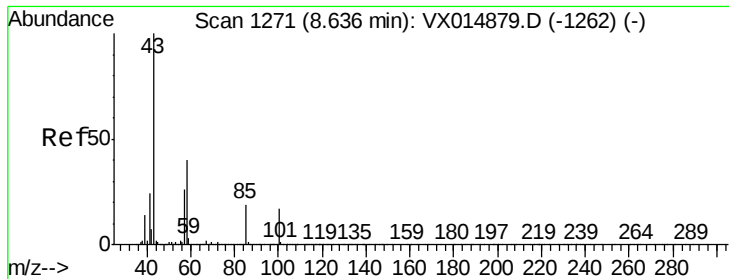
MMDadoda
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#50
Toluene-d8
Concen: 49.902 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 265.556 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1572964

Ion Ratio Lower Upper

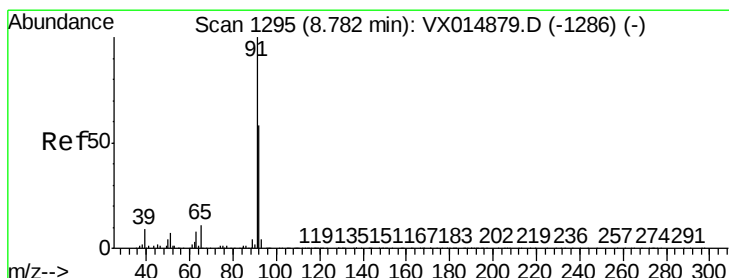
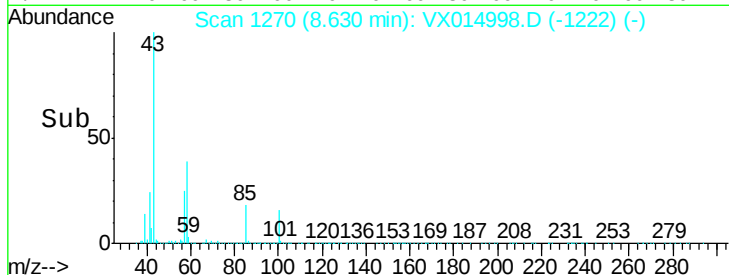
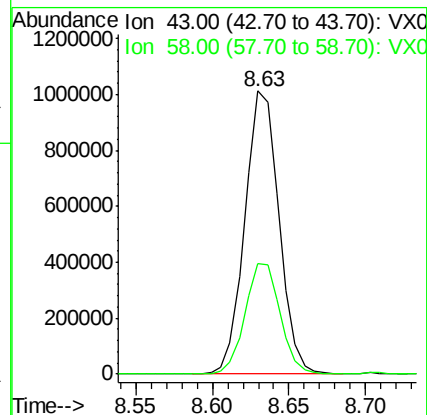
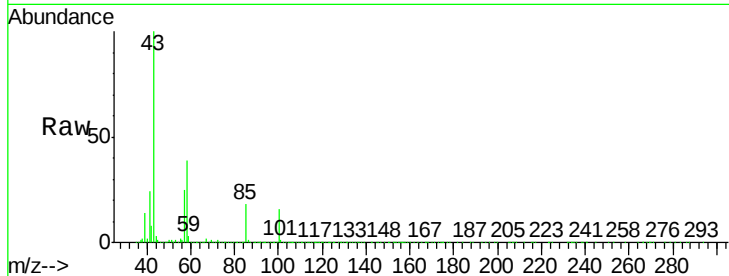
43 100

58 39.9 31.9 47.9

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#52

Toluene

Concen: 51.414 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014998.D

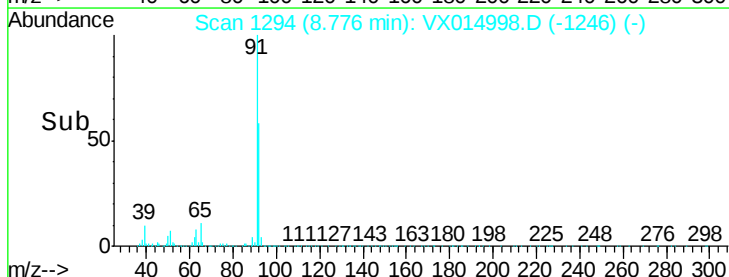
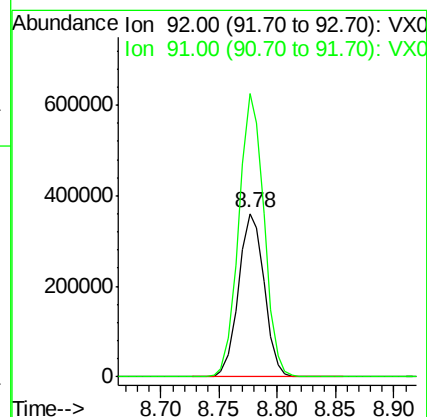
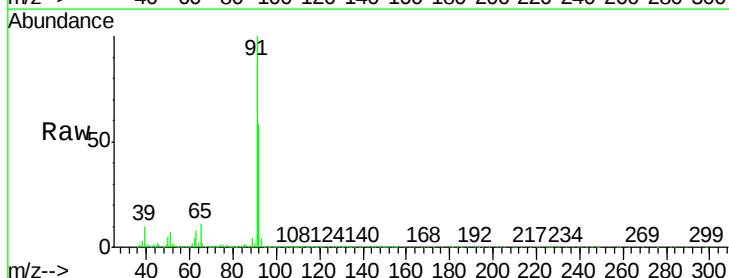
Acq: 24 Feb 2020 09:53

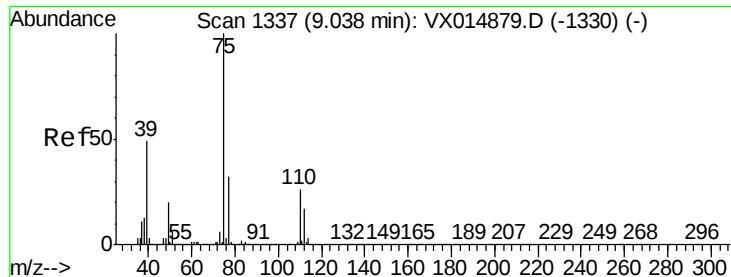
Tgt Ion: 92 Resp: 556277

Ion Ratio Lower Upper

92 100

91 170.6 137.0 205.4





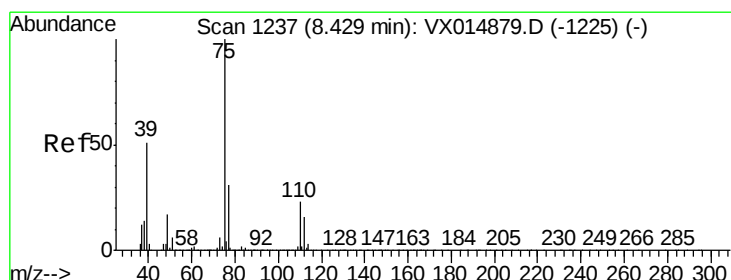
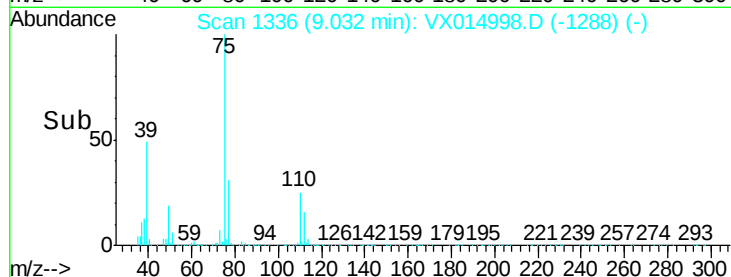
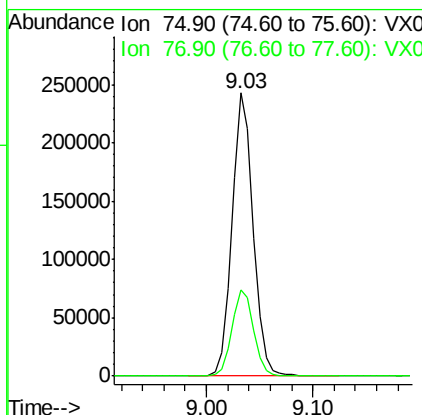
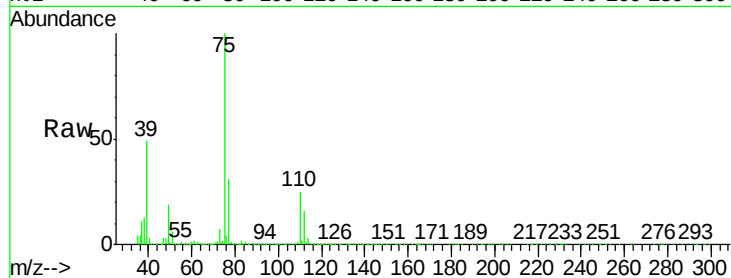
#53
t-1,3-Dichloropropene
Concen: 52.235 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.5	38.3

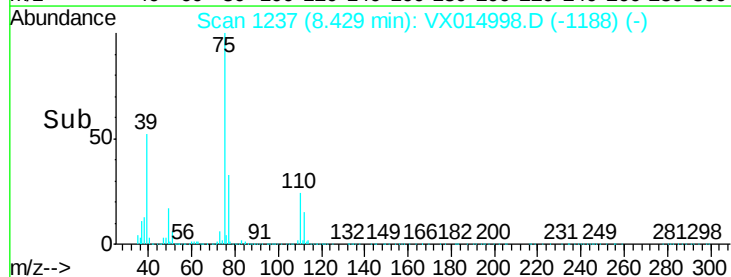
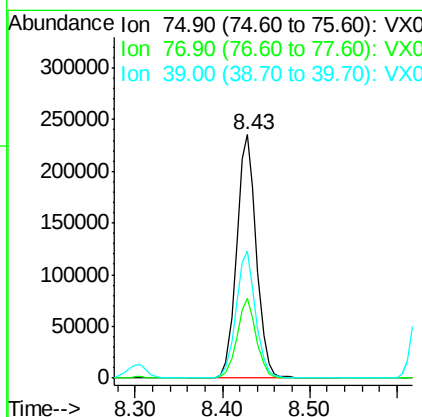
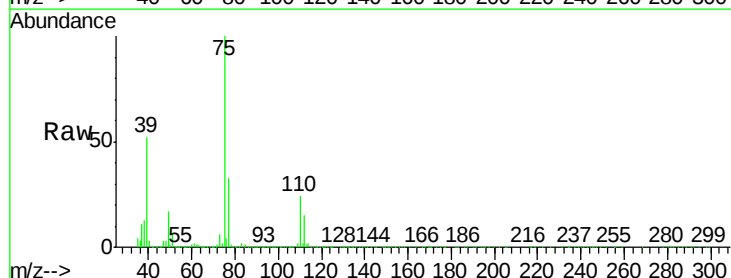
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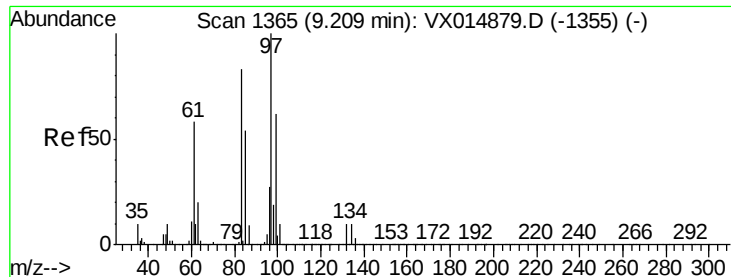
MMDadoda
2/25/2020 9:36:31 AM



#54
cis-1,3-Dichloropropene
Concen: 51.716 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.9	24.6	37.0
39	51.9	40.9	61.3





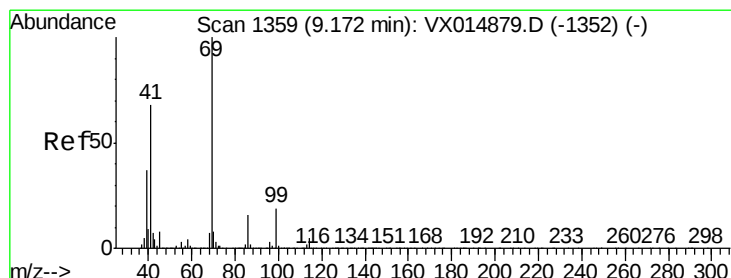
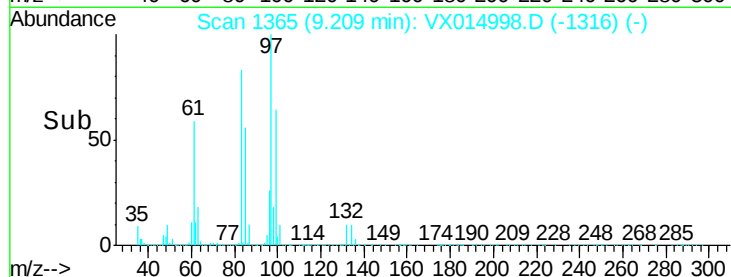
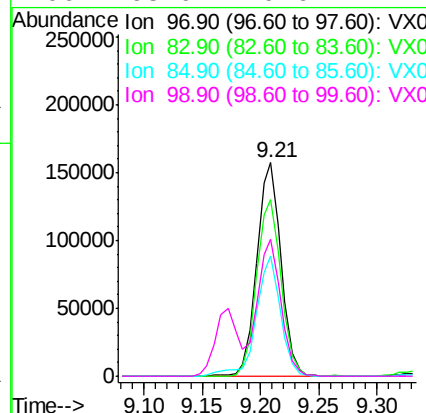
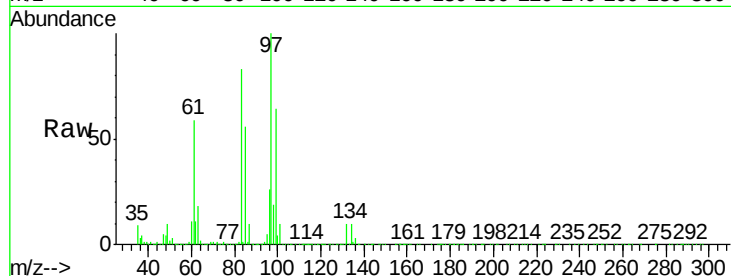
#55
 1,1,2-Trichloroethane
 Concen: 51.864 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		227034		
83	82.7	66.6	99.8		
85	56.1	43.5	65.3		
99	63.9	49.6	74.4		

