

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021120\
 Data File : VX014914.D
 Acq On : 11 Feb 2020 16:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:04:37 PM

Quant Time: Feb 12 06:18:50 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	467353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	685642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	647741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	258467	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	5.48	113	214240	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	8.71	98	811198	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	299268	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	233159	52.680	ug/l	99
3) Chloromethane	1.32	50	245172	48.860	ug/l	99
4) Vinyl Chloride	1.40	62	264208	48.878	ug/l	98
5) Bromomethane	1.64	94	163403	46.701	ug/l	97
6) Chloroethane	1.72	64	161983	46.833	ug/l	99
7) Trichlorofluoromethane	1.92	101	369110	48.874	ug/l	100
8) Diethyl Ether	2.18	74	145667	46.512	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215485	49.154	ug/l	98
10) Methyl Iodide	2.50	142	243794	49.895	ug/l	99
11) Tert butyl alcohol	3.02	59	212210	227.870	ug/l	99
12) 1,1-Dichloroethene	2.37	96	209277	48.854	ug/l	97
13) Acrolein	2.28	56	149814	211.070	ug/l	100
14) Allyl chloride	2.72	41	357673	47.094	ug/l	99
15) Acrylonitrile	3.12	53	555865	235.450	ug/l	99
16) Acetone	2.43	43	465532	160.391	ug/l	100
17) Carbon Disulfide	2.56	76	569675	47.596	ug/l	100
18) Methyl Acetate	2.76	43	249622	46.991	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	685268	49.153	ug/l	98
20) Methylene Chloride	2.84	84	231156	45.558	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	223694	47.325	ug/l	99
22) Diisopropyl ether	3.84	45	709403	48.905	ug/l	95
23) Vinyl Acetate	3.80	43	2962011	247.705	ug/l	100
24) 1,1-Dichloroethane	3.69	63	394799	48.224	ug/l	99
25) 2-Butanone	4.65	43	749719	208.787	ug/l	100
26) 2,2-Dichloropropane	4.57	77	333353	47.249	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	256248	48.497	ug/l	98
28) Bromochloromethane	5.00	49	153624	48.412	ug/l	98
29) Tetrahydrofuran	5.11	42	483934	237.075	ug/l	99
30) Chloroform	5.19	83	395392	48.679	ug/l	98
31) Cyclohexane	5.57	56	358302	48.052	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	345278	48.596	ug/l	99
36) 1,1-Dichloropropene	5.79	75	307596	50.152	ug/l	99
37) Ethyl Acetate	4.81	43	305120	47.698	ug/l	100
38) Carbon Tetrachloride	5.77	117	301944	50.517	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	383832	50.040	ug/l	98
40) Benzene	6.13	78	896061	48.898	ug/l	99
41) Methacrylonitrile	5.01	41	174409	50.610	ug/l	99
42) 1,2-Dichloroethane	6.18	62	319387	48.222	ug/l	100
43) Isopropyl Acetate	6.42	43	515657	48.866	ug/l	99
44) Trichloroethene	7.20	130	262414	49.328	ug/l	100
45) 1,2-Dichloropropane	7.50	63	230564	49.334	ug/l	100
46) Dibromomethane	7.65	93	156524	48.997	ug/l	98
47) Bromodichloromethane	7.89	83	313223	49.450	ug/l	99
48) Methyl methacrylate	7.76	41	255230	49.147	ug/l	99
49) 1,4-Dioxane	7.72	88	93356	961.466	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1546021	242.633	ug/l	100
52) Toluene	8.78	92	579004	49.747	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	347597	50.073	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	379521	49.489	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	229391	48.714	ug/l	99
56) Ethyl methacrylate	9.17	69	361832	51.121	ug/l	99
57) 1,3-Dichloropropane	9.36	76	386045	48.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	897639	242.498	ug/l	100
59) 2-Hexanone	9.48	43	1156882	230.990	ug/l	99
60) Dibromochloromethane	9.57	129	257365	50.787	ug/l	98
61) 1,2-Dibromoethane	9.67	107	244509	48.124	ug/l	100
64) Tetrachloroethene	9.33	164	299920	49.523	ug/l	99
65) Chlorobenzene	10.13	112	633590	48.226	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	235097	49.290	ug/l	100
67) Ethyl Benzene	10.25	91	1114365	49.874	ug/l	99
68) m/p-Xylenes	10.36	106	860501	99.972	ug/l	99
69) o-Xylene	10.69	106	409354	49.474	ug/l	100
70) Styrene	10.71	104	714734	51.061	ug/l	100
71) Bromoform	10.85	173	201026	50.494	ug/l	99
73) Isopropylbenzene	11.01	105	1106861	50.194	ug/l	99
74) N-amyl acetate	10.89	43	459758	50.178	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	333896	46.320	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	290759m	45.725	ug/l	
77) Bromobenzene	11.25	156	295593	48.026	ug/l	97
78) n-propylbenzene	11.35	91	1278626	50.132	ug/l	99
79) 2-Chlorotoluene	11.42	91	738732	49.268	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	923467	50.119	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	120417	48.473	ug/l	100
82) 4-Chlorotoluene	11.51	91	865485	48.742	ug/l	100
83) tert-Butylbenzene	11.76	119	870206	49.874	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	938793	50.558	ug/l	100
85) sec-Butylbenzene	11.94	105	1094516	50.495	ug/l	100
86) p-Isopropyltoluene	12.06	119	1032037	50.880	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	538452	48.765	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	537851	47.700	ug/l	100
89) n-Butylbenzene	12.38	91	930006	51.195	ug/l	100
90) Hexachloroethane	12.59	117	176982	49.963	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	520278	48.048	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72980	43.154	ug/l	99

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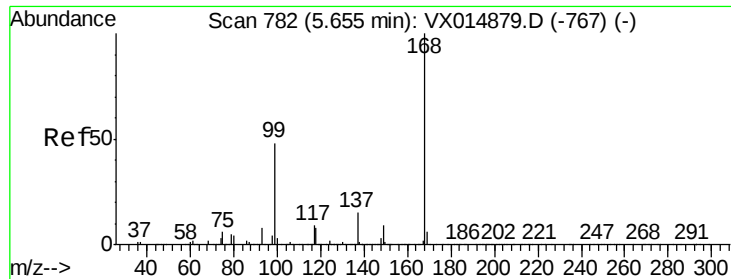
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	388924	48.662	ug/l	99
94) Hexachlorobutadiene	13.78	225	194725	50.372	ug/l	100
95) Naphthalene	13.83	128	1080060	50.825	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	384796	49.833	ug/l	100

(#) = 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: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 467353

Ion Ratio Lower Upper

168 100

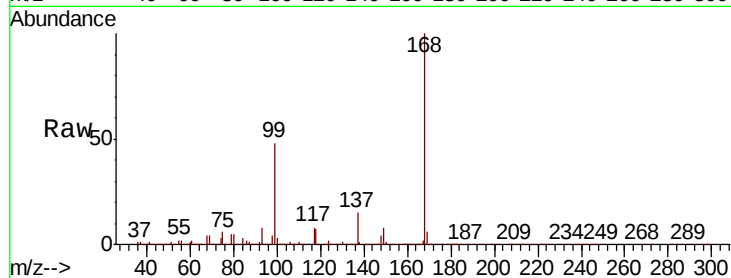
99 47.3 38.7 58.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

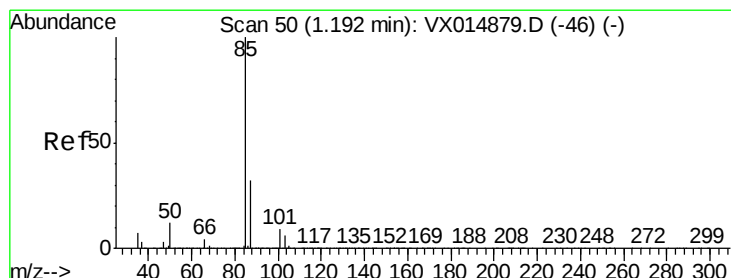
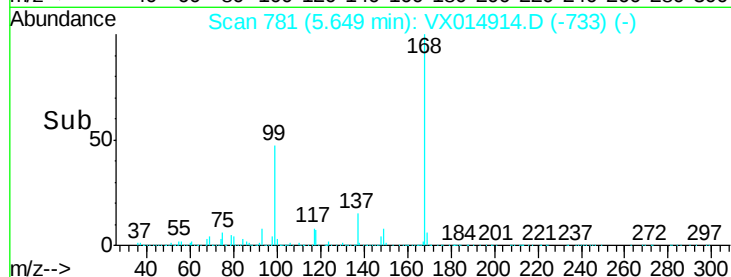
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.680 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014914.D

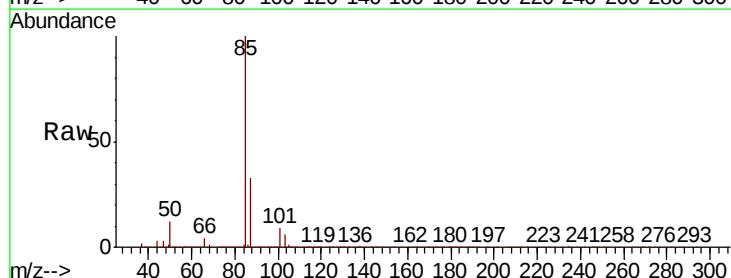
Acq: 11 Feb 2020 16:25

Tgt Ion: 85 Resp: 233159

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

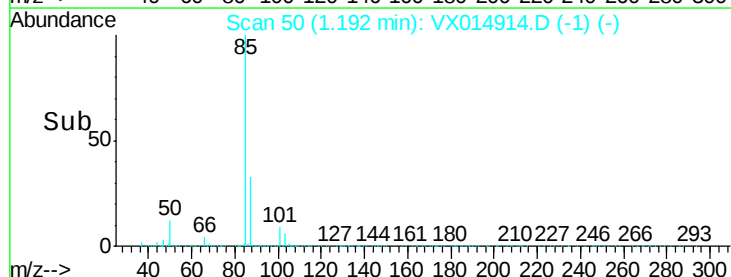
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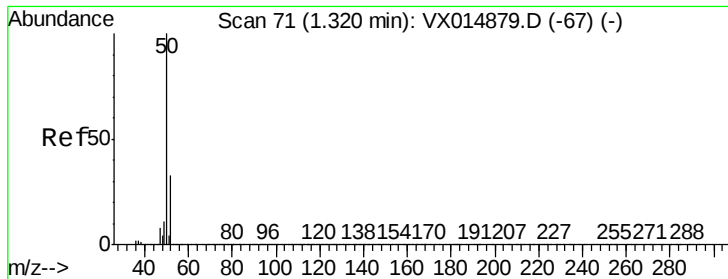
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50000

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Time-->





#3

Chloromethane

Concen: 48.860 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 245172

Ion Ratio Lower Upper

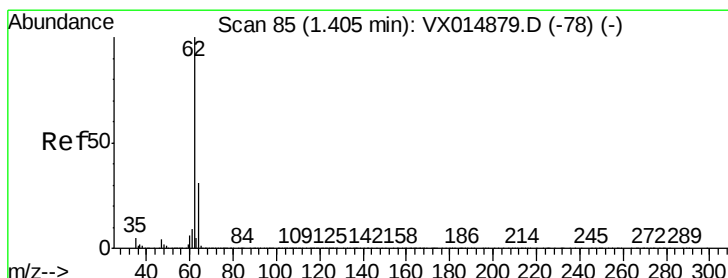
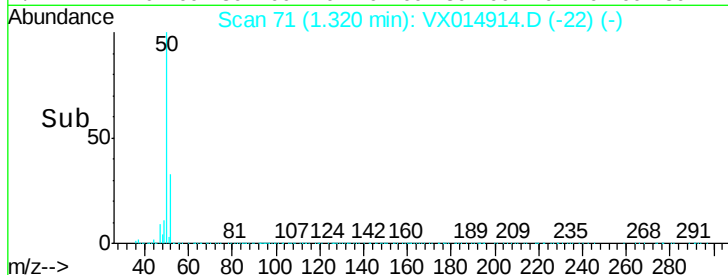
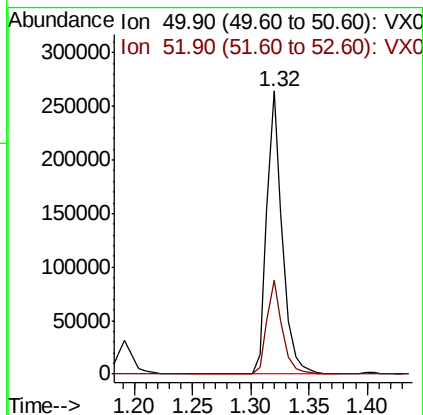
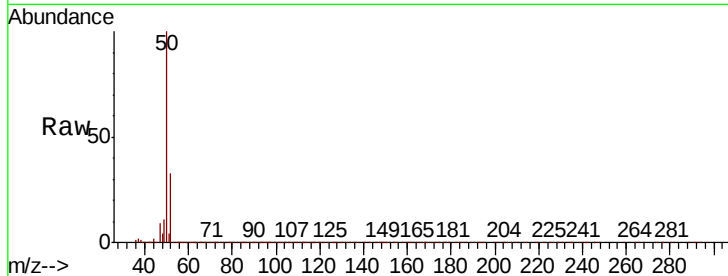
50 100