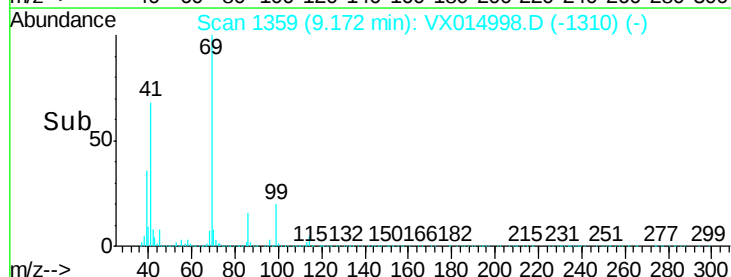
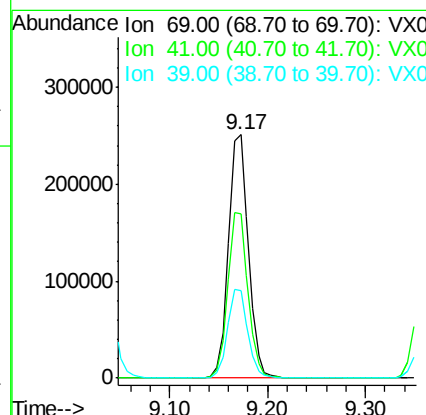
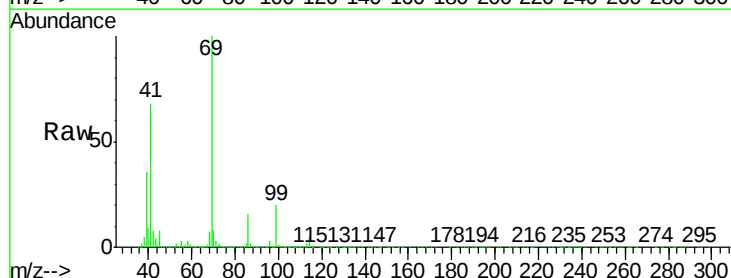
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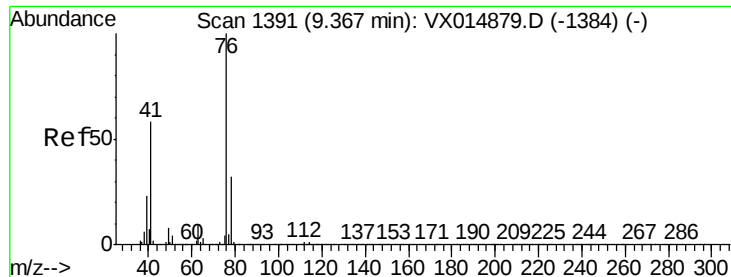
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#56
 Ethyl methacrylate
 Concen: 53.914 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		354734		
41	68.4	54.8	82.2		
39	36.6	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 51.912 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 382525

Ion Ratio Lower Upper

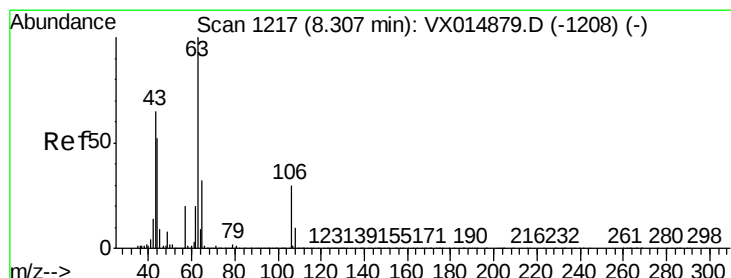
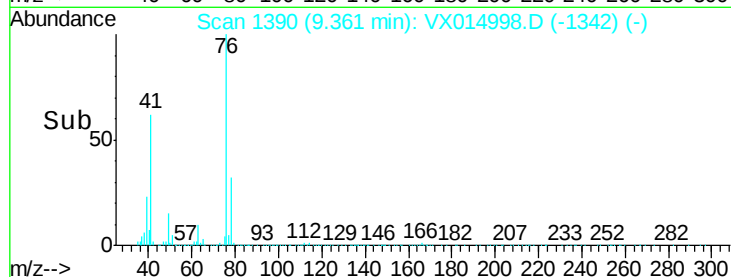
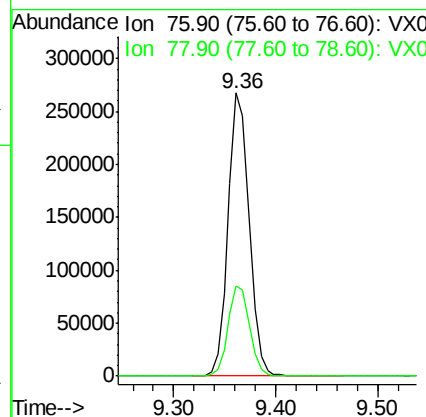
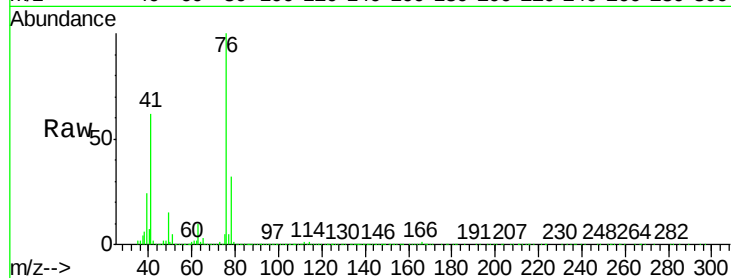
76 100

78 32.6 25.8 38.8

Manual Integrations
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MMDadoda

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#58

2-Chloroethyl Vinyl ether

Concen: 278.860 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014998.D

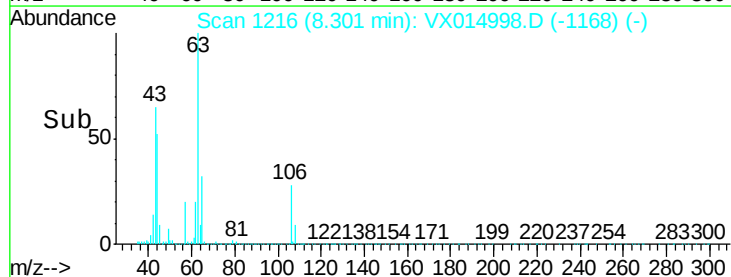
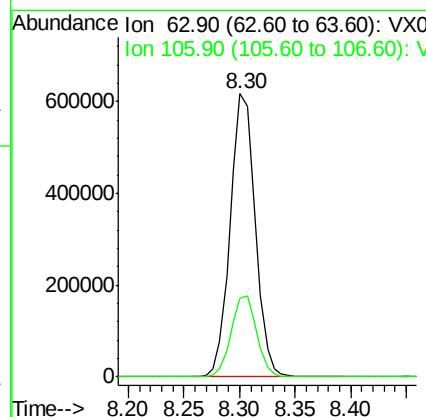
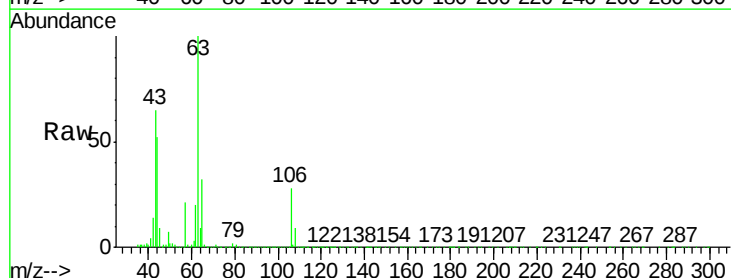
Acq: 24 Feb 2020 09:53

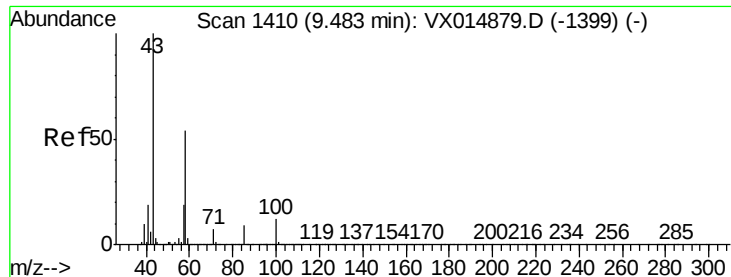
Tgt Ion: 63 Resp: 959570

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.8





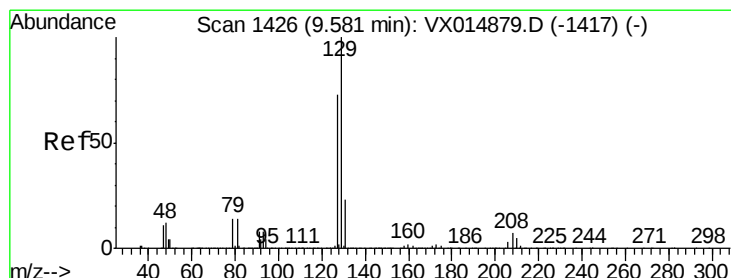
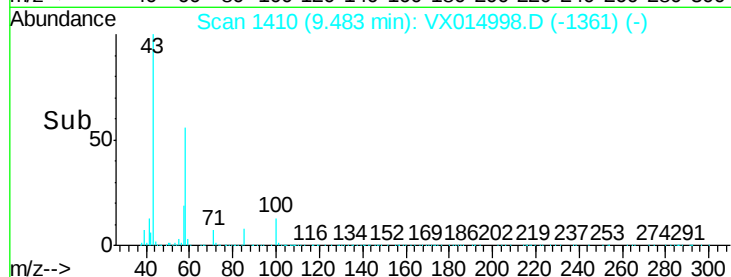
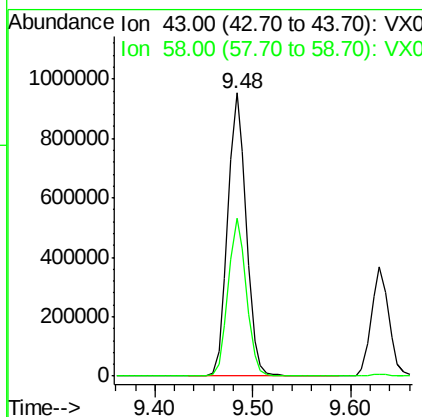
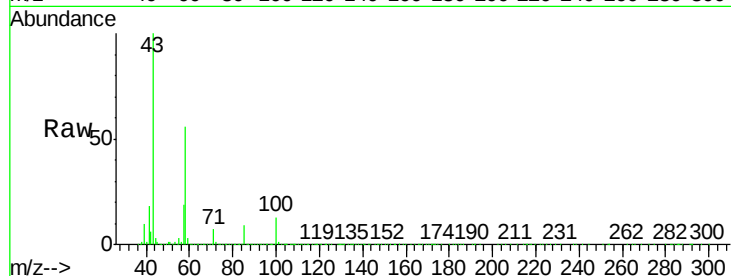
#59
2-Hexanone
Concen: 269.476 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1254620
Ion Ratio Lower Upper
43 100
58 55.3 27.5 82.5

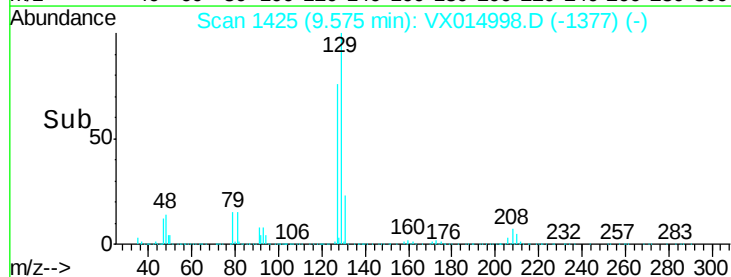
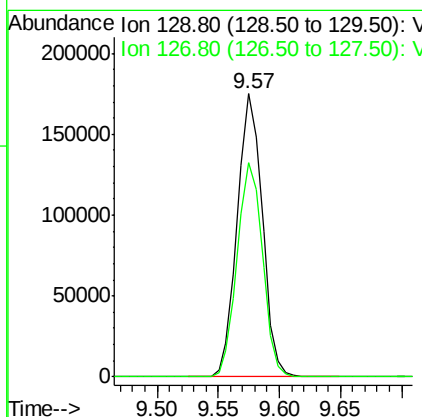
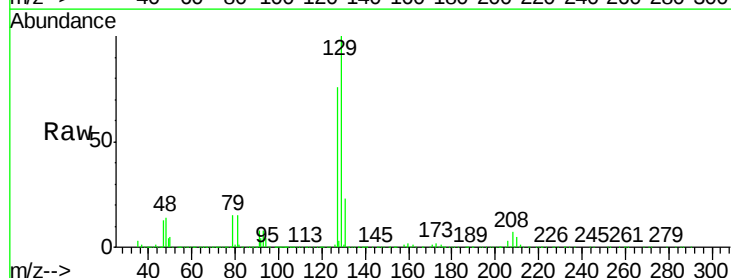
Manual Integrations
APPROVED

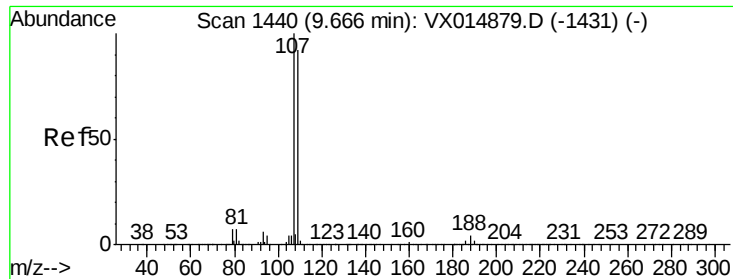
MMDadoda
2/25/2020 9:36:31 AM



#60
Dibromochloromethane
Concen: 52.776 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion: 129 Resp: 248620
Ion Ratio Lower Upper
129 100
127 76.5 37.8 113.3





#61

1,2-Dibromoethane

Concen: 50.594 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 238964

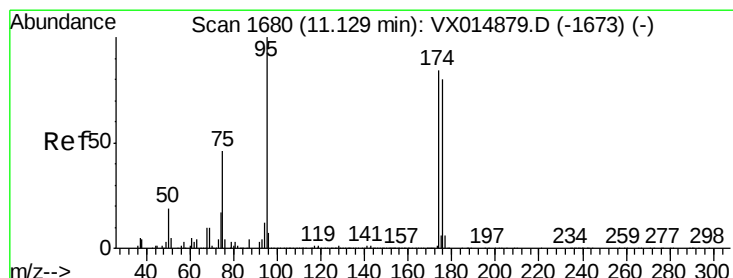
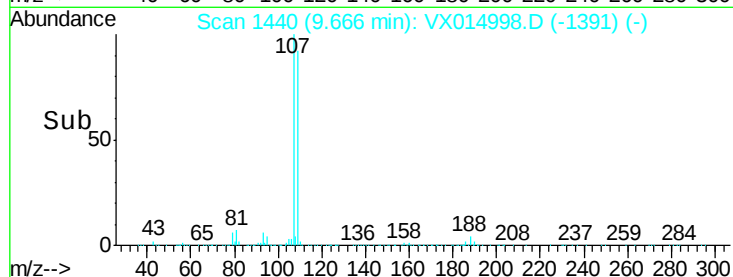
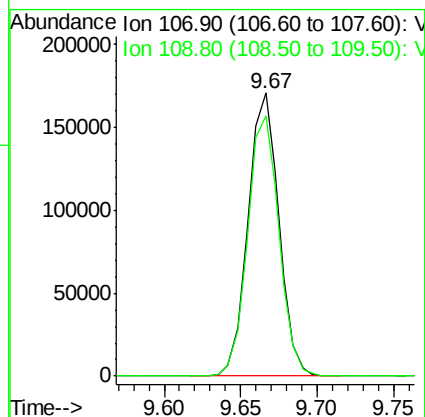
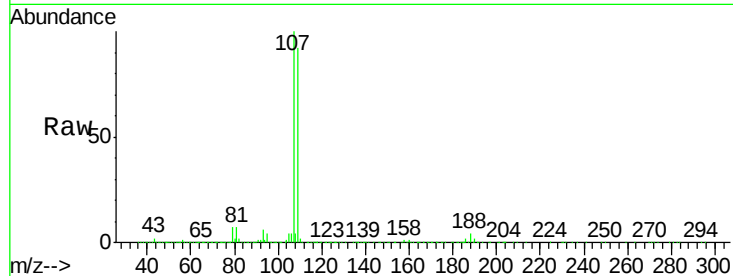
Ion Ratio Lower Upper

107 100

109 93.6 75.6 113.4

Manual Integrations
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MMDadoda
2/25/2020 9:36:31 AM