52 33.2 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 48.878 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014914.D

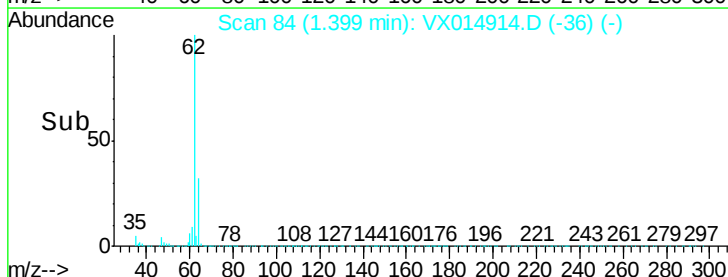
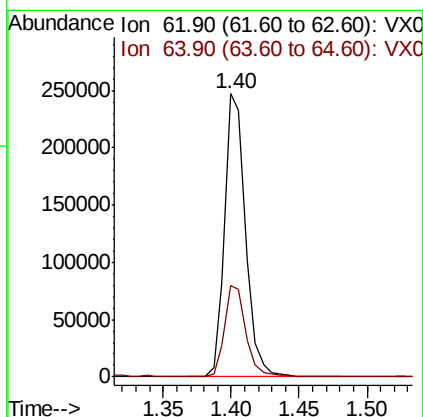
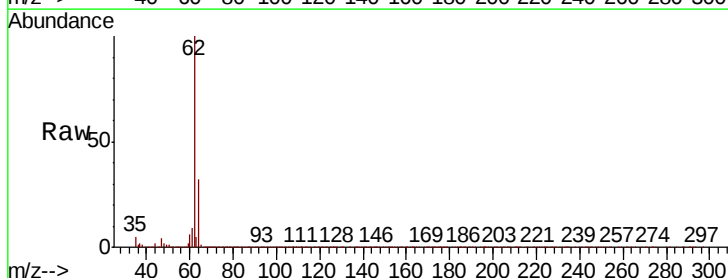
Acq: 11 Feb 2020 16:25

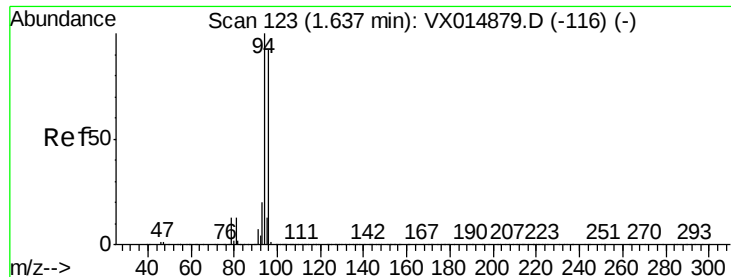
Tgt Ion: 62 Resp: 264208

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2





#5

Bromomethane

Concen: 46.701 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 163403

Ion Ratio Lower Upper

94 100

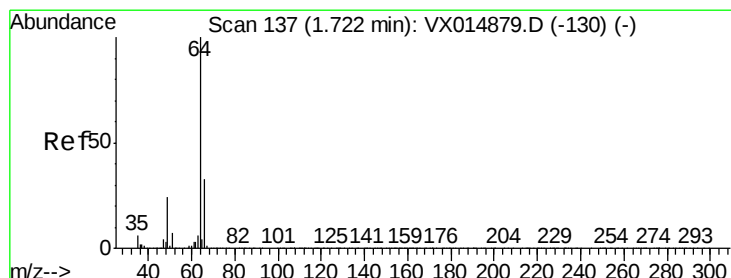
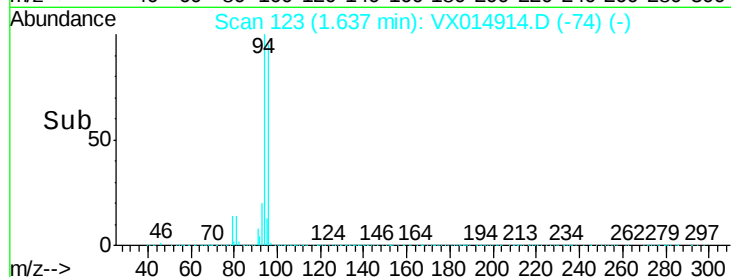
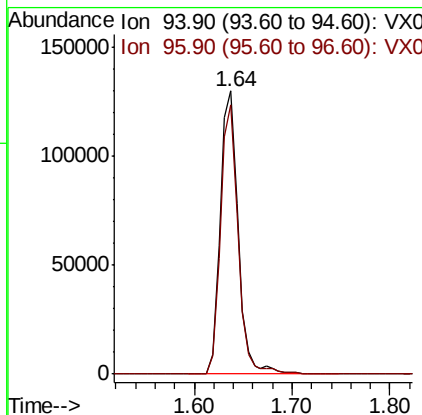
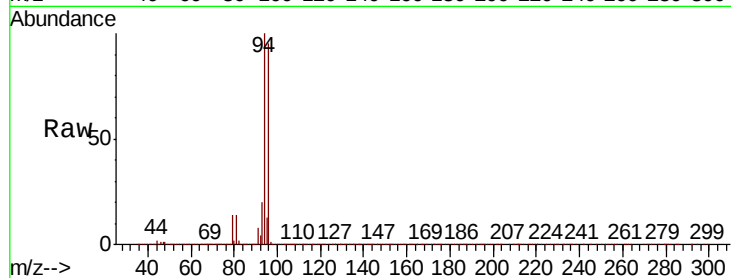
96 95.2 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 46.833 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014914.D

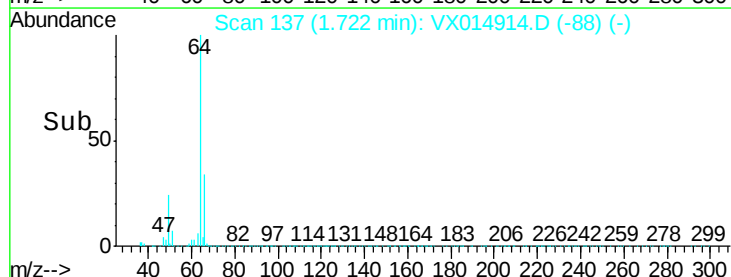
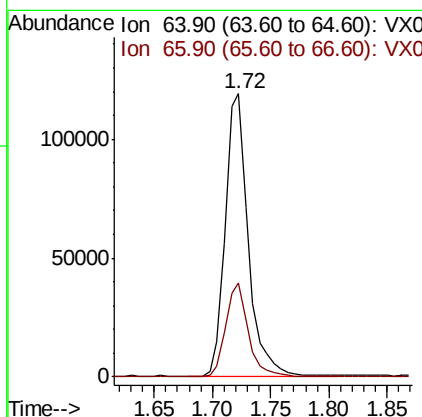
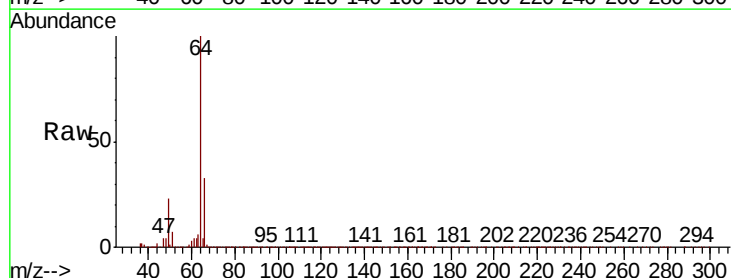
Acq: 11 Feb 2020 16:25

Tgt Ion: 64 Resp: 161983

Ion Ratio Lower Upper

64 100

66 33.3 26.2 39.4





#7

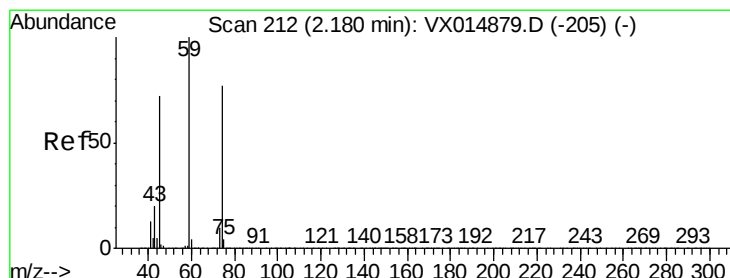
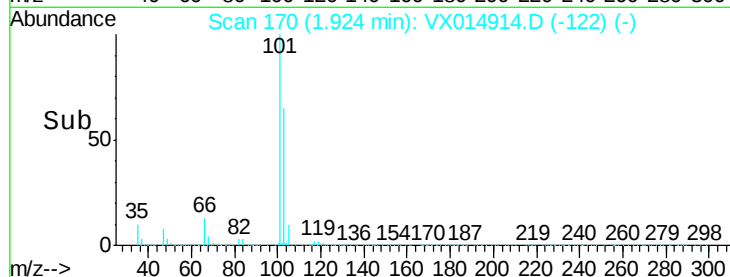
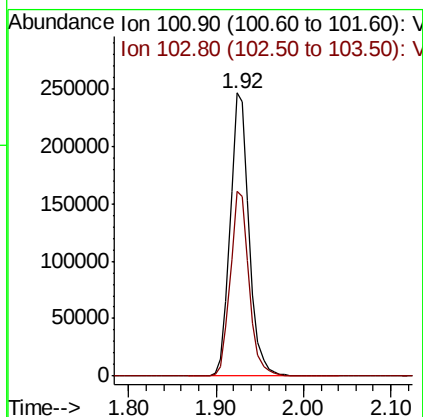
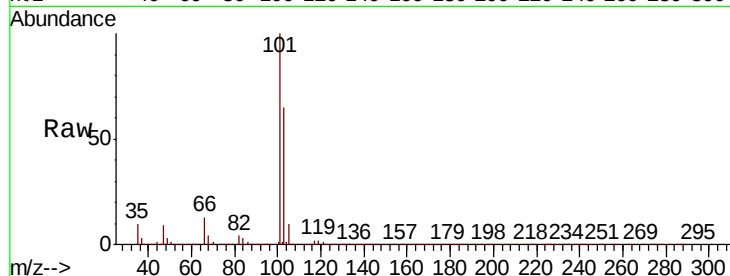
Trichlorofluoromethane
Concen: 48.874 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014914.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.2	78.4

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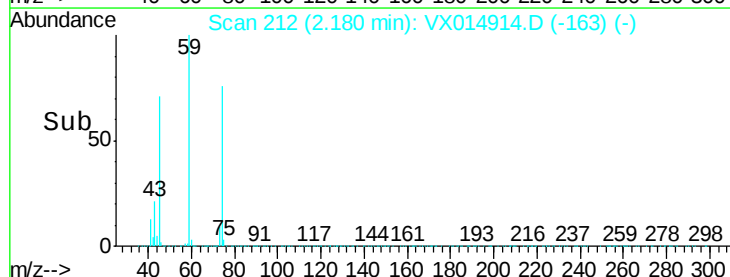
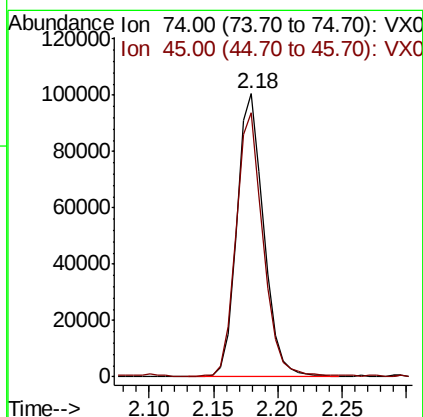
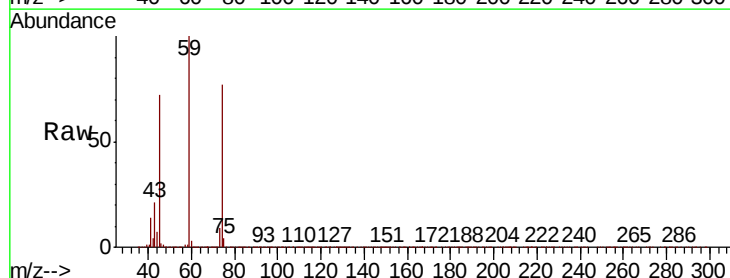
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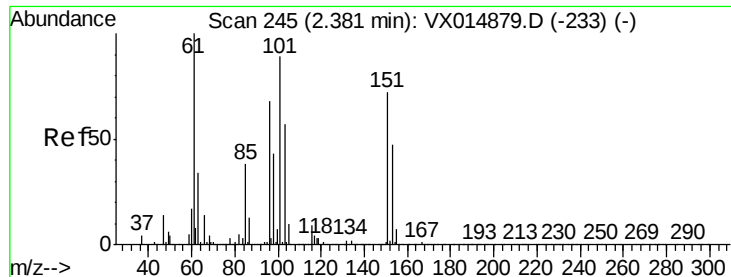


#8

Diethyl Ether
Concen: 46.512 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.2	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.154 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

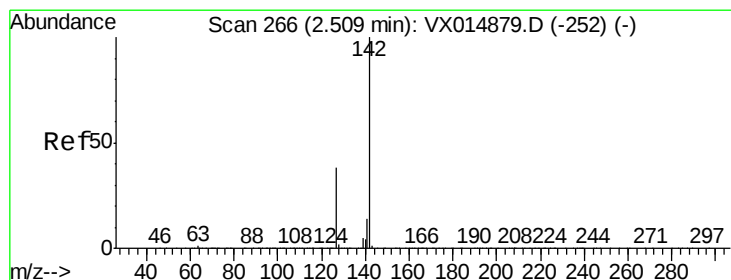
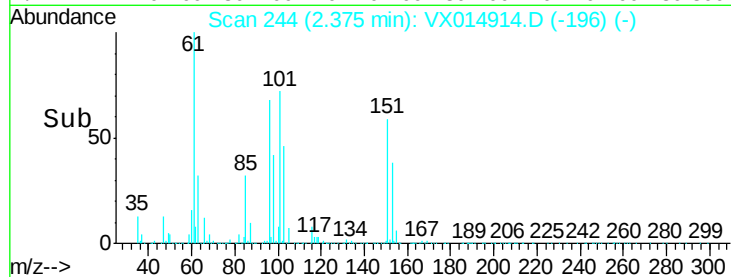
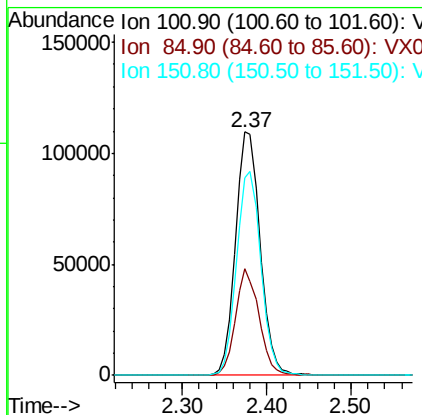
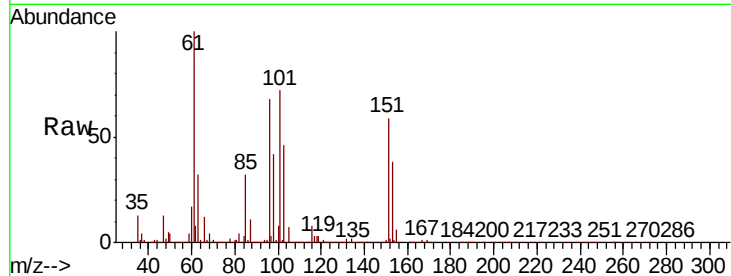
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	215485
Ion Ratio	Lower	Upper	
101	100		
85	40.9	34.1	51.1
151	83.0	67.3	100.9

Manual Integrations
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#10

Methyl Iodide

Concen: 49.895 ug/l

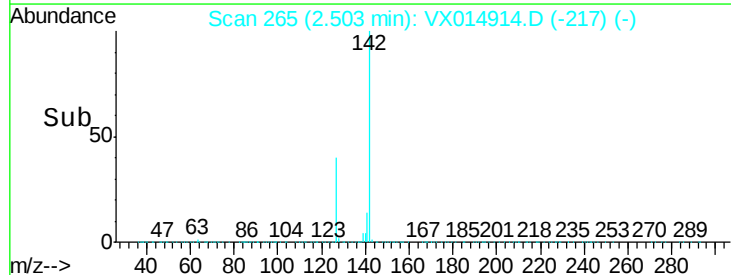
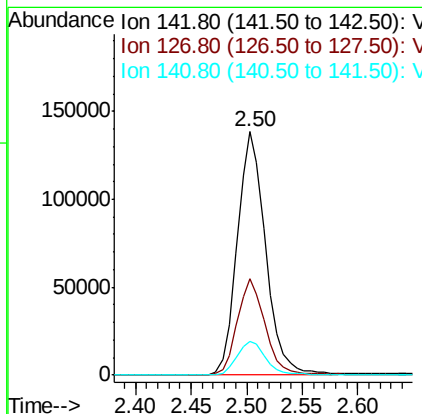
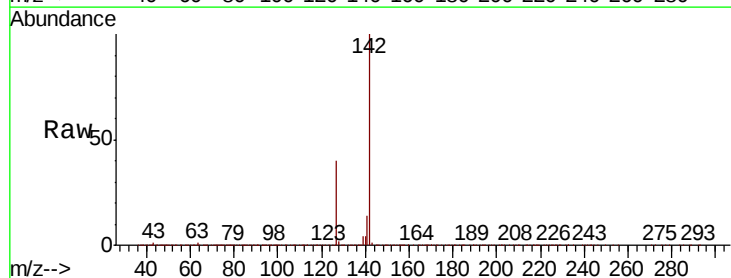
RT: 2.50 min Scan# 265

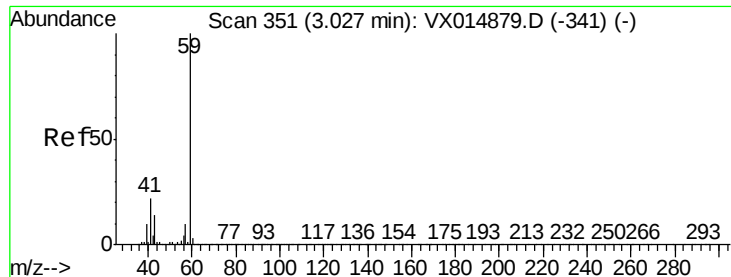
Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Tgt Ion:	142	Resp:	243794
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.1	46.7
141	14.5	11.3	16.9





#11

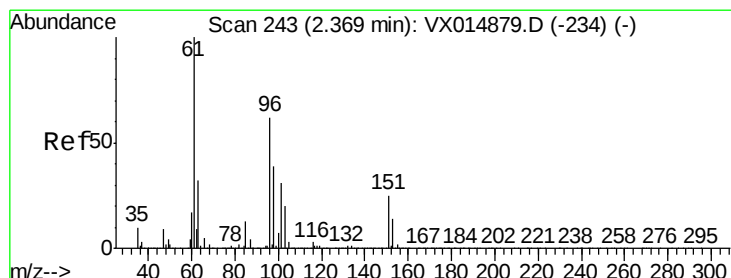
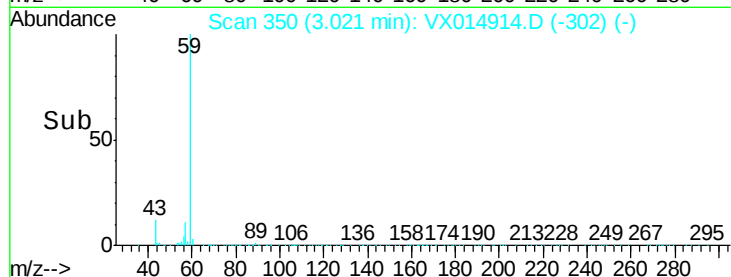
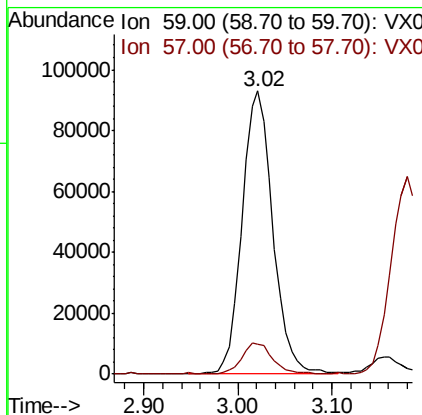
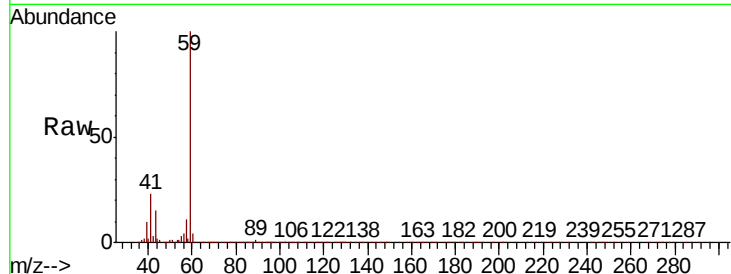
Tert butyl alcohol
Concen: 227.870 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.2	12.4

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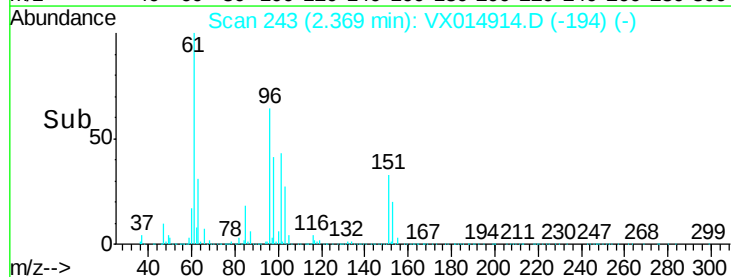
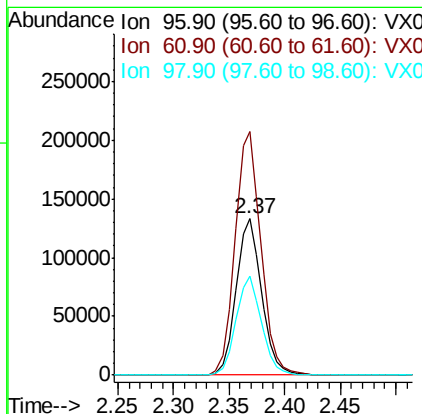
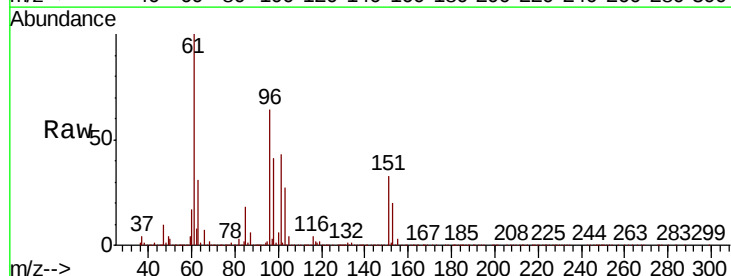
MMDadoda
2/12/2020 3:04:37 PM

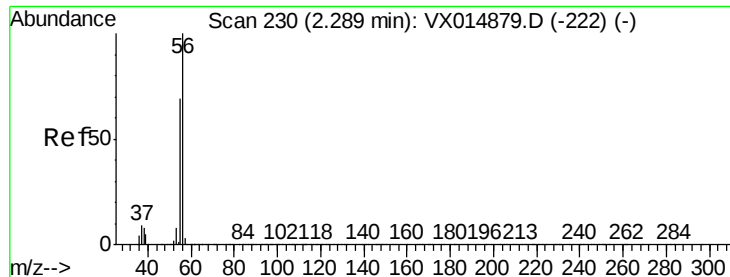


#12

1,1-Dichloroethene
Concen: 48.854 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.9	129.5	194.3
98	63.5	50.6	76.0