#62

4-Bromofluorobenzene

Concen: 50.694 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

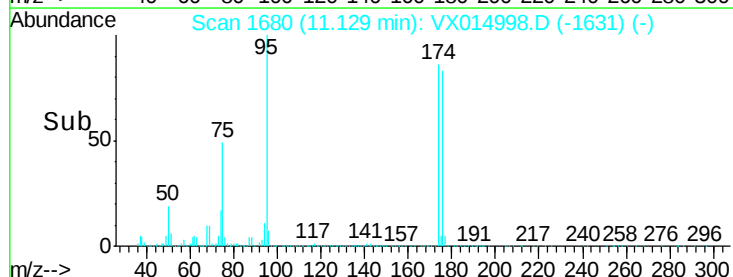
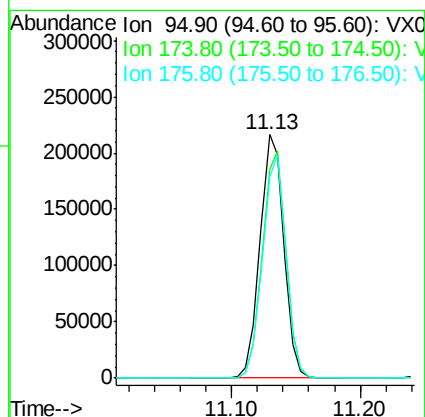
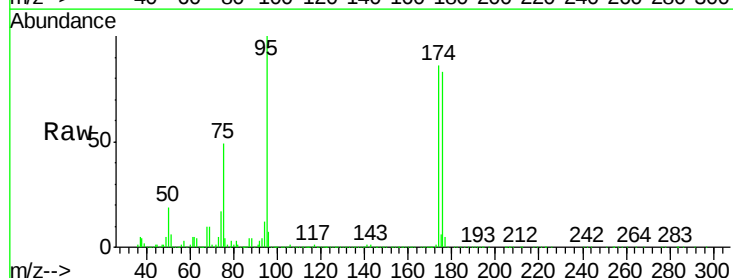
Tgt Ion: 95 Resp: 273136

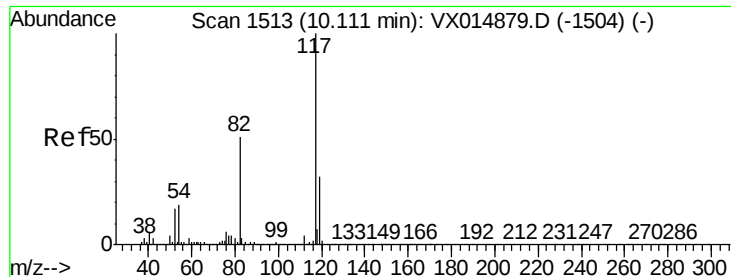
Ion Ratio Lower Upper

95 100

174 93.2 0.0 183.0

176 90.7 0.0 178.0





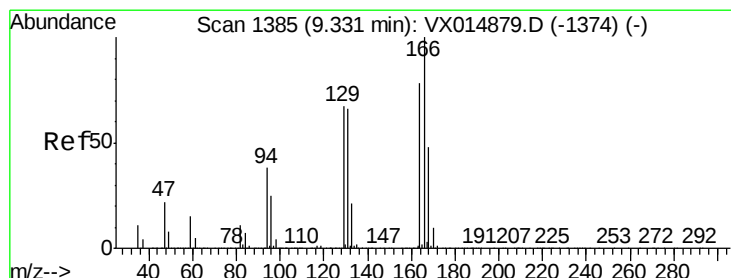
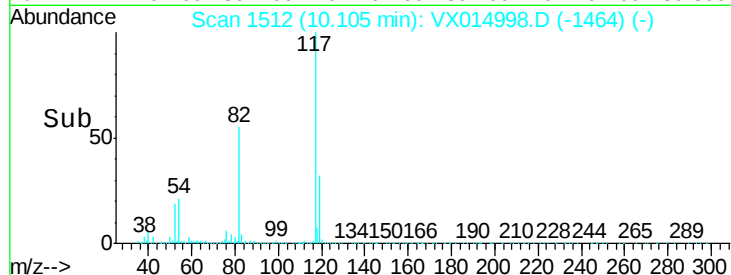
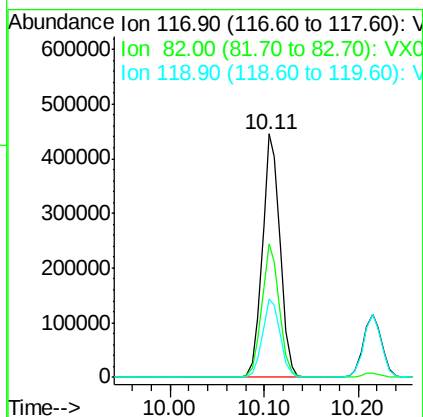
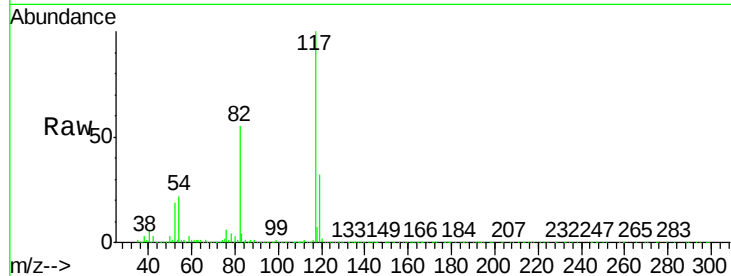
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.8	40.5	60.7
119	32.3	25.8	38.6

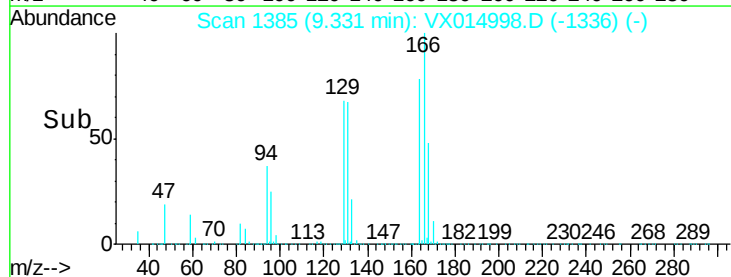
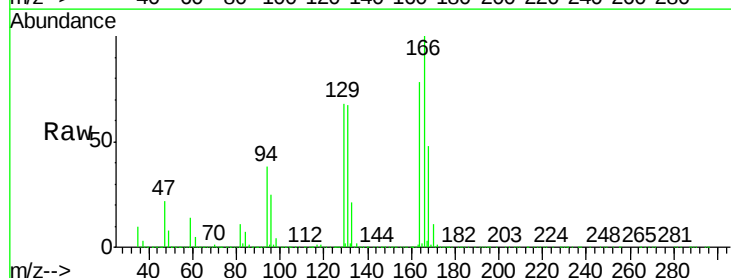
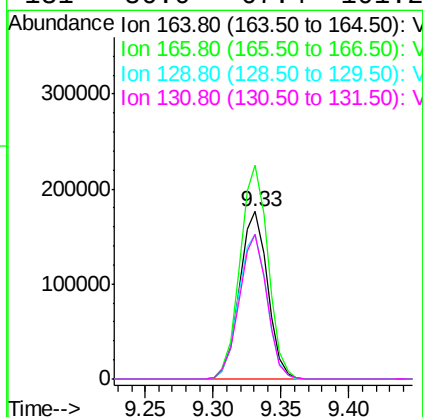
Manual Integrations
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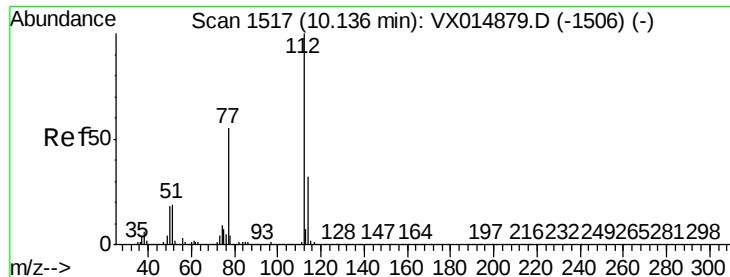
MMDadoda
2/25/2020 9:36:31 AM



#64
Tetrachloroethene
Concen: 45.969 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	127.4	102.6	153.8
129	86.1	68.3	102.5
131	86.0	67.4	101.2





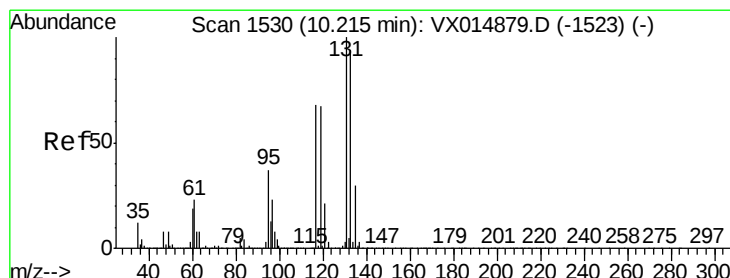
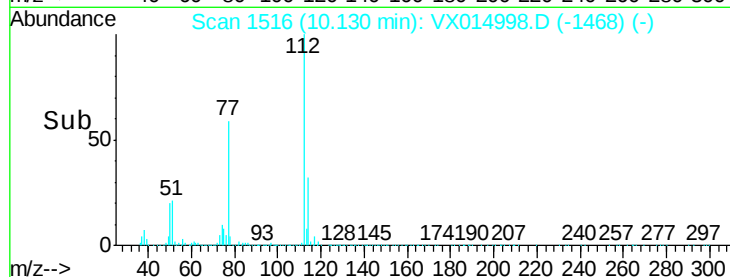
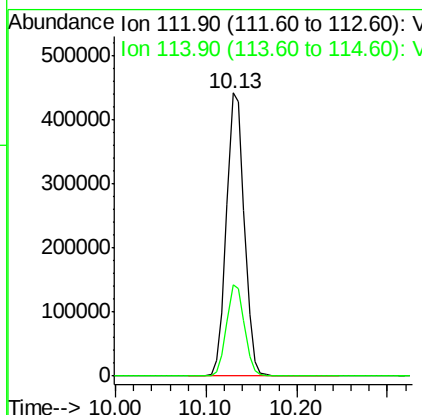
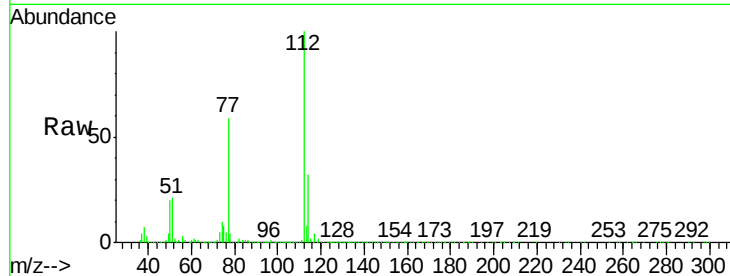
#65
Chlorobenzene
Concen: 50.468 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4

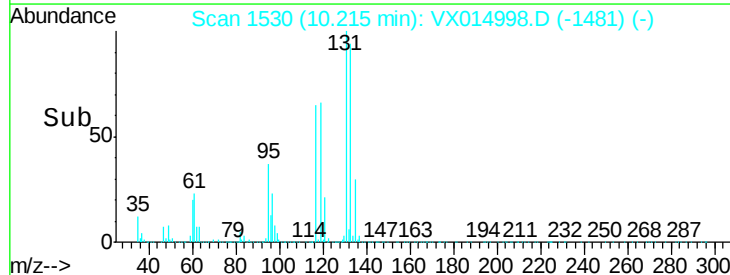
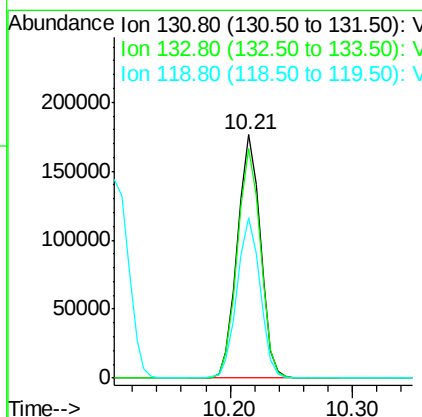
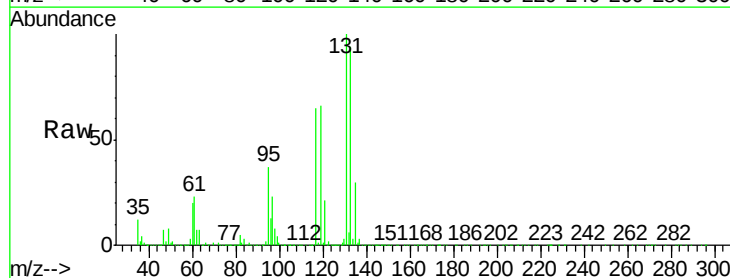
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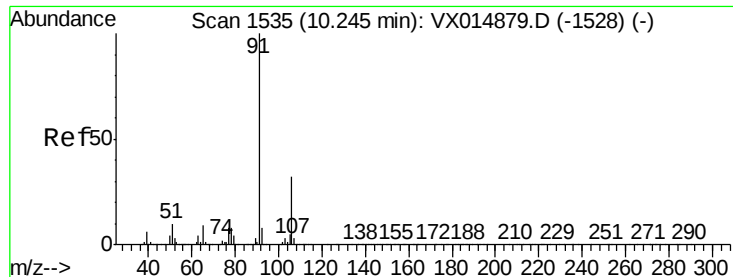
MMDadoda
2/25/2020 9:36:31 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.706 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	48.1	144.4
119	66.0	33.0	99.0





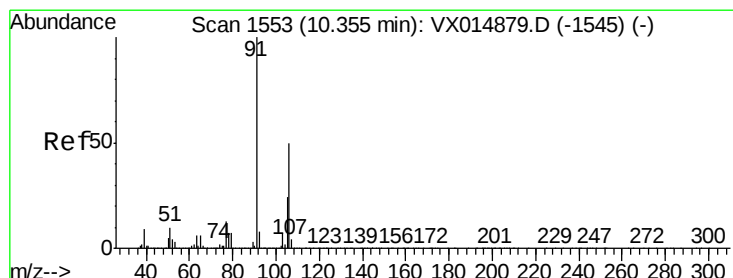
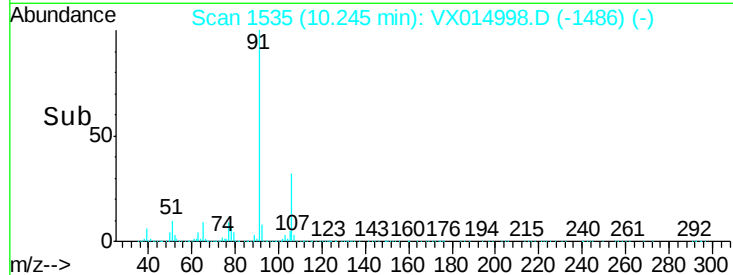
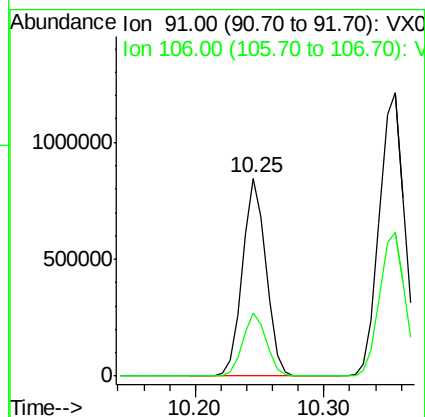
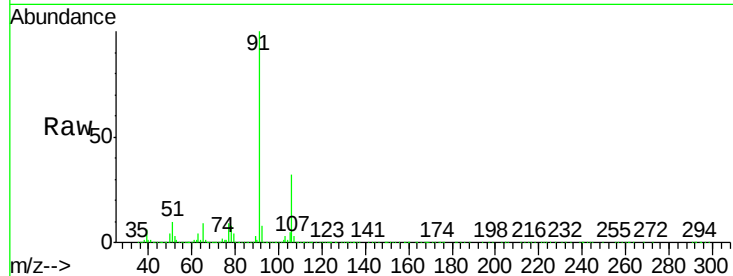
#67
Ethyl Benzene
Concen: 52.385 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1066871
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9