#13

Acrolein

Concen: 211.070 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 149814

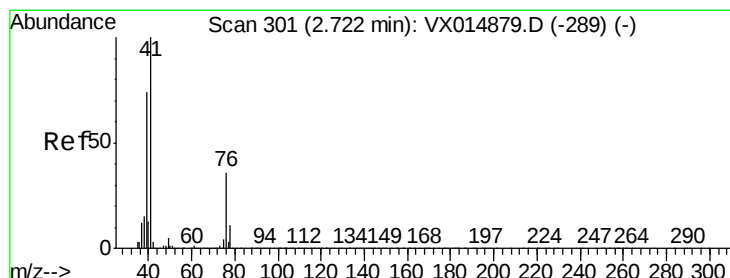
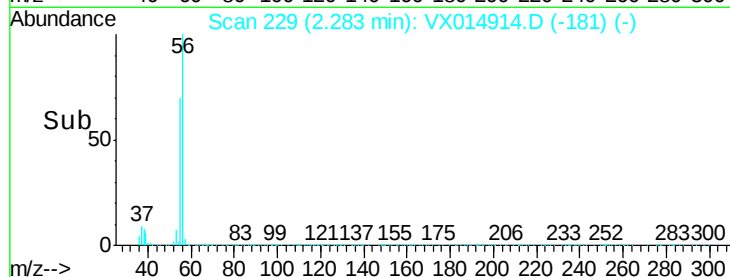
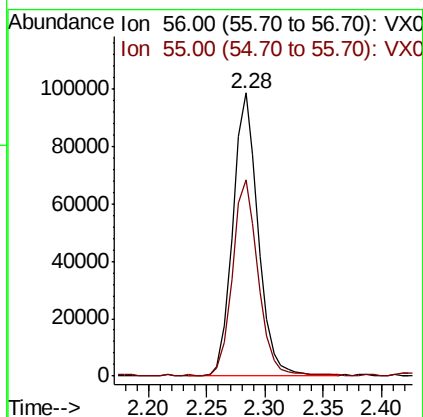
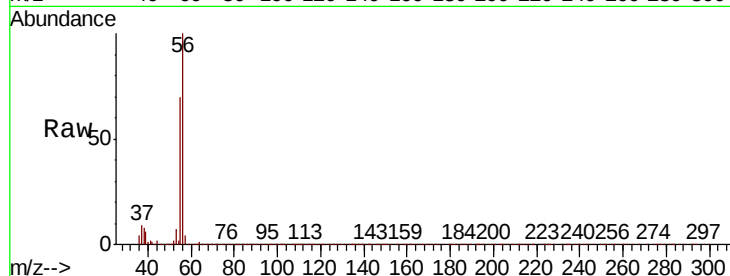
Ion Ratio Lower Upper

56 100

55 69.0 55.0 82.4

Manual Integrations
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#14

Allyl chloride

Concen: 47.094 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

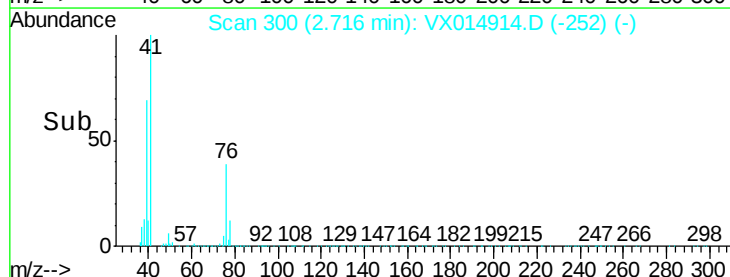
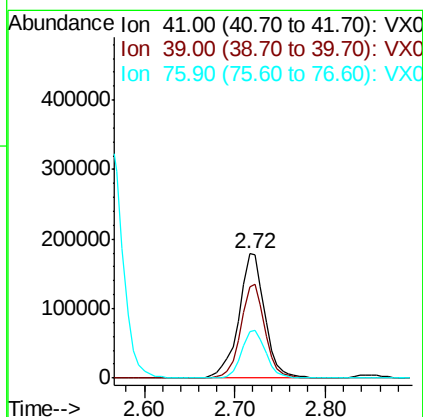
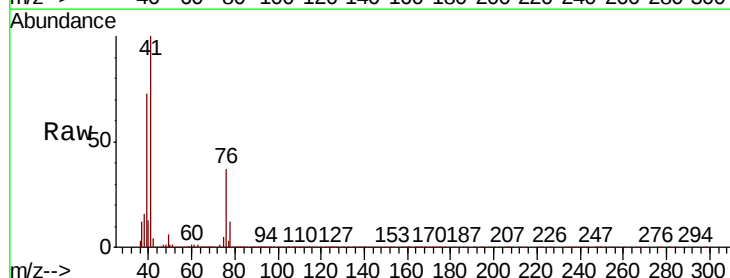
Tgt Ion: 41 Resp: 357673

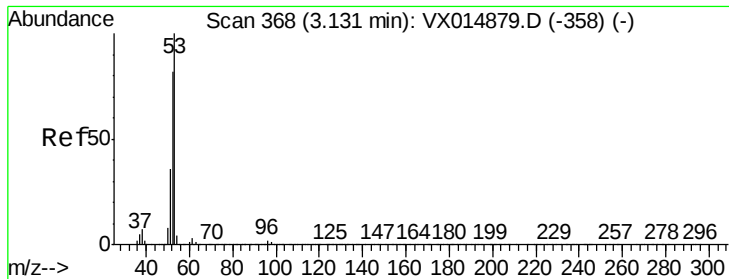
Ion Ratio Lower Upper

41 100

39 69.3 55.2 82.8

76 34.6 26.8 40.2





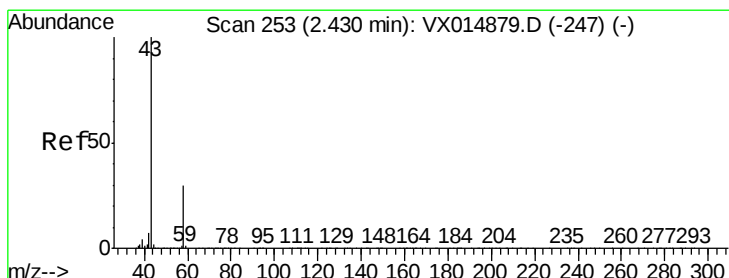
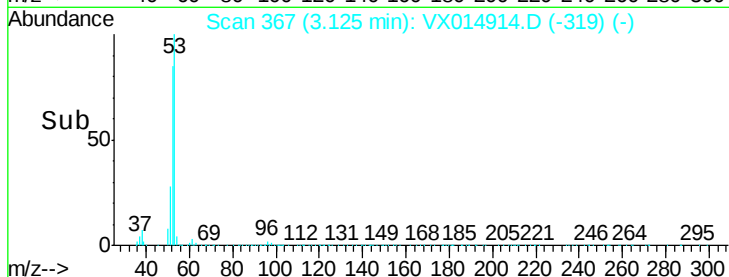
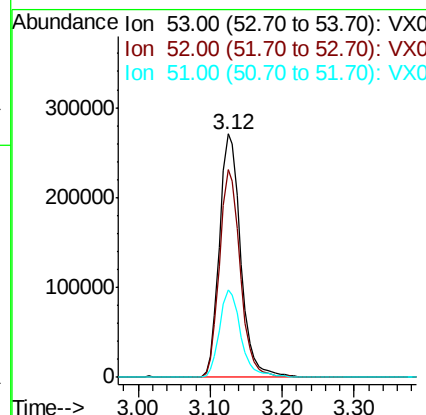
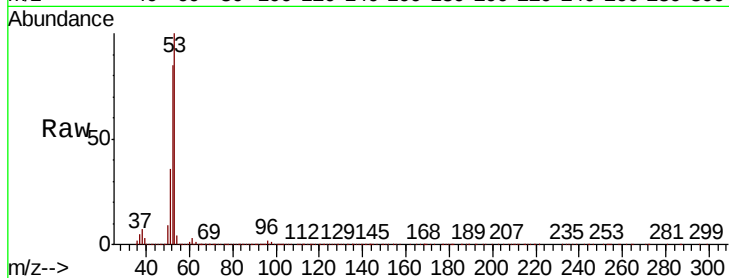
#15
 Acrylonitrile
 Concen: 235.450 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	53	Resp	555865
Ion Ratio	Lower	Upper	
53	100		
52	83.3	65.8	98.6
51	35.8	29.1	43.7

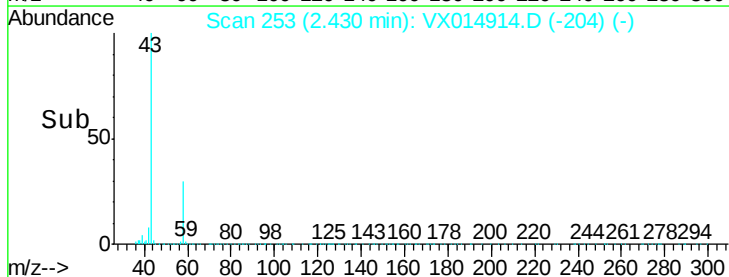
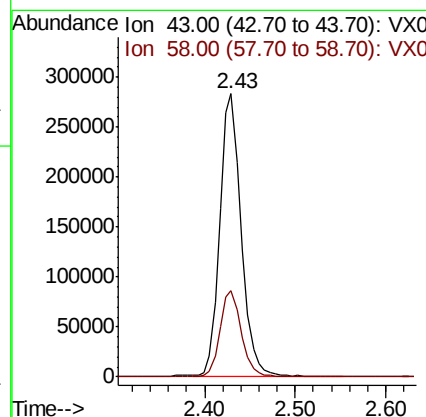
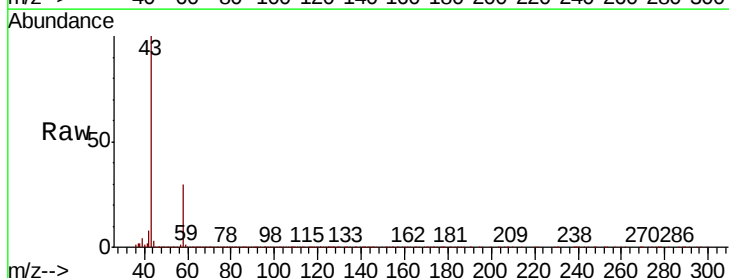
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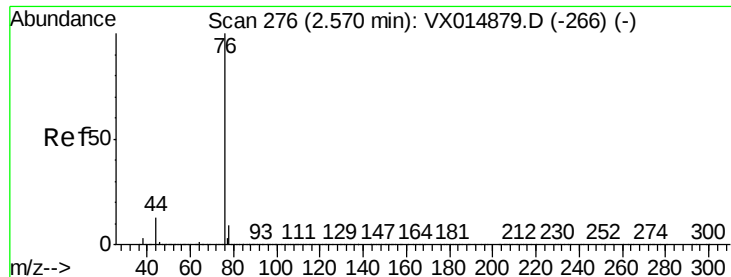
MMDadoda
 2/12/2020 3:04:37 PM



#16
 Acetone
 Concen: 160.391 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion	43	Resp	465532
Ion Ratio	Lower	Upper	
43	100		
58	30.2	24.1	36.1





#17

Carbon Disulfide

Concen: 47.596 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 569675

Ion Ratio Lower Upper

76 100

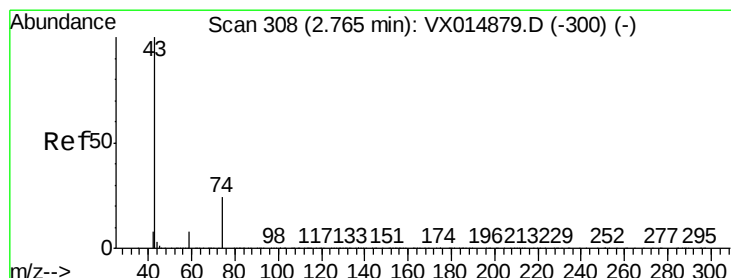
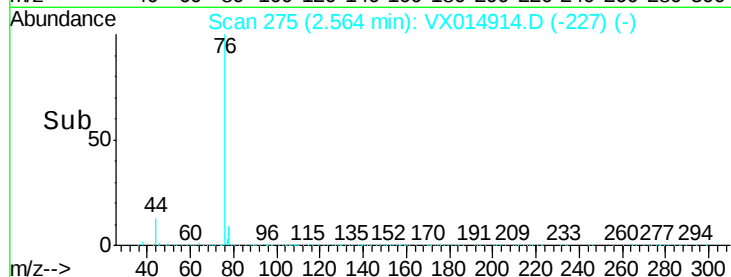
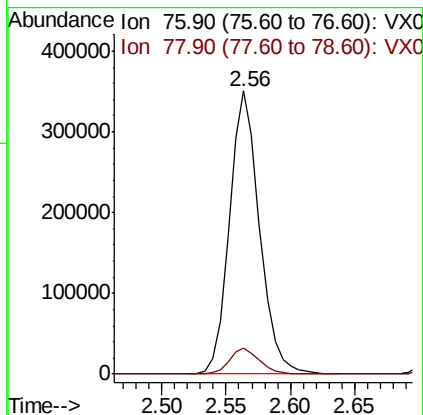
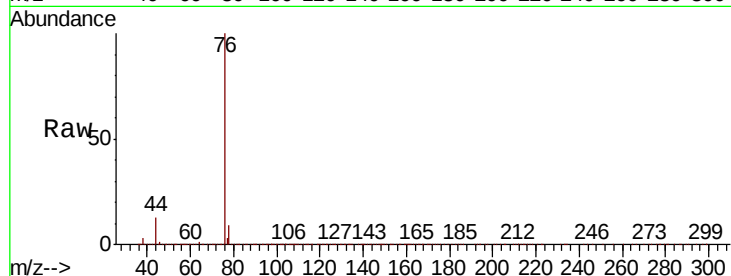
78 9.2 7.4 11.0

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#18

Methyl Acetate

Concen: 46.991 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014914.D

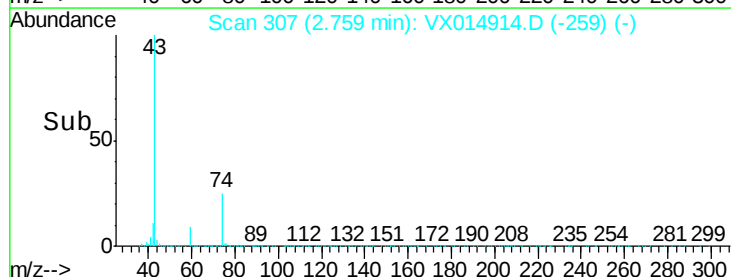
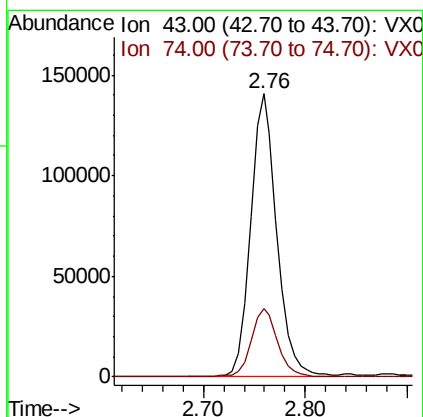
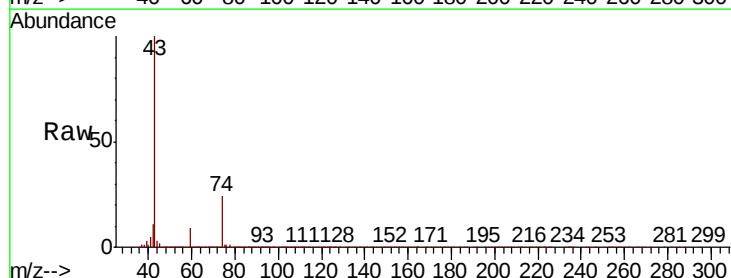
Acq: 11 Feb 2020 16:25

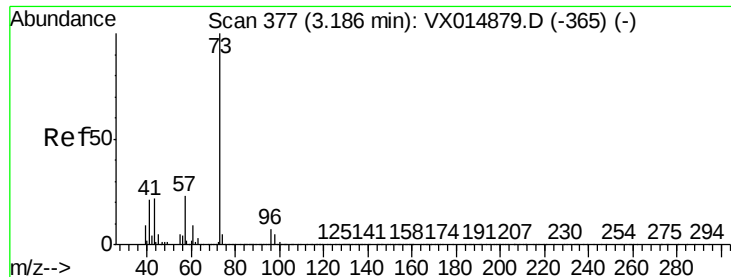
Tgt Ion: 43 Resp: 249622

Ion Ratio Lower Upper

43 100

74 24.7 19.4 29.0





#19

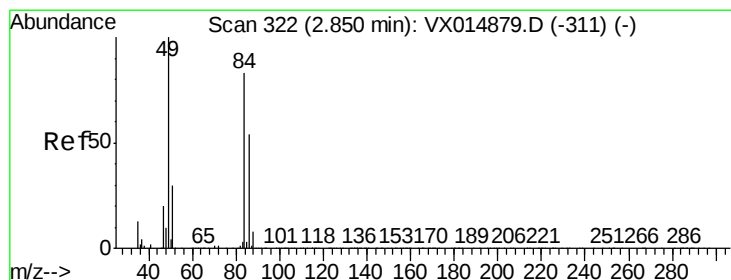
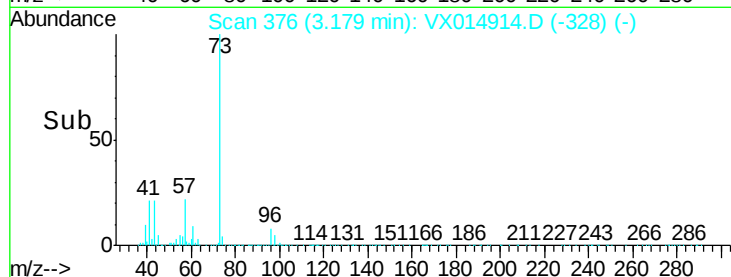
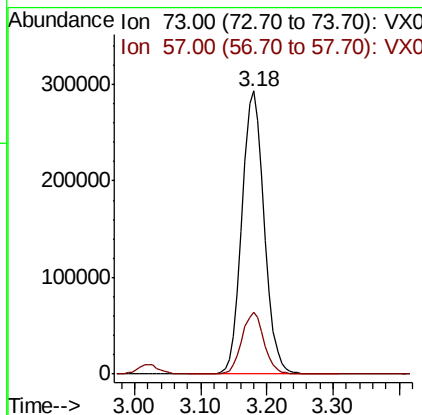
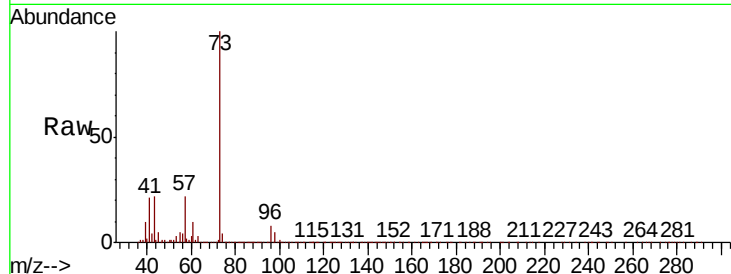
Methyl tert-butyl Ether
 Concen: 49.153 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.2	27.4

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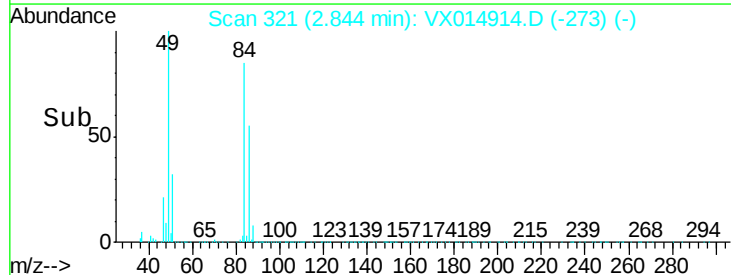
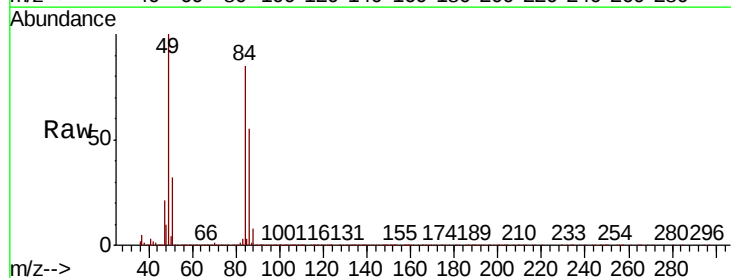
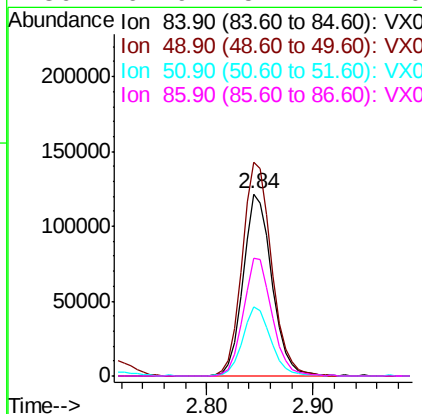
MMDadoda
 2/12/2020 3:04:37 PM

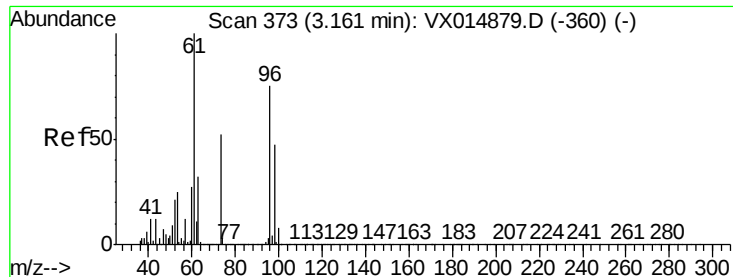


#20

Methylene Chloride
 Concen: 45.558 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.3	95.6	143.4
51	37.9	29.0	43.6
86	64.9	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 47.325 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

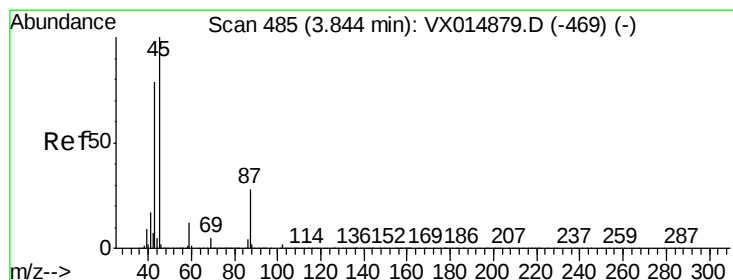
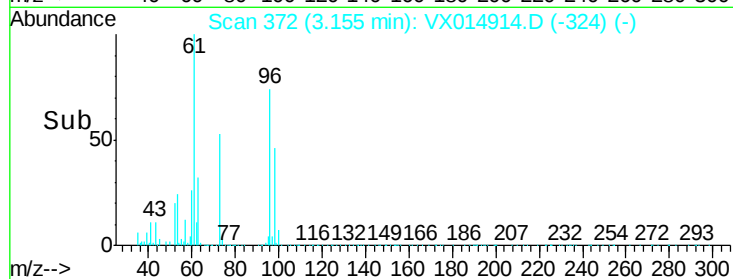
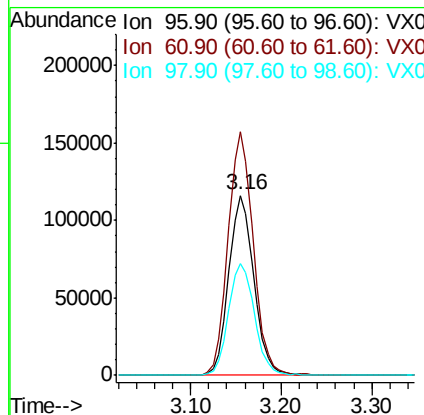
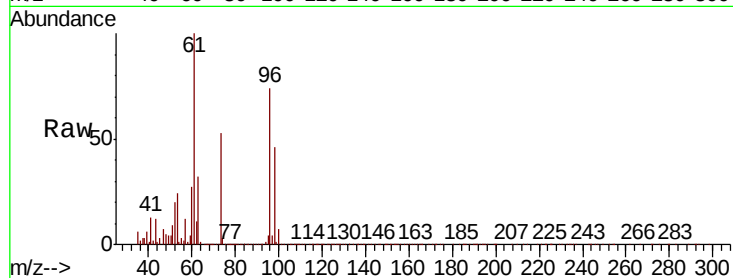
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	223694
Ion Ratio	Lower	Upper	
96	100		
61	135.3	106.9	160.3
98	62.3	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.905 ug/l

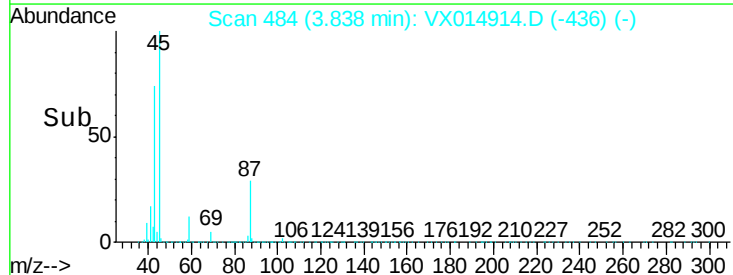
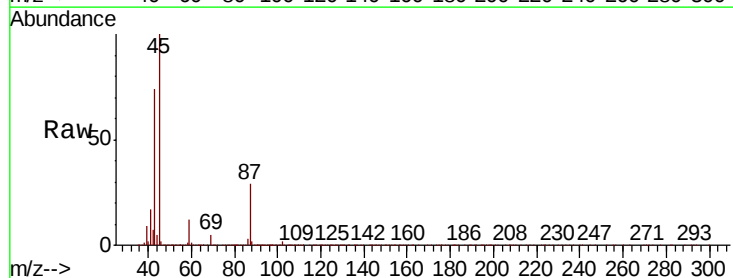
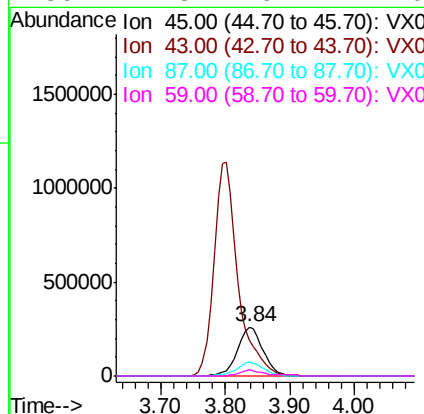
RT: 3.84 min Scan# 484