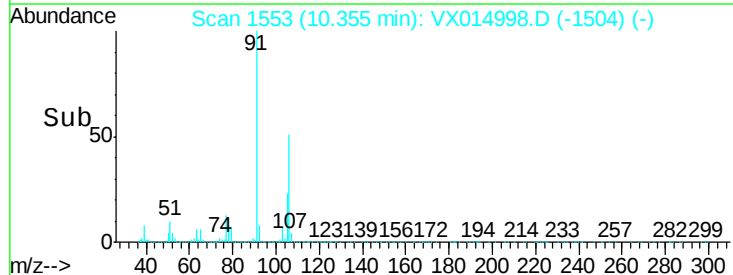
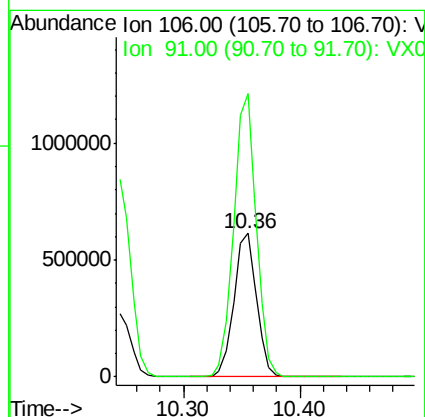
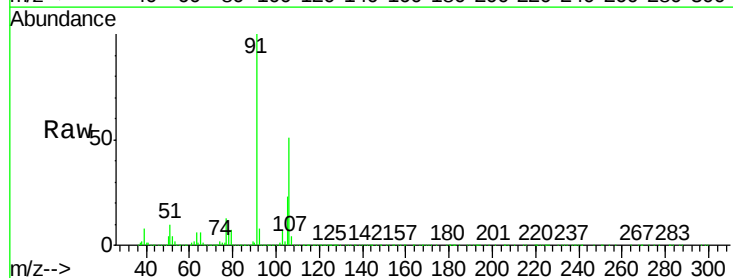
Manual Integrations
APPROVED

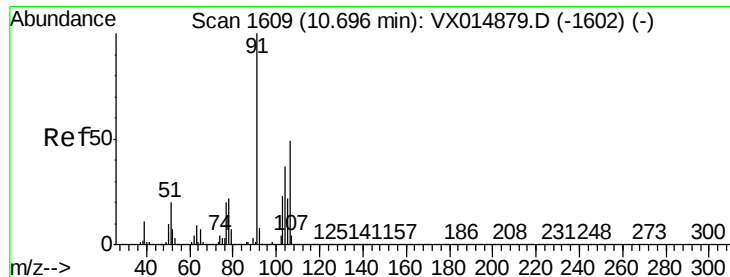
MMDadoda
2/25/2020 9:36:31 AM



#68
m/p-Xylenes
Concen: 105.337 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion: 106 Resp: 826431
Ion Ratio Lower Upper
106 100
91 197.8 160.6 240.8





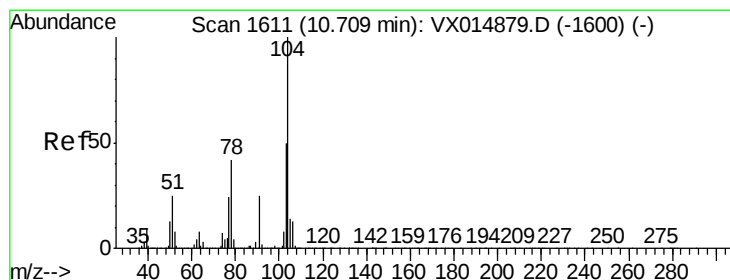
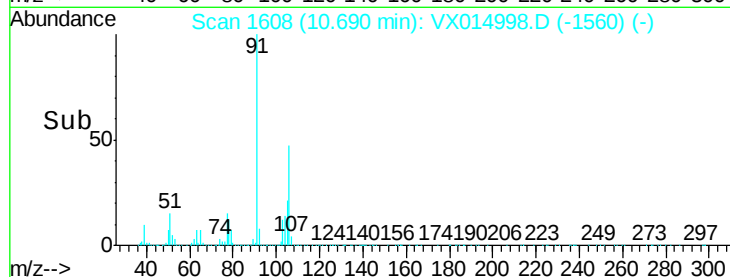
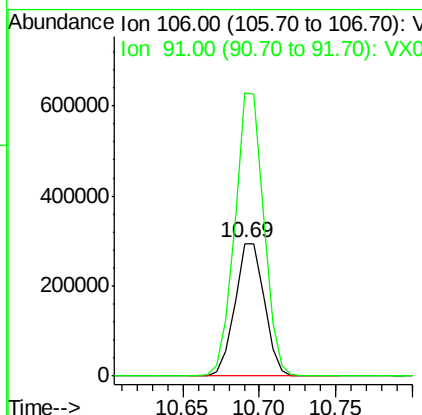
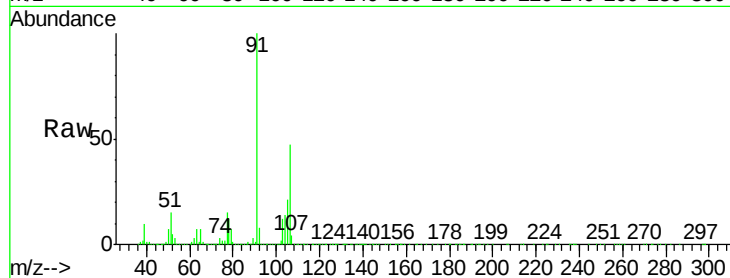
#69
o-Xylene
Concen: 52.193 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	393630		
91	209.6	105.1	315.3	

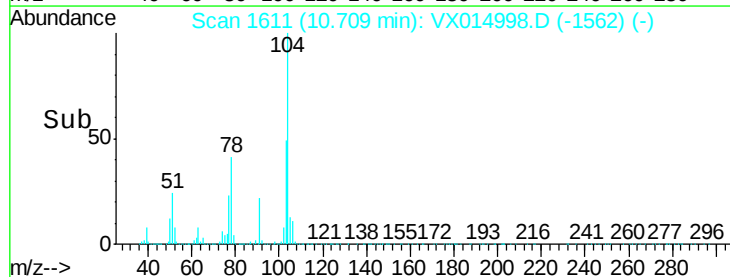
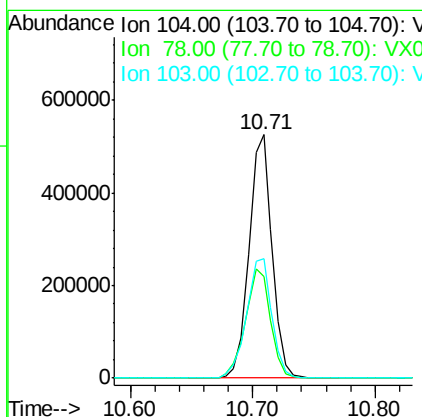
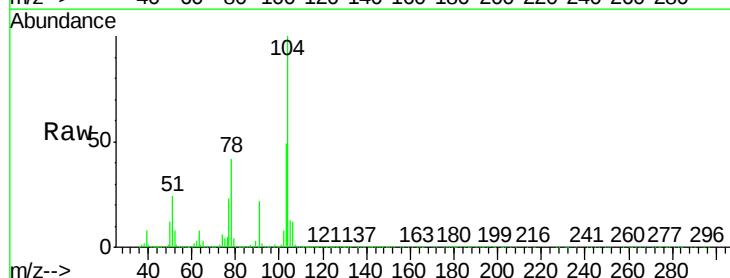
Manual Integrations
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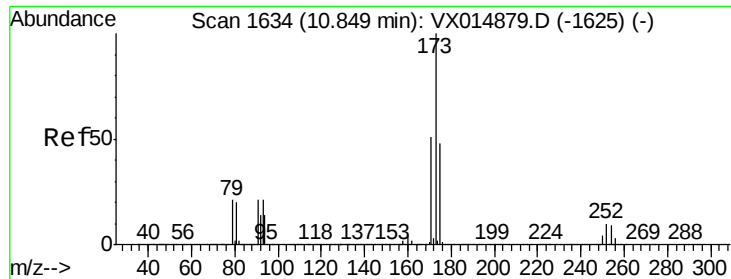
MMDadoda
2/25/2020 9:36:31 AM



#70
Styrene
Concen: 53.800 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	686422		
78	48.7	39.0	58.4	
103	54.4	43.4	65.0	





#71

Bromoform

Concen: 53.078 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

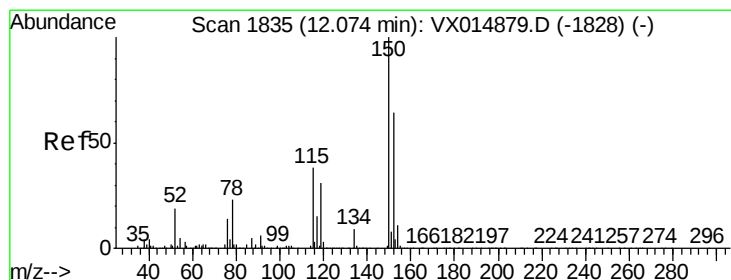
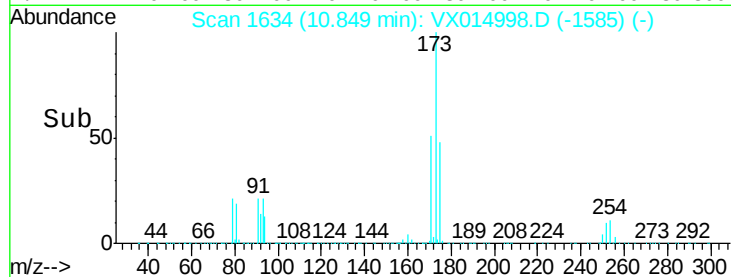
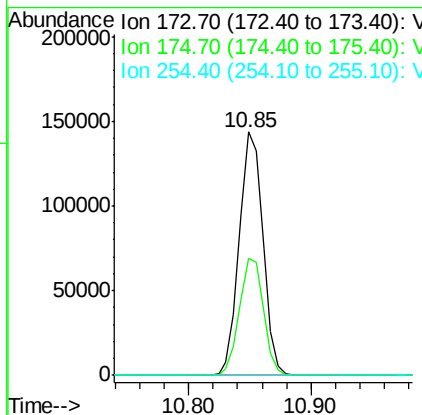
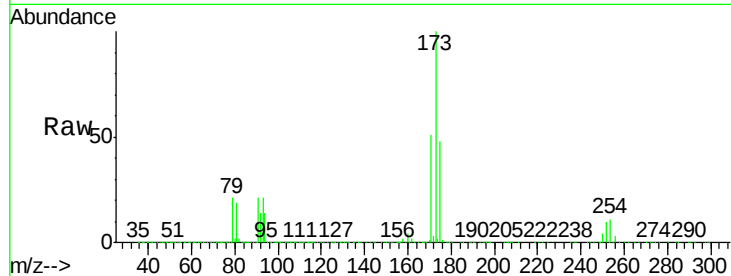
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	192611
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.2	72.6
254	0.3	0.2	0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

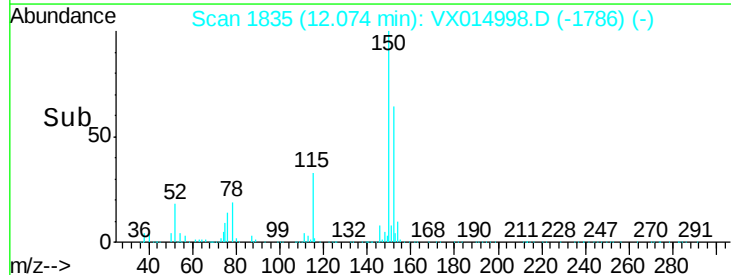
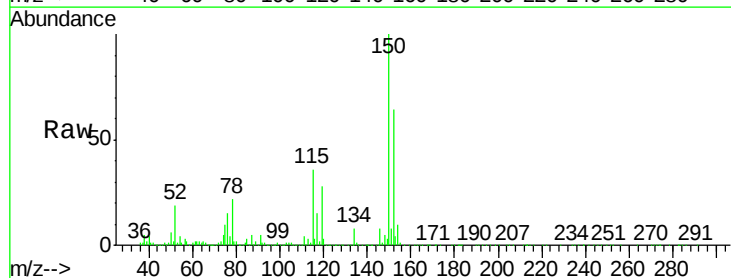
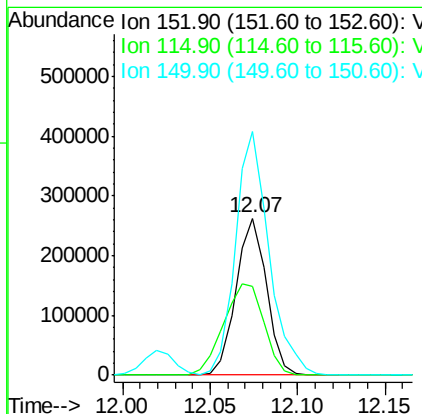
RT: 12.07 min Scan# 1835

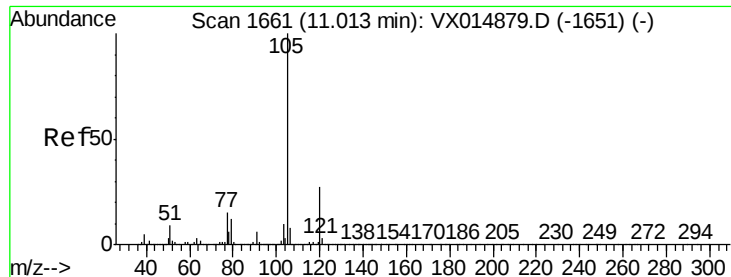
Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Tgt Ion:	152	Resp:	317202
Ion Ratio	Lower	Upper	
152	100		
115	76.9	38.6	116.0
150	170.6	0.0	349.0