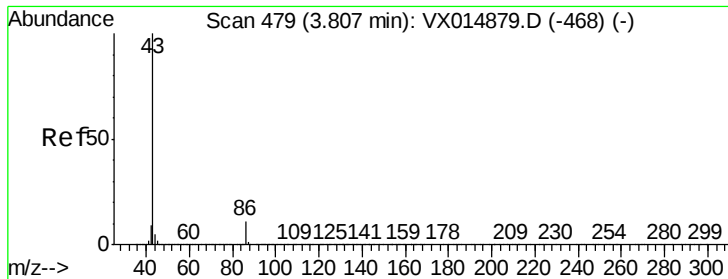
Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Tgt Ion:	45	Resp:	709403
Ion Ratio	Lower	Upper	
45	100		
43	73.4	63.5	95.3
87	29.1	22.2	33.4
59	11.8	9.4	14.0





#23

Vinyl Acetate

Concen: 247.705 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2962011

Ion Ratio Lower Upper

43 100

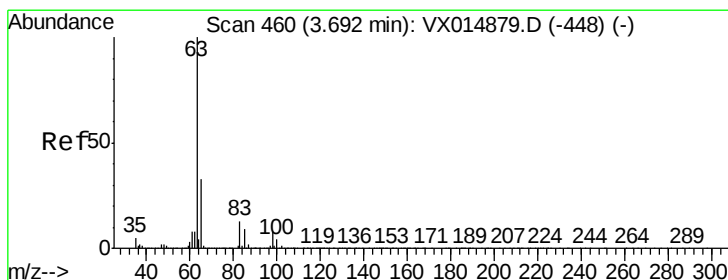
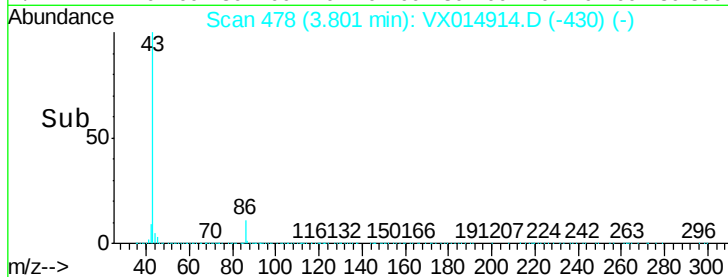
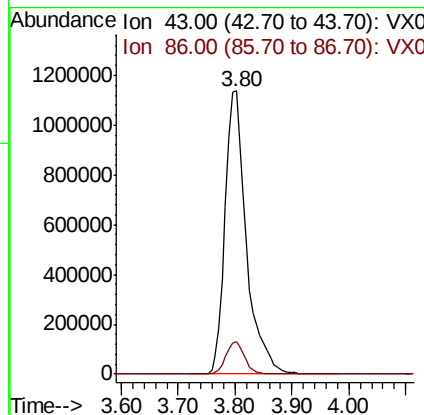
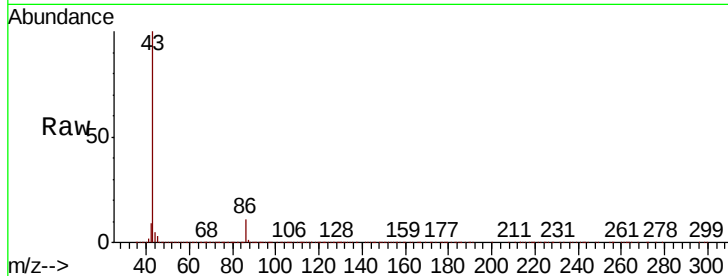
86 11.3 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.224 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

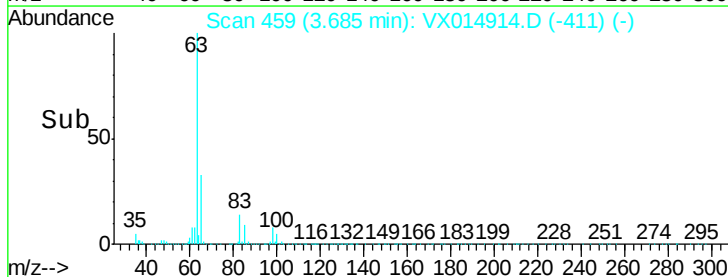
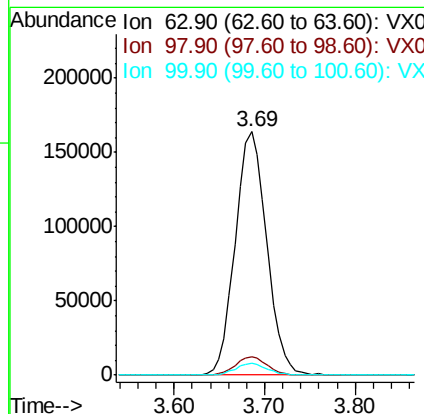
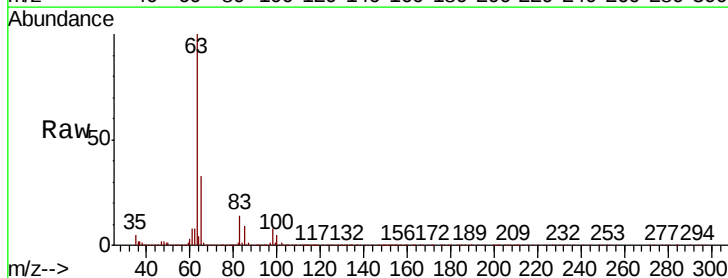
Tgt Ion: 63 Resp: 394799

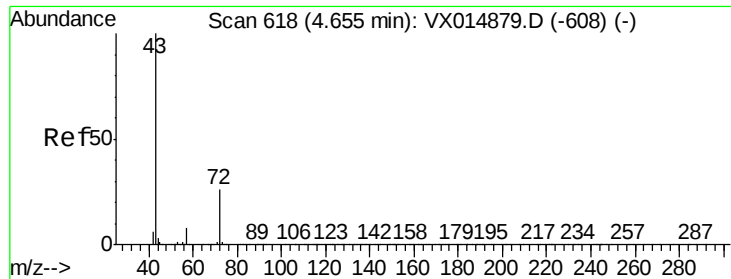
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 208.787 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 749719

Ion Ratio Lower Upper

43 100

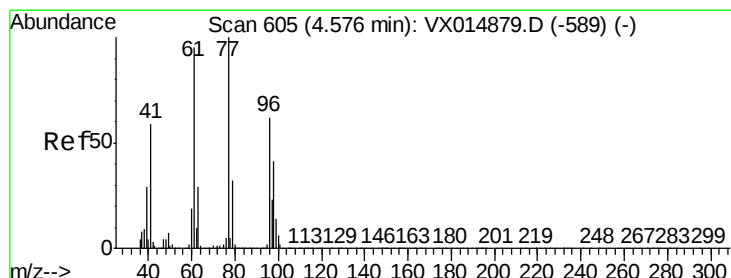
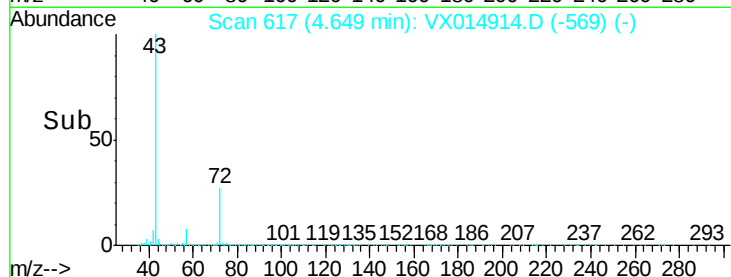
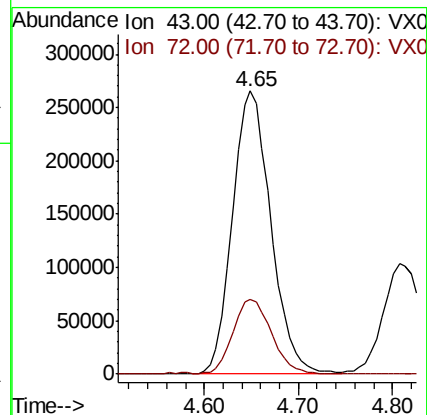
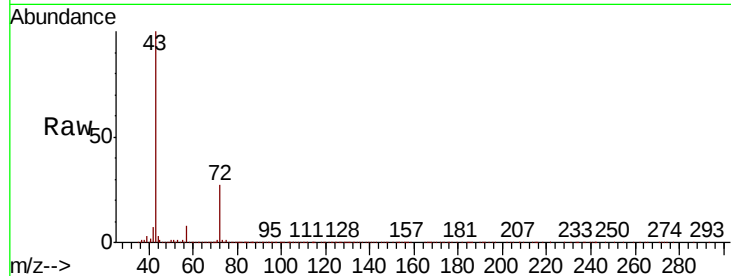
72 26.4 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.249 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014914.D

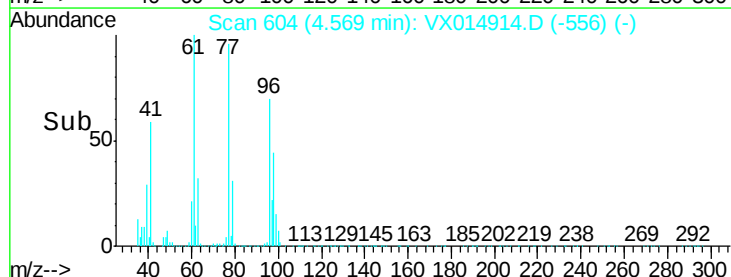
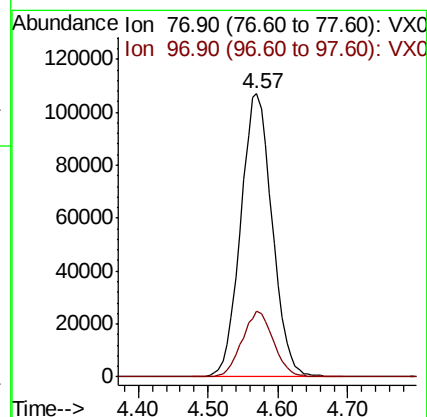
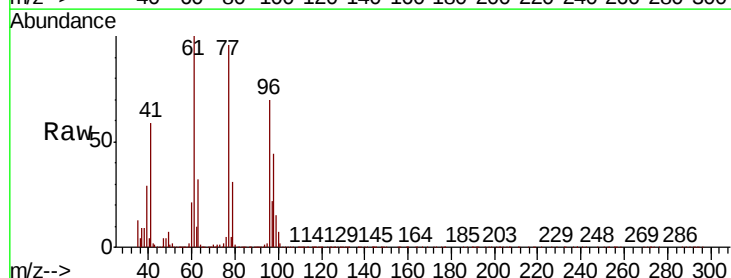
Acq: 11 Feb 2020 16:25

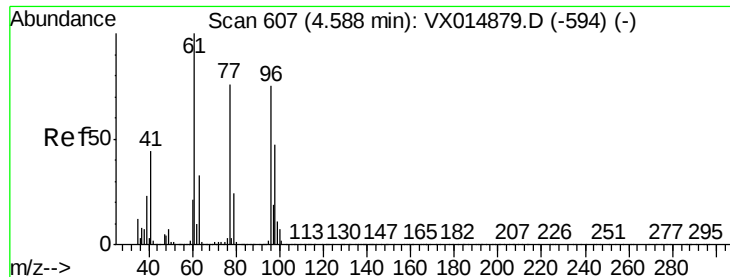
Tgt Ion: 77 Resp: 333353

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.5





#27

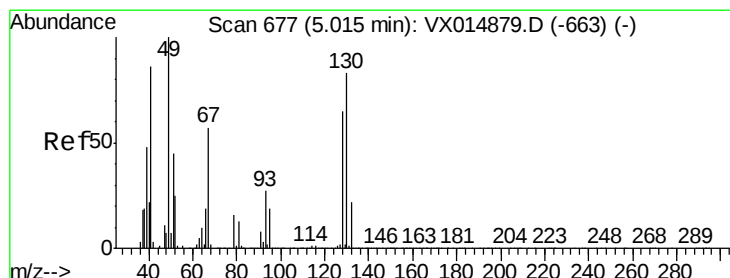
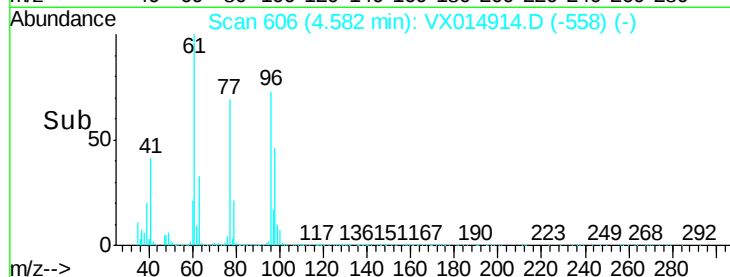
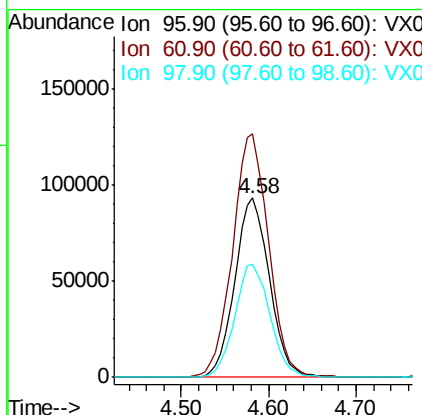
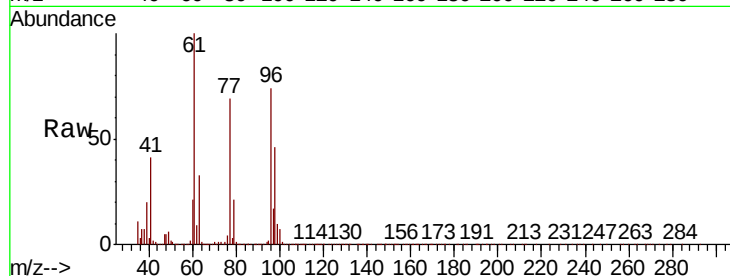
cis-1,2-Dichloroethene
Concen: 48.497 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	256248		
61	140.9	0.0	286.2	
98	64.0	0.0	131.0	

Manual Integrations
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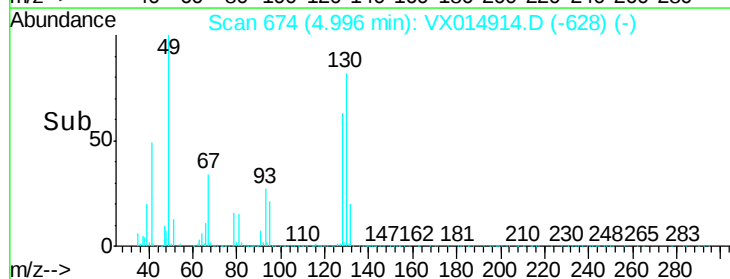
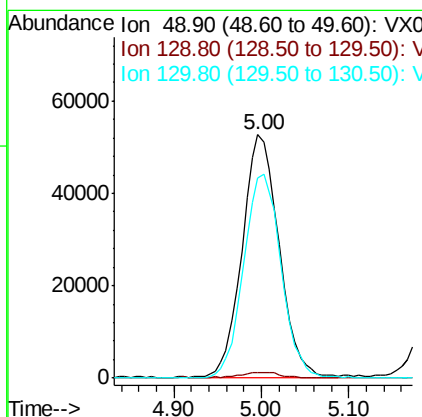
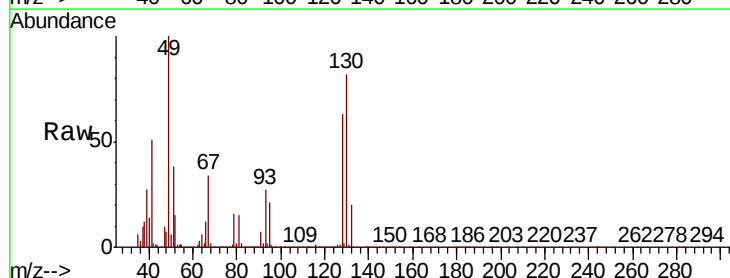
MMDadoda
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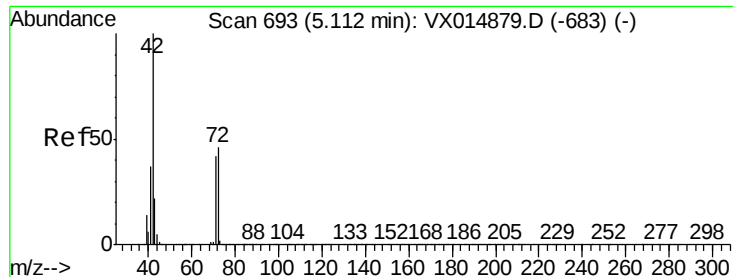


#28

Bromochloromethane
Concen: 48.412 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	153624		
129	2.5	0.0	5.2	
130	85.7	67.4	101.2	





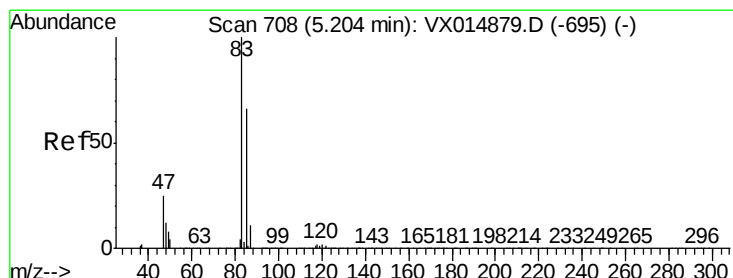
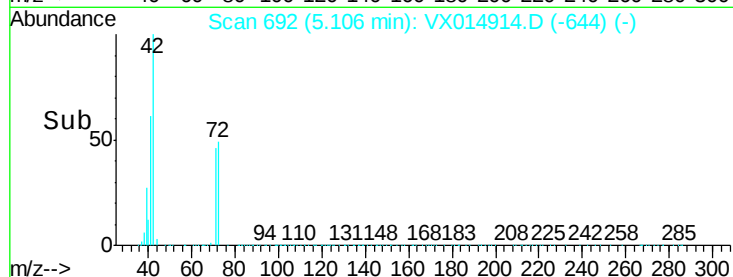
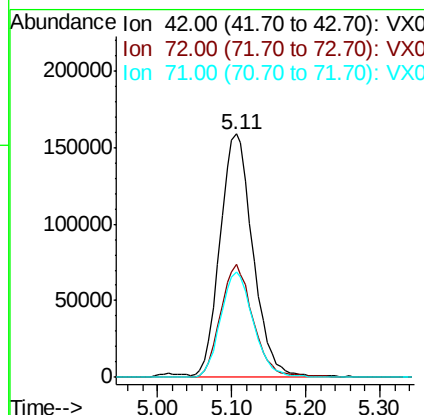
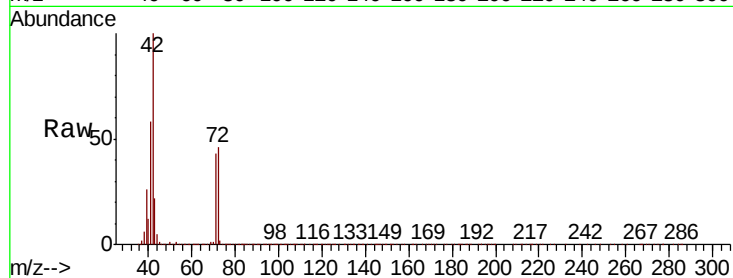
#29
Tetrahydrofuran
Concen: 237.075 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	36.9	55.3
71	43.4	34.1	51.1

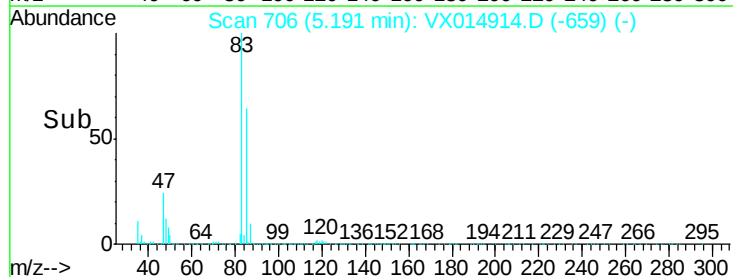
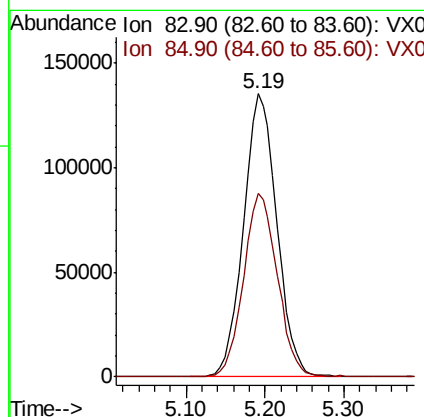
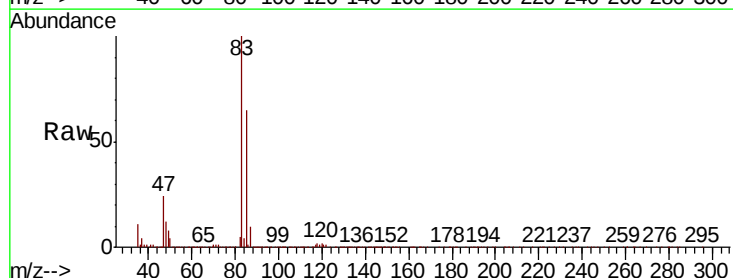
Manual Integrations
APPROVED

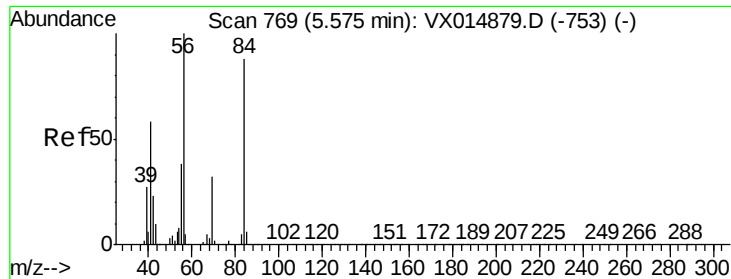
MMDadoda
2/12/2020 3:04:37 PM



#30
Chloroform
Concen: 48.679 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.9	79.3





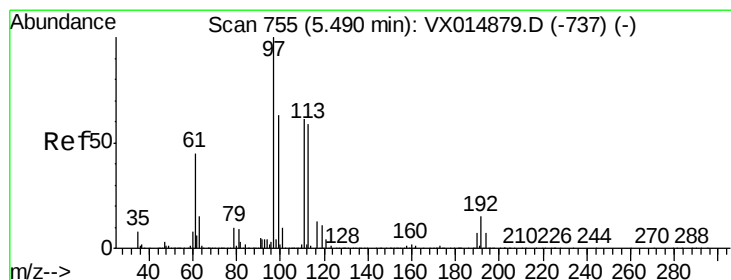
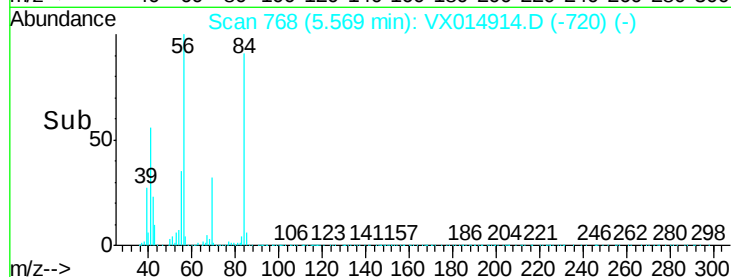
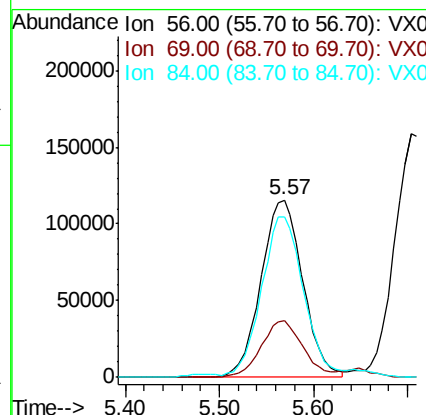
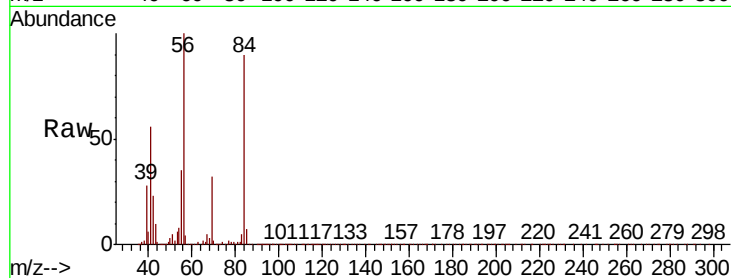
#31
Cyclohexane
Concen: 48.052 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.7	25.9	38.9	
84	89.2	70.4	105.6	