#73

Isopropylbenzene

Concen: 53.748 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1069155

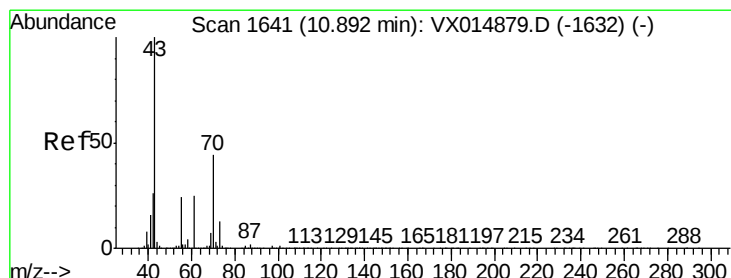
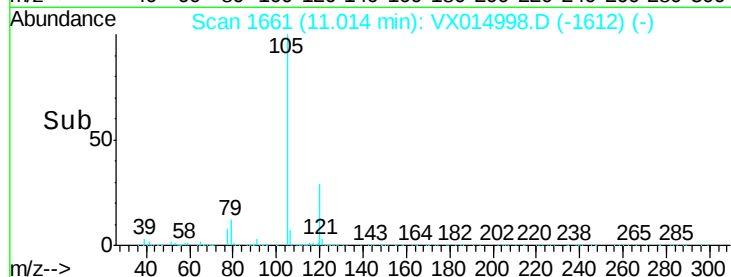
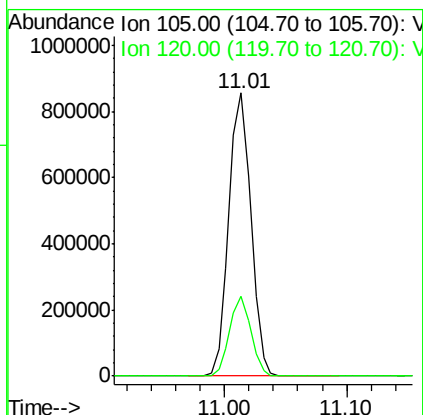
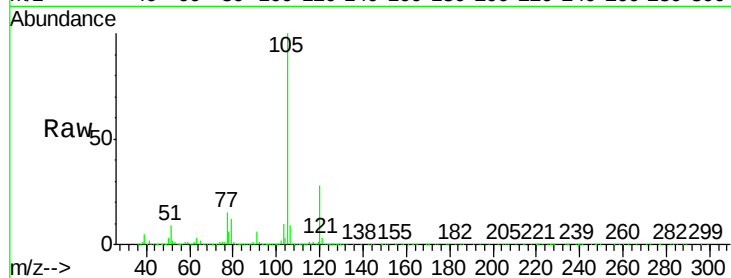
Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 55.028 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Tgt Ion: 43 Resp: 454818

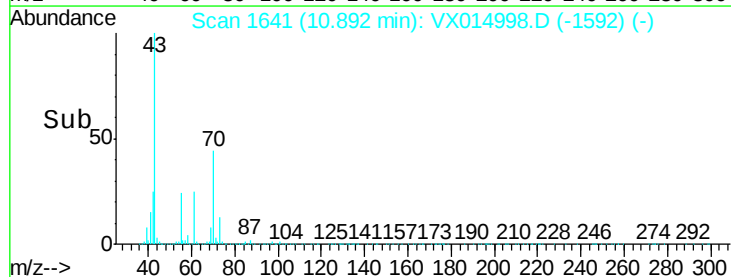
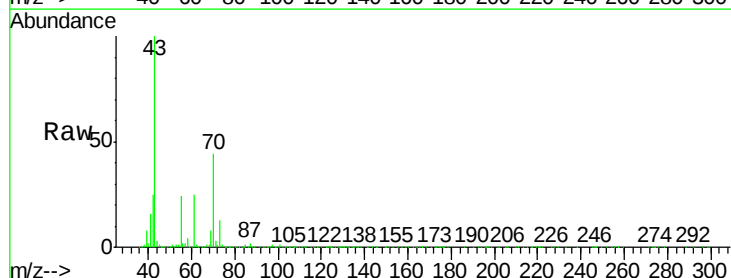
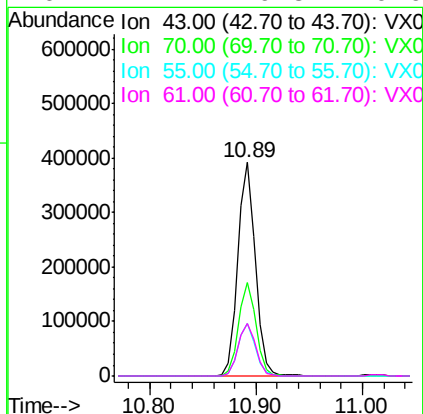
Ion Ratio Lower Upper

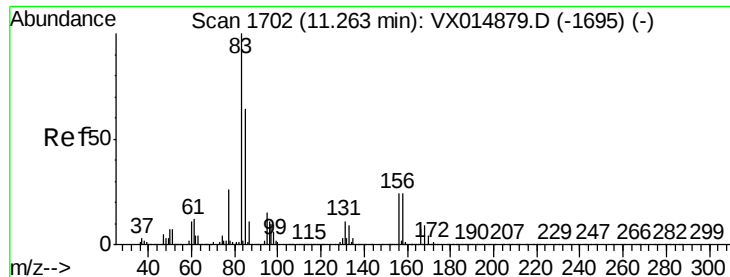
43 100

70 43.5 35.0 52.4

55 24.5 19.4 29.2

61 24.7 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.181 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

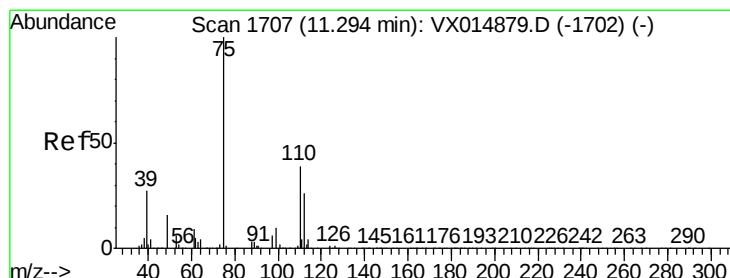
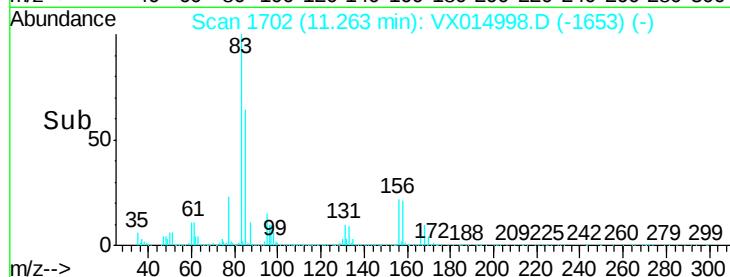
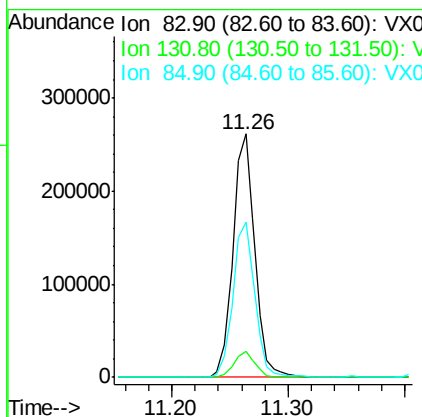
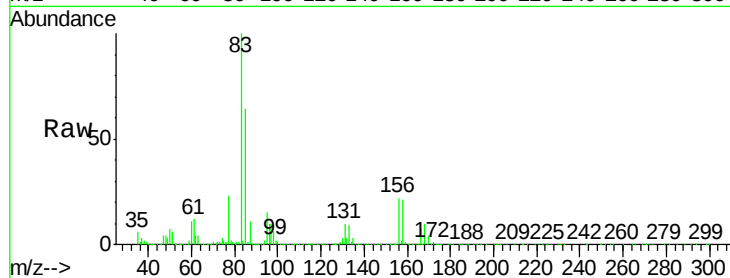
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	339307
Ion Ratio		Lower	Upper
83	100		
131	10.1	5.3	16.1
85	64.2	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.519 ug/l m

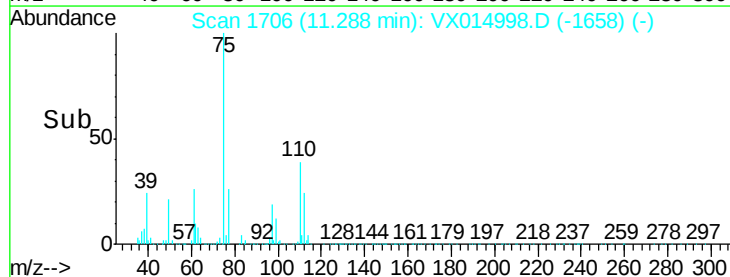
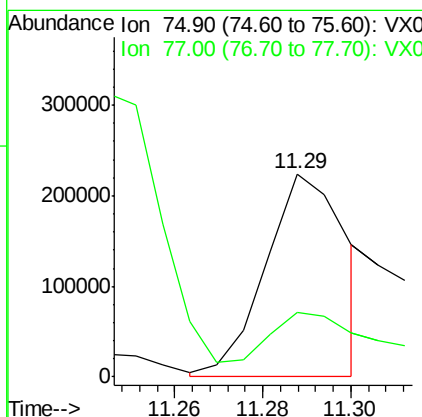
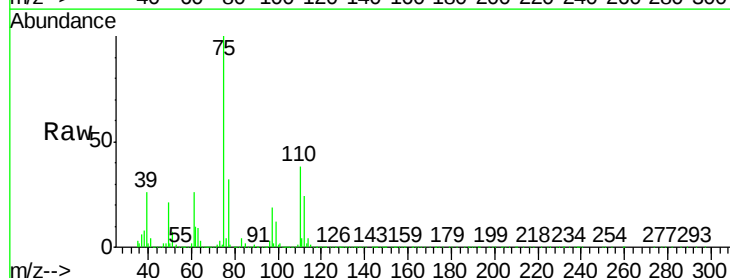
RT: 11.29 min Scan# 1706

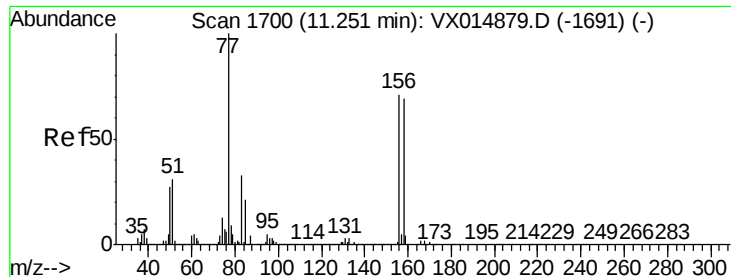
Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Tgt Ion:	75	Resp:	284041
Ion Ratio		Lower	Upper
75	100		
77	45.1	18.4	55.0





#77

Bromobenzene

Concen: 51.146 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

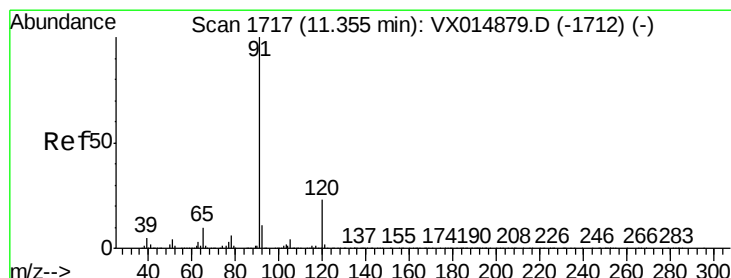
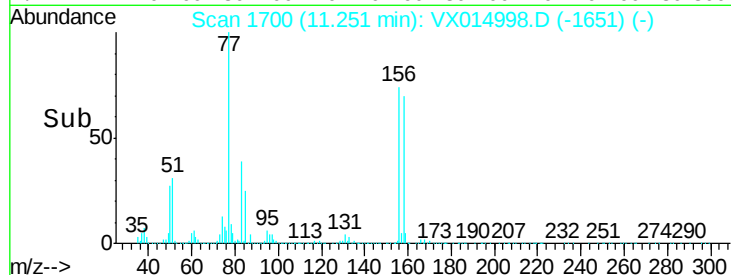
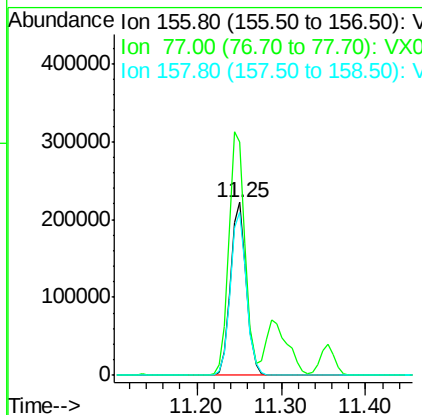
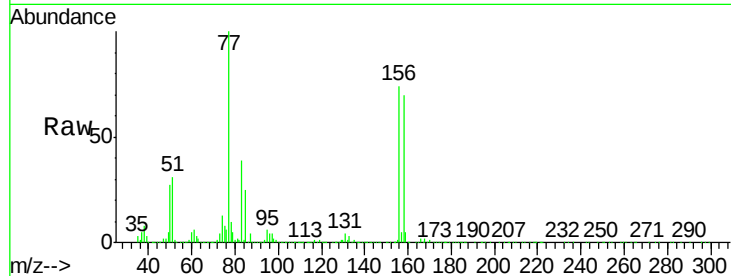
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	145.0	74.0	222.0
158	96.3	48.9	146.6

Manual Integrations
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2/25/2020 9:36:31 AM



#78

n-propylbenzene

Concen: 53.424 ug/l

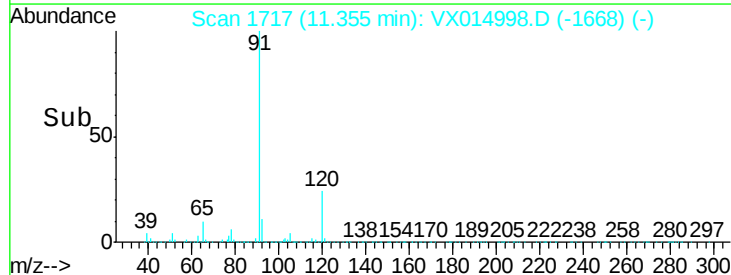
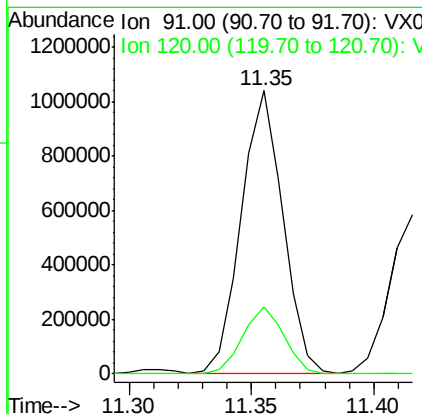
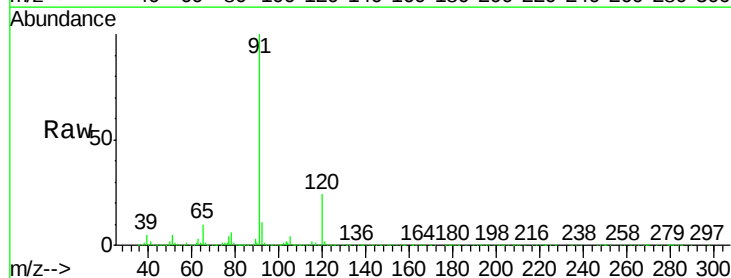
RT: 11.35 min Scan# 1717

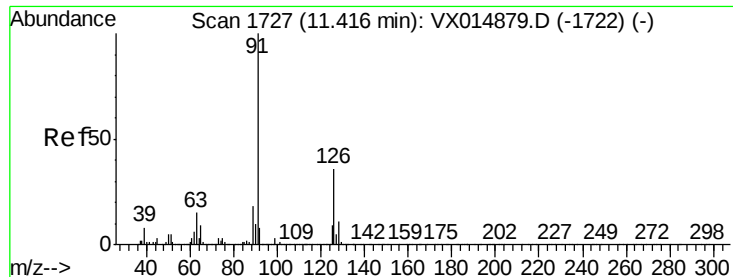
Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.8	35.4





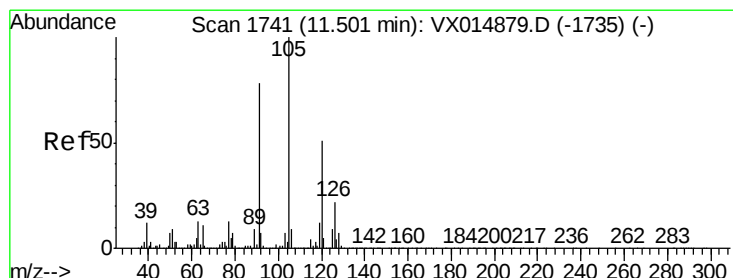
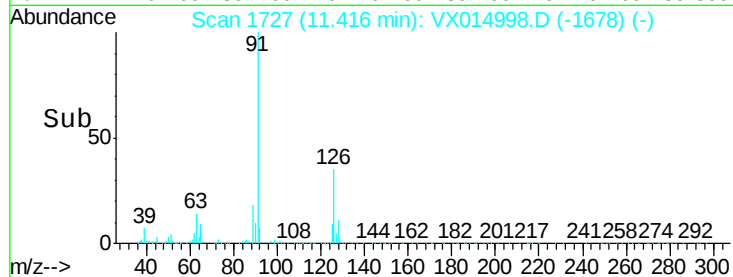
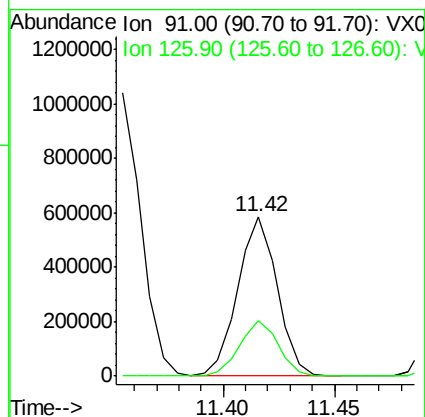
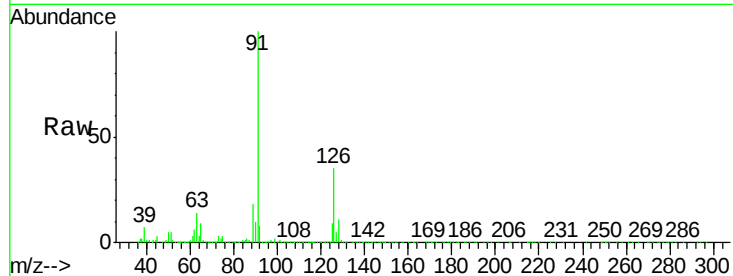
#79
2-Chlorotoluene
Concen: 53.182 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 719328
Ion Ratio Lower Upper
91 100
126 34.4 18.0 54.0

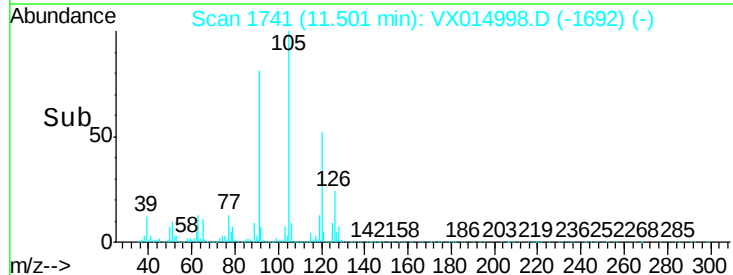
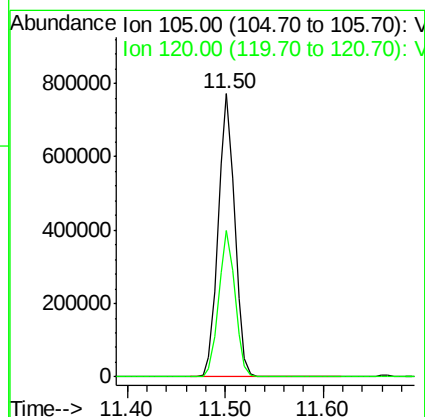
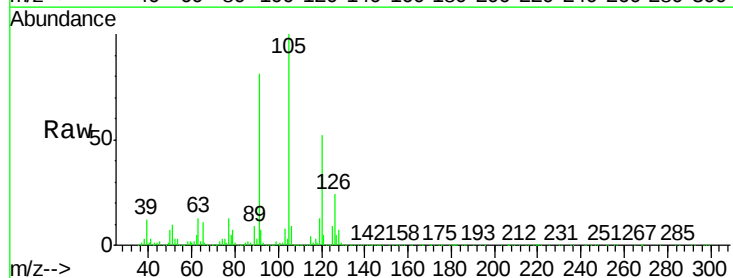
Manual Integrations
APPROVED

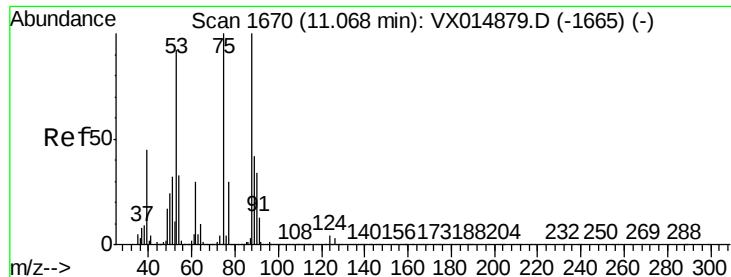
MMDadoda
2/25/2020 9:36:31 AM



#80
1,3,5-Trimethylbenzene
Concen: 54.204 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion: 105 Resp: 900929
Ion Ratio Lower Upper
105 100
120 50.9 25.6 76.6





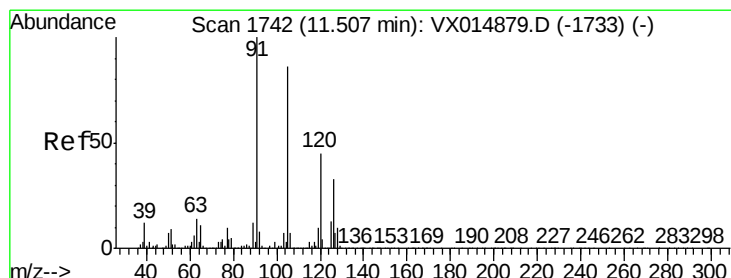
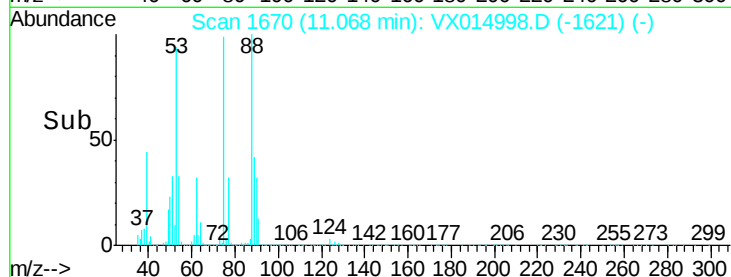
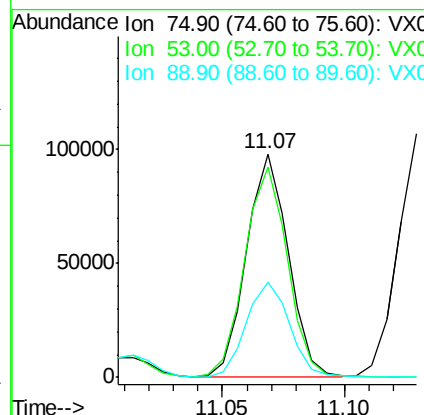
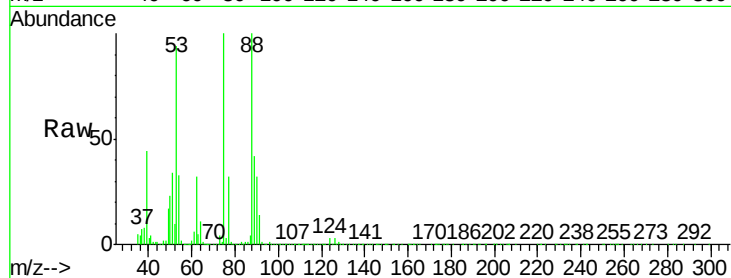
#81
trans-1,4-Dichloro-2-butene
Concen: 51.822 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.3	76.2	114.2
89	44.5	35.8	53.6

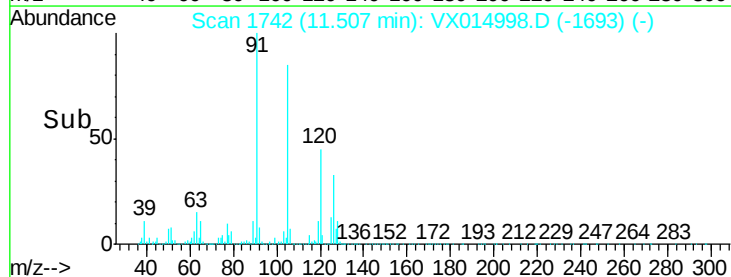
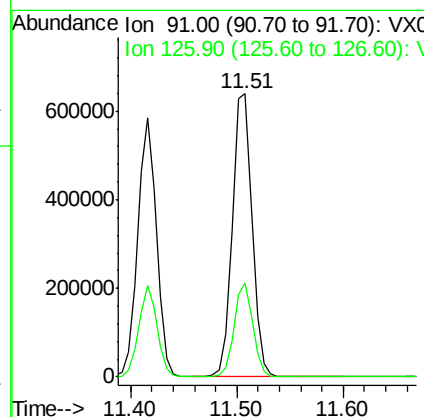
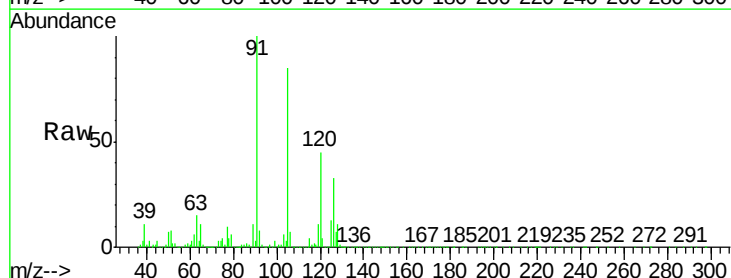
Manual Integrations
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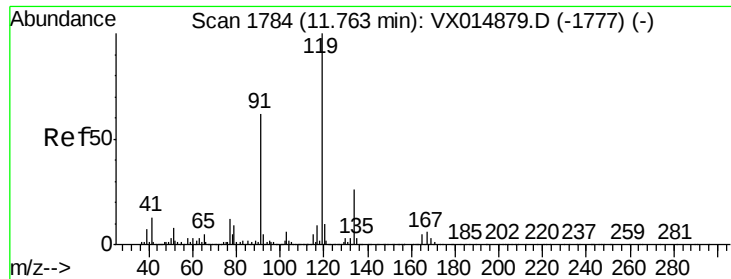
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2/25/2020 9:36:31 AM



#82
4-Chlorotoluene
Concen: 51.962 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.7	47.0





#83

tert-Butylbenzene

Concen: 54.803 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

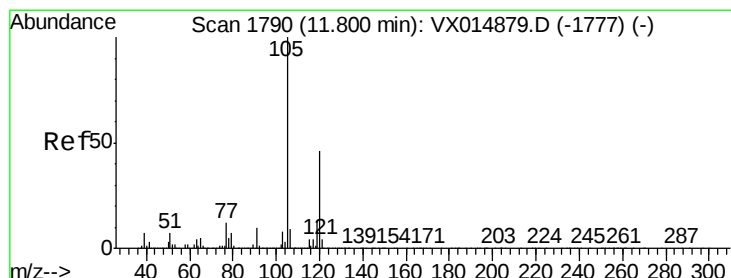
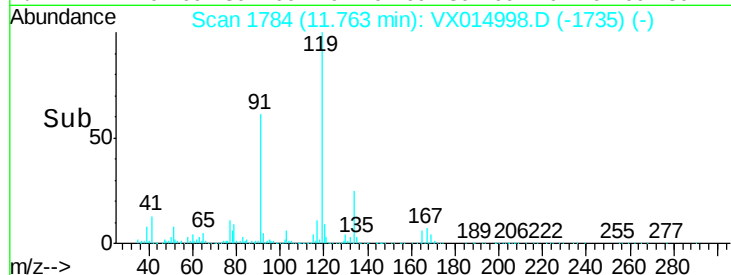
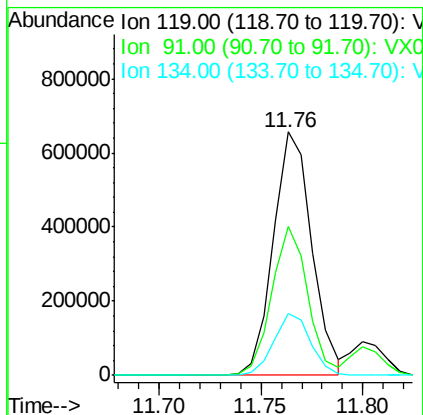
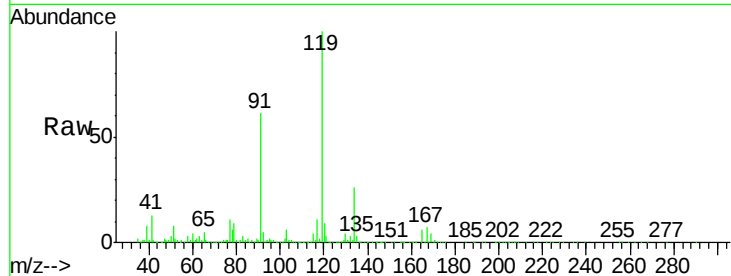
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	862566
Ion Ratio	Lower	Upper	
119	100		
91	57.3	29.5	88.6
134	24.5	12.6	37.6

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#84

1,2,4-Trimethylbenzene

Concen: 53.962 ug/l

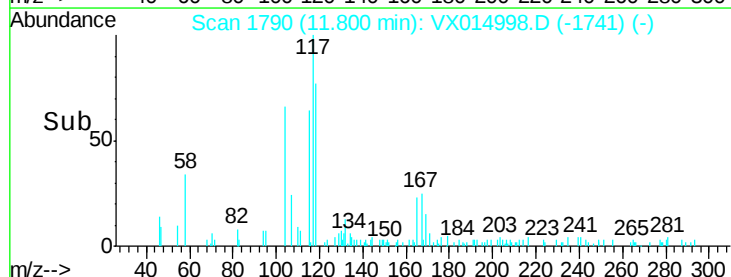
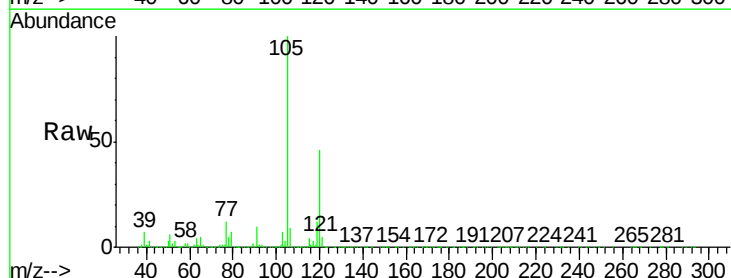
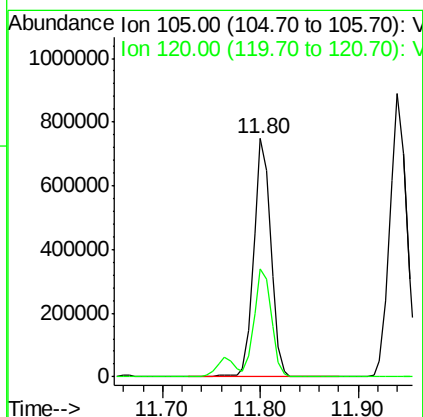
RT: 11.80 min Scan# 1790

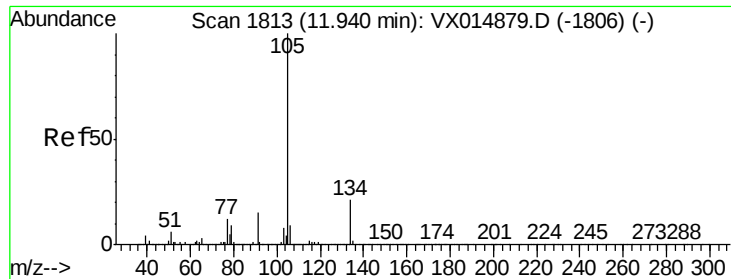
Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Tgt Ion:	105	Resp:	903867
Ion Ratio	Lower	Upper	
105	100		
120	45.5	23.0	69.0





#85

sec-Butylbenzene

Concen: 54.167 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1059120

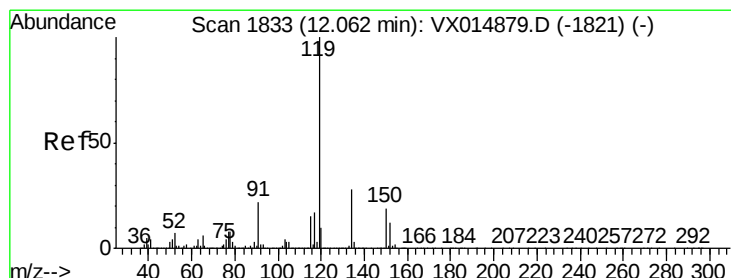
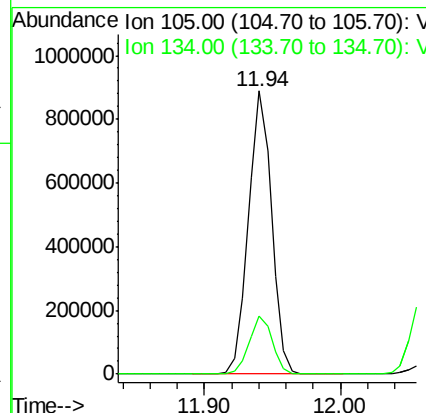
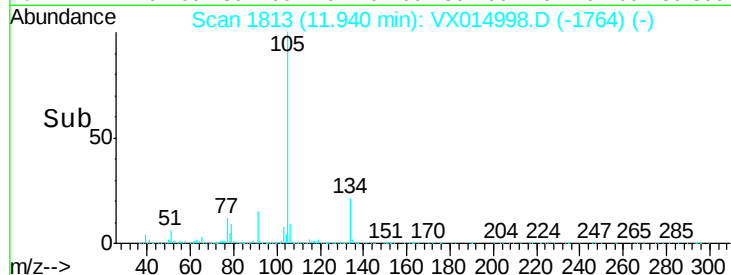
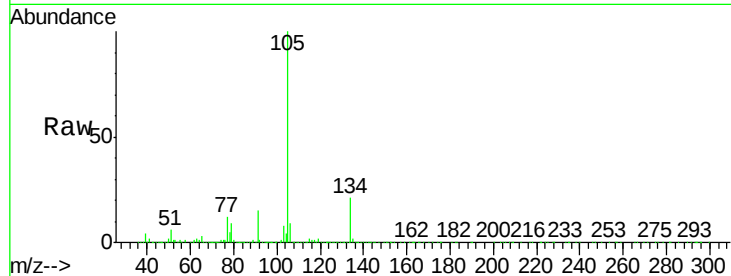
Ion Ratio Lower Upper

105 100

134 20.5 10.6 31.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 53.835 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

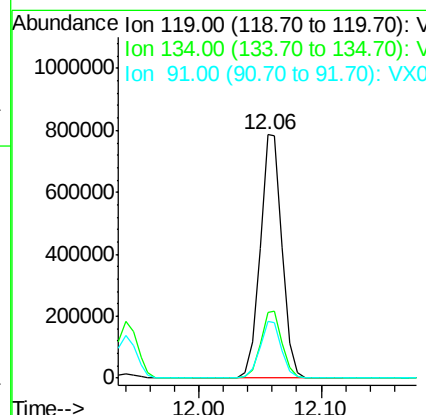
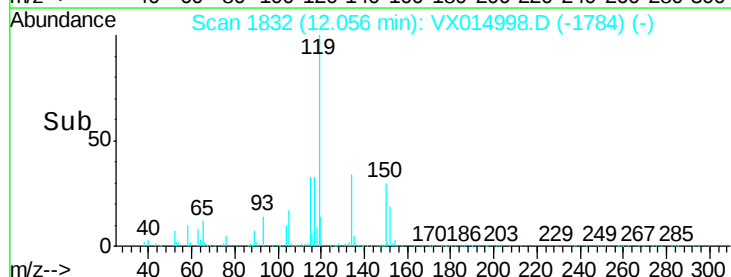
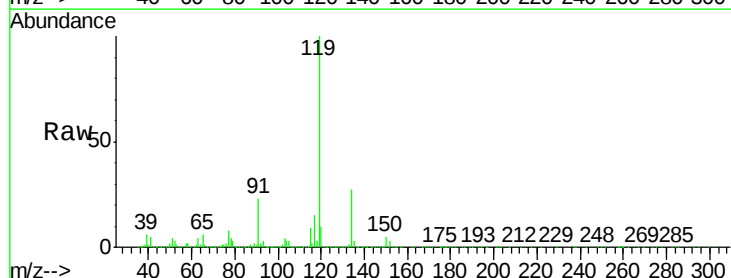
Tgt Ion:119 Resp: 985019

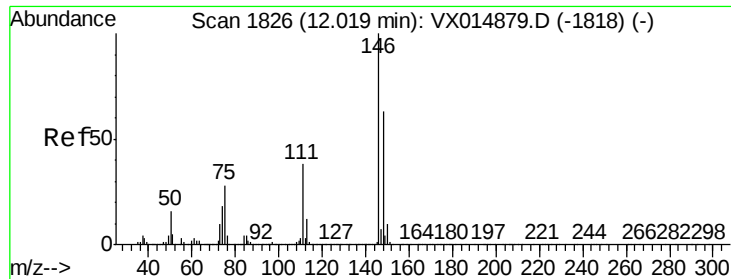
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 22.8 11.4 34.1





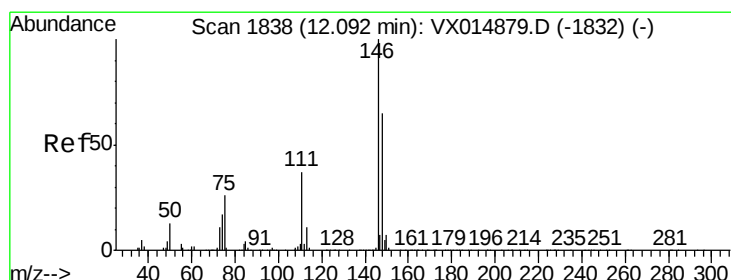
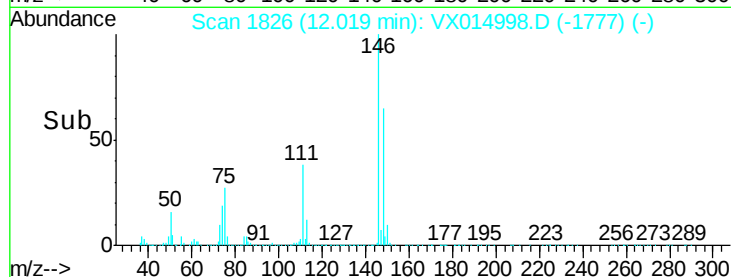
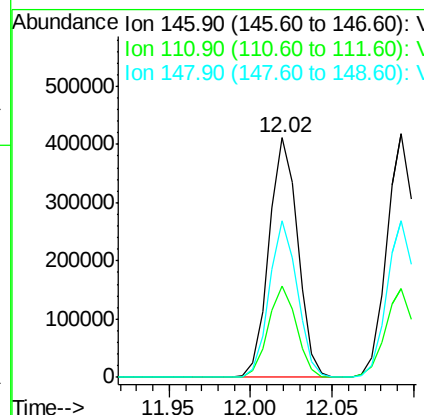
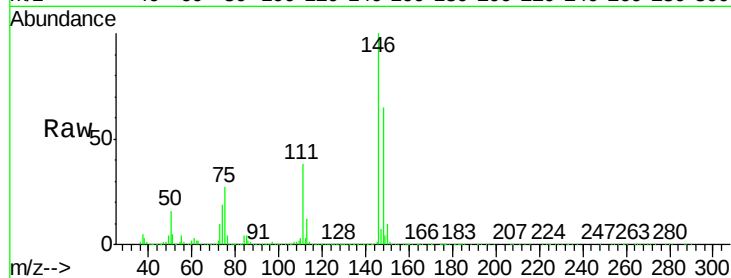
#87
 1,3-Dichlorobenzene
 Concen: 50.524 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	56.0
148	63.8	31.8	95.4

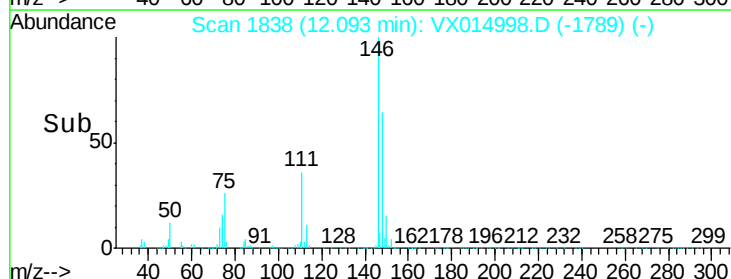
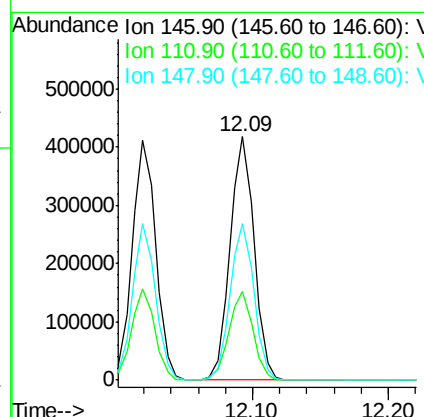
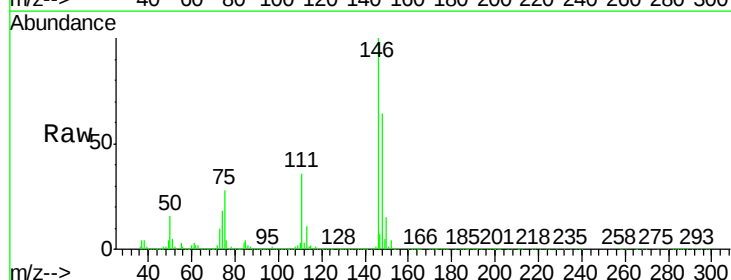
Manual Integrations
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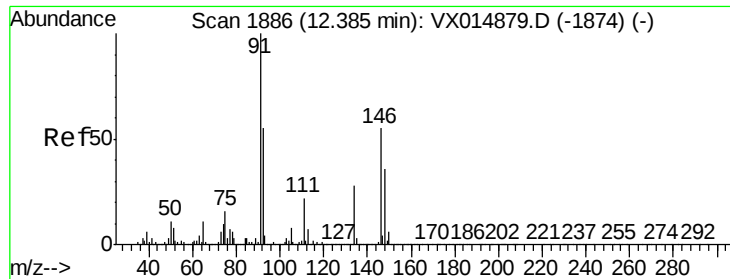
MMDadoda
 2/25/2020 9:36:31 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.999 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.6
148	64.2	32.4	97.0





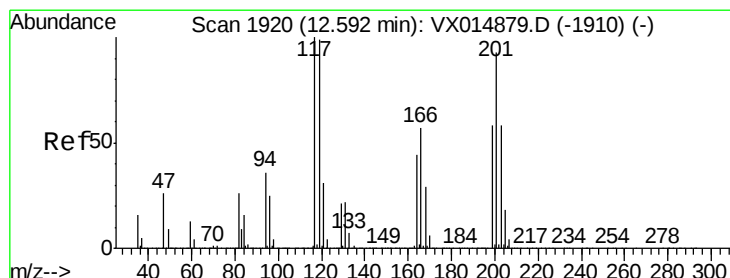
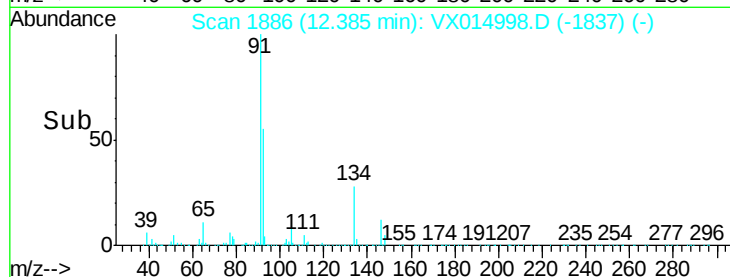
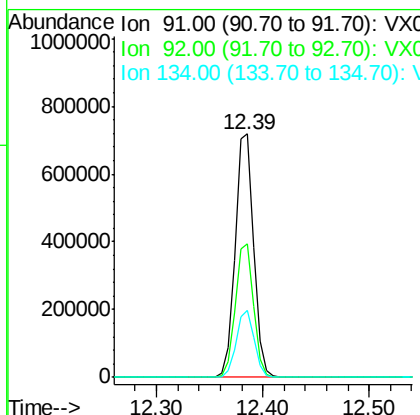
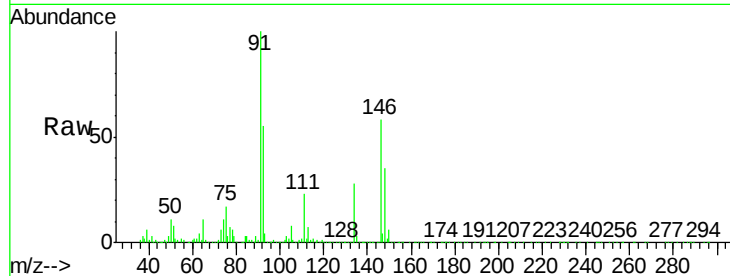
#89
n-Butylbenzene
Concen: 53.234 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.3	81.8
134	26.8	13.8	41.4

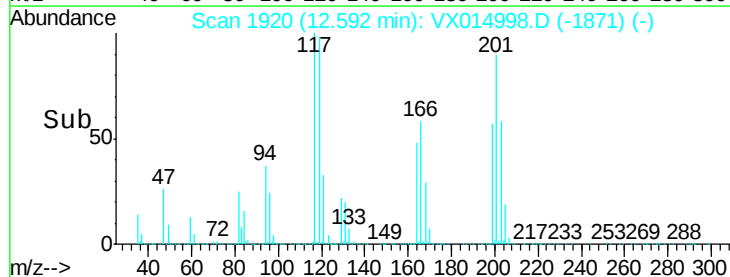
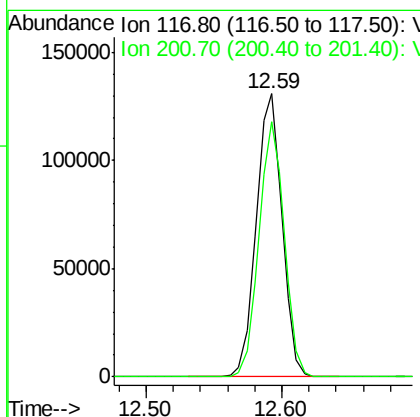
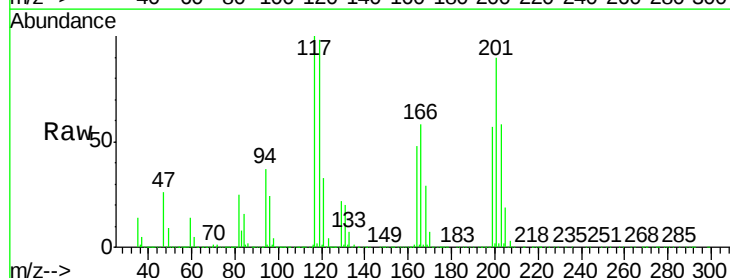
Manual Integrations
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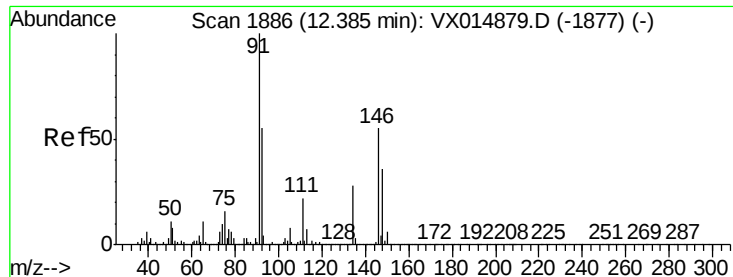
MMDadoda
2/25/2020 9:36:31 AM



#90
Hexachloroethane
Concen: 54.597 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.7	44.8	134.3





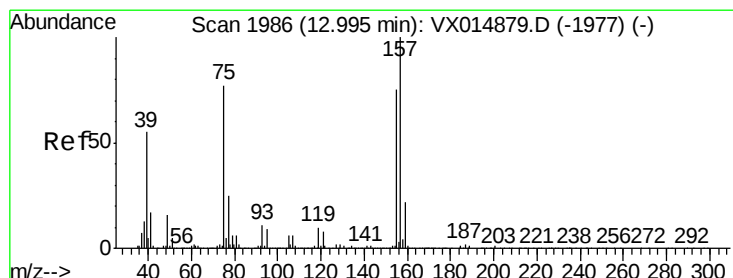
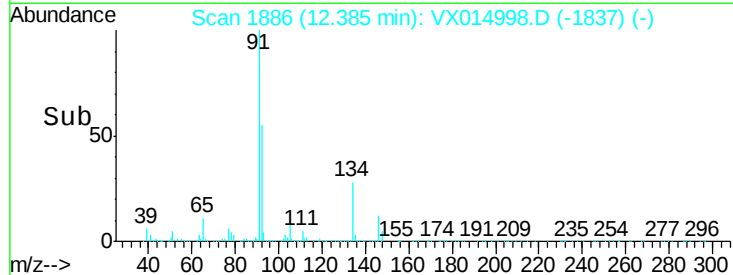
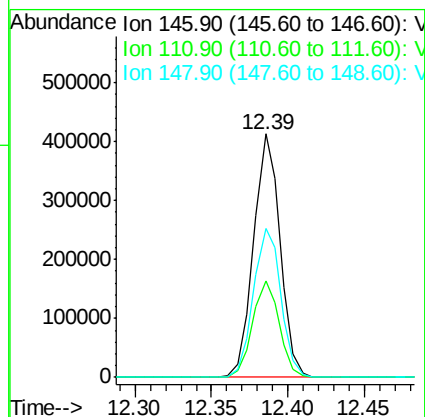
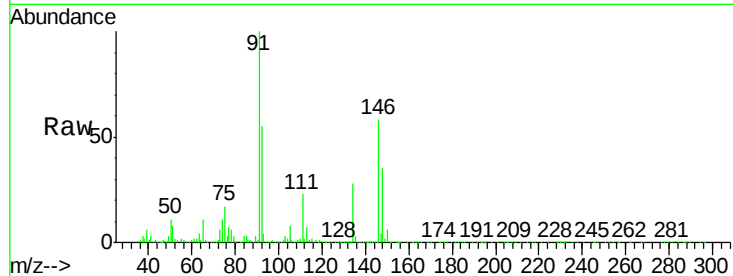
#91
 1,2-Dichlorobenzene
 Concen: 50.904 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.3
148	63.6	32.4	97.2

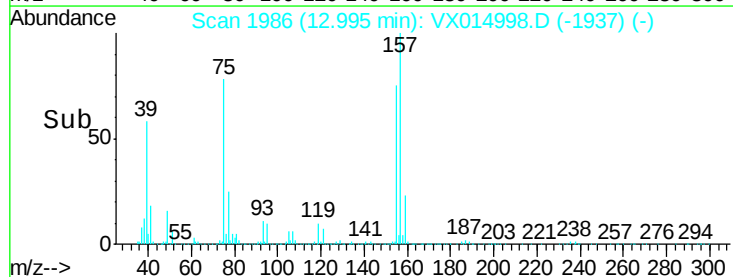
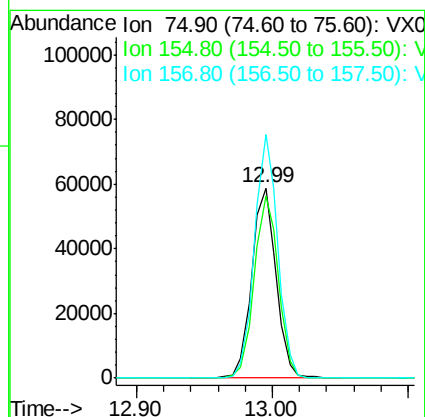
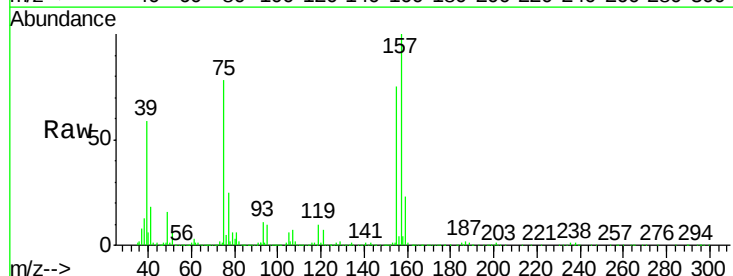
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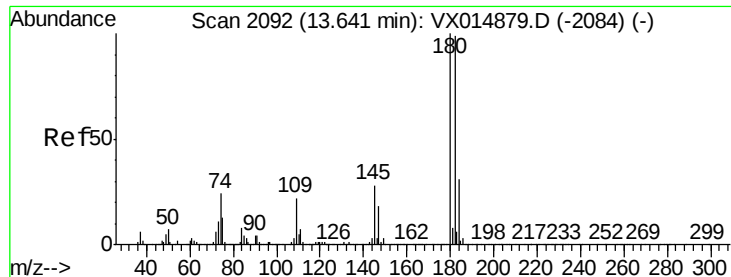
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.008 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	48.6	145.9
157	124.0	62.0	186.0





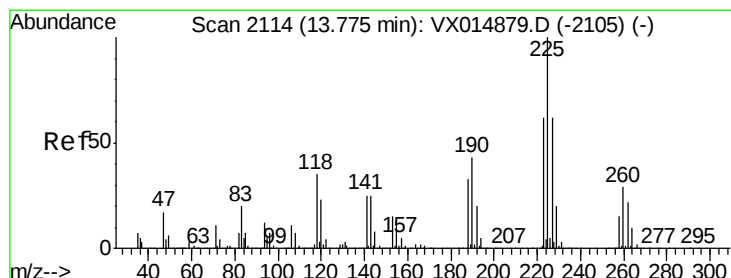
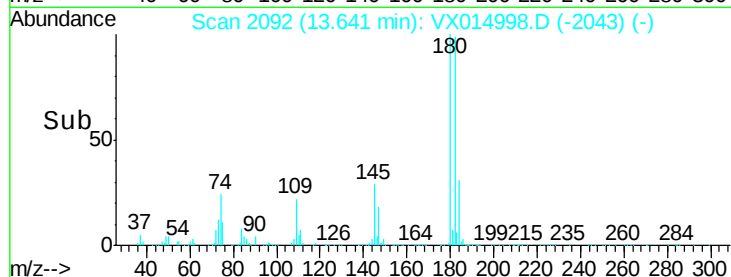
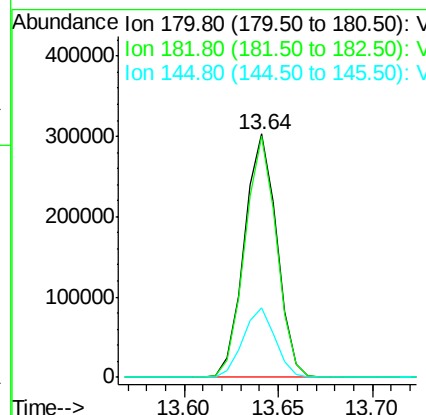
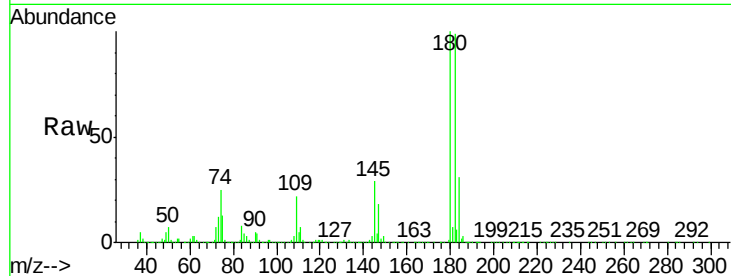
#93
 1,2,4-Trichlorobenzene
 Concen: 50.322 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	362802		
182	96.5	48.4	145.3	
145	28.2	14.1	42.4	

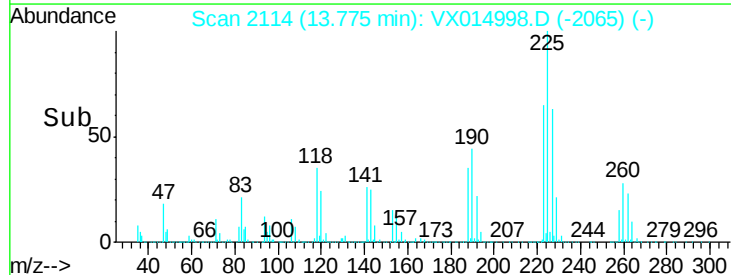
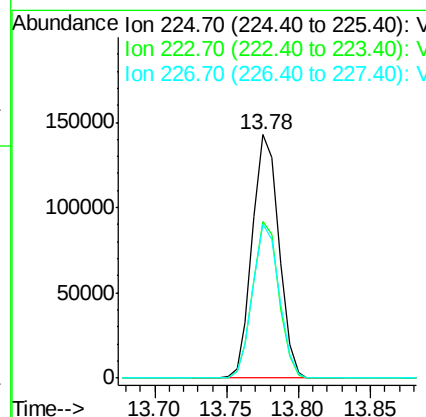
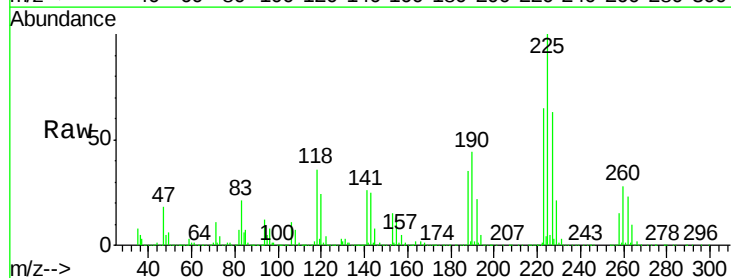
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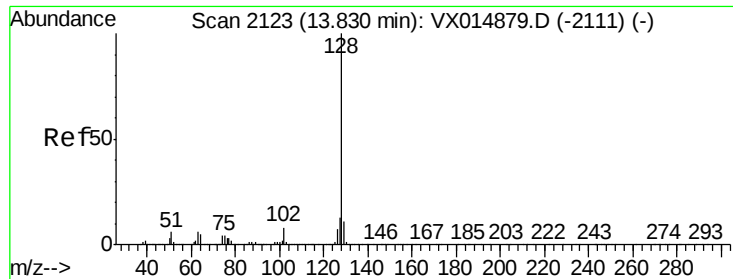
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 2/25/2020 9:36:31 AM



#94
 Hexachlorobutadiene
 Concen: 52.081 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	181616		
223	63.3	31.1	93.2	
227	63.1	30.9	92.5	





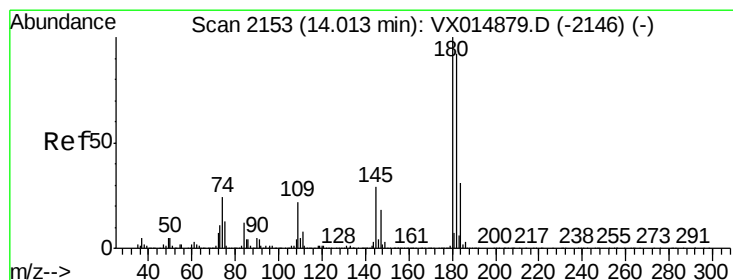
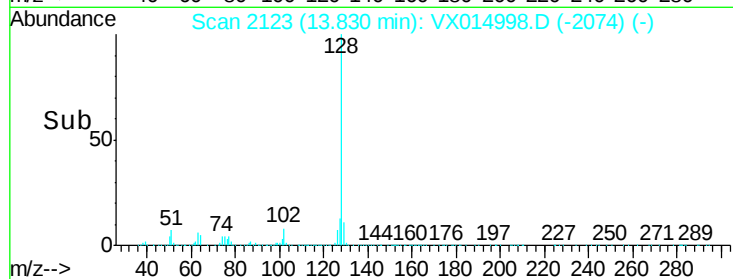
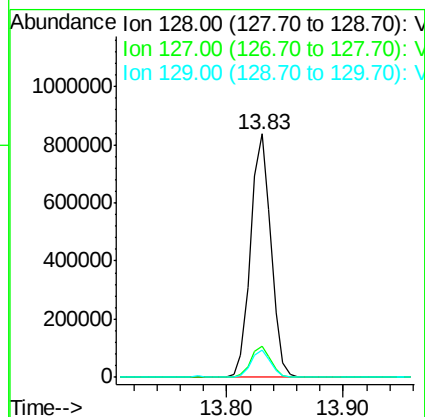
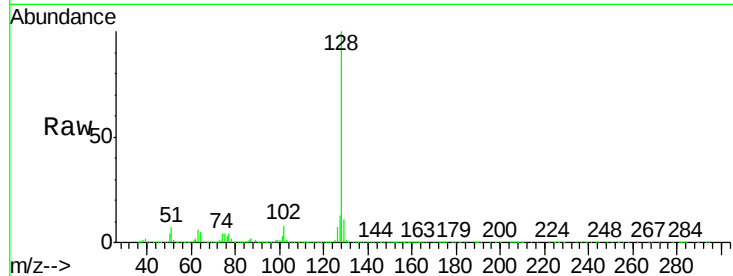
#95
Naphthalene
Concen: 53.222 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 51.652 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.5	142.6
145	29.1	14.5	43.5