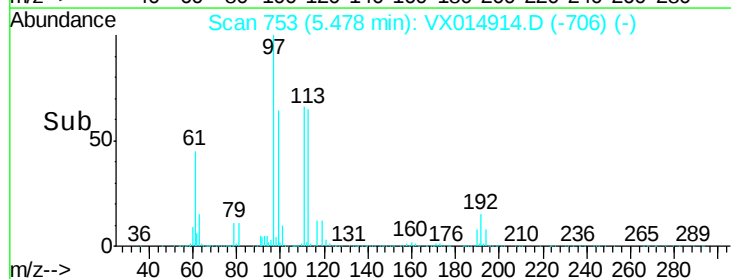
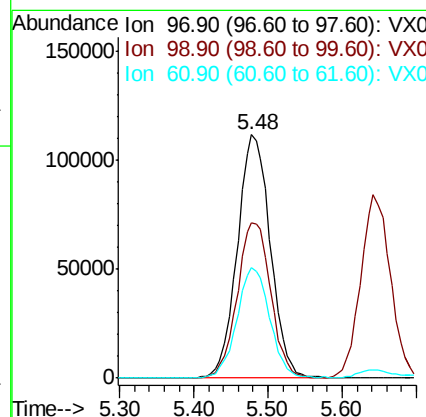
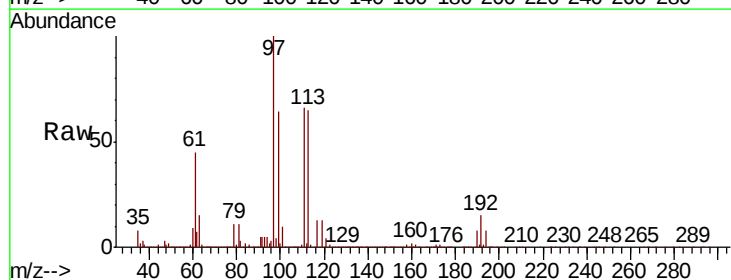
Manual Integrations
APPROVED

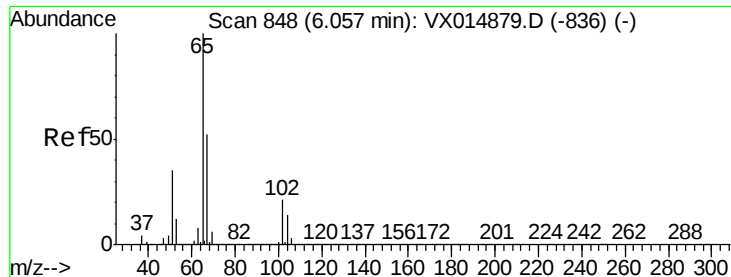
MMDadoda
2/12/2020 3:04:37 PM



#32
1,1,1-Trichloroethane
Concen: 48.596 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.2	51.0	76.6	
61	45.1	36.3	54.5	





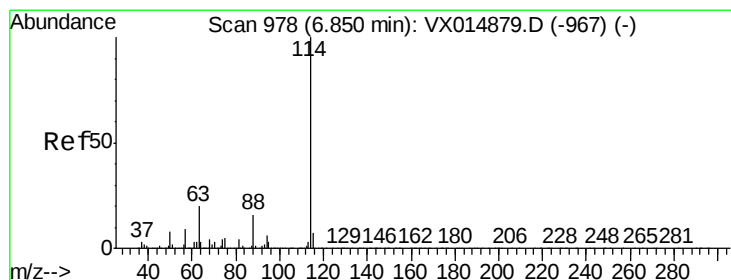
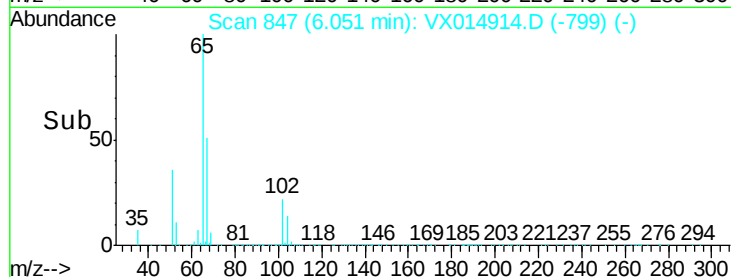
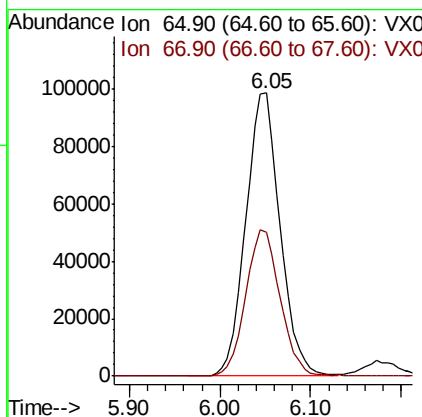
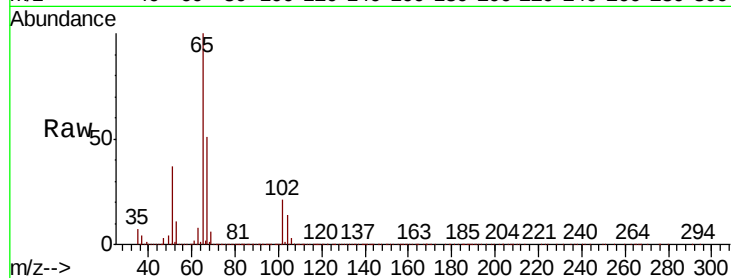
#33
 1,2-Dichloroethane-d4
 Concen: 49.004 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	258467		
67	51.4	0.0	103.0	

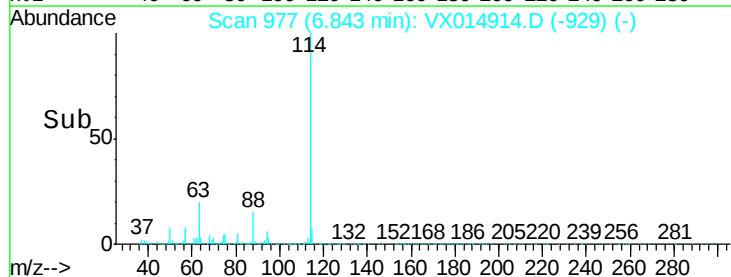
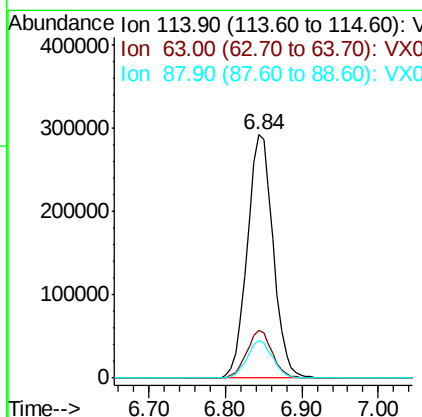
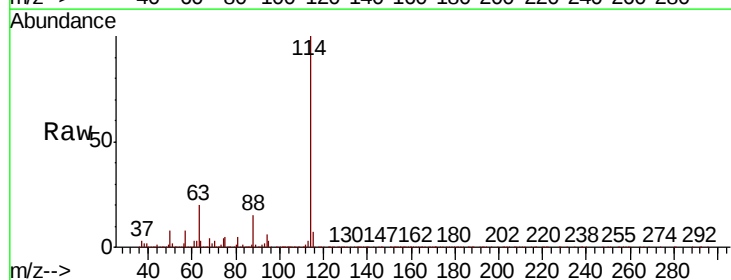
Manual Integrations
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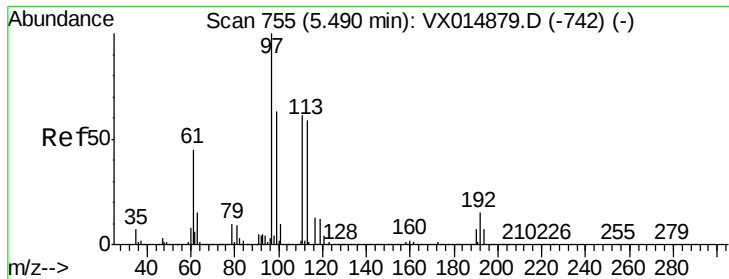
MMDadoda
 2/12/2020 3:04:37 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	685642		
63	19.7	0.0	39.2	
88	15.2	0.0	32.0	





#35

Dibromofluoromethane

Concen: 50.826 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

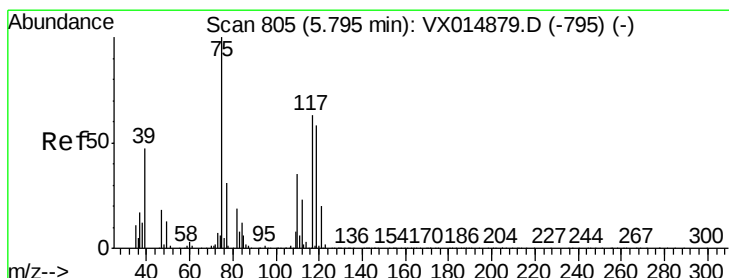
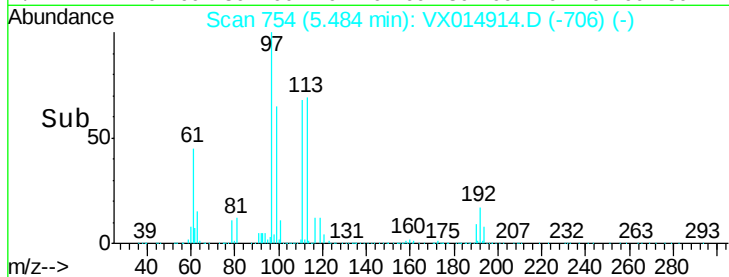
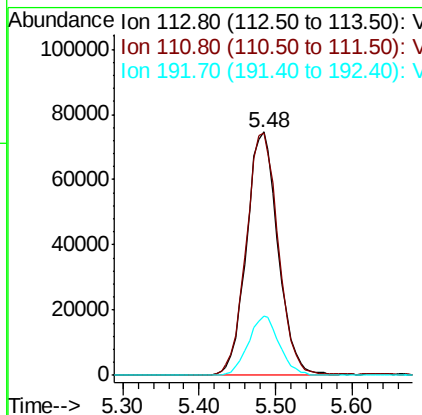
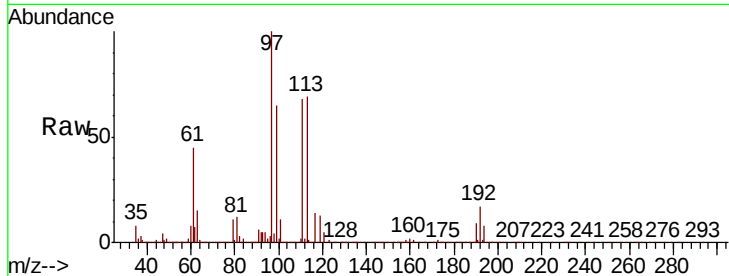
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	214240
Ion Ratio	Lower	Upper	
113	100		
111	101.3	82.4	123.6
192	24.1	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.152 ug/l

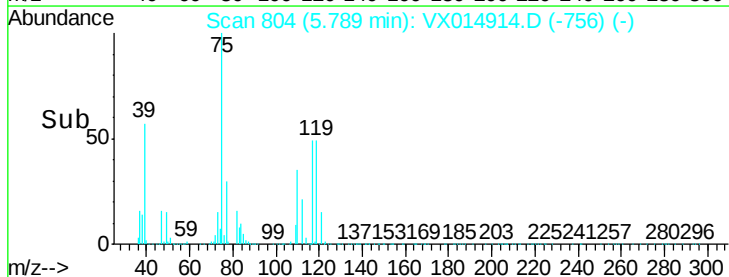
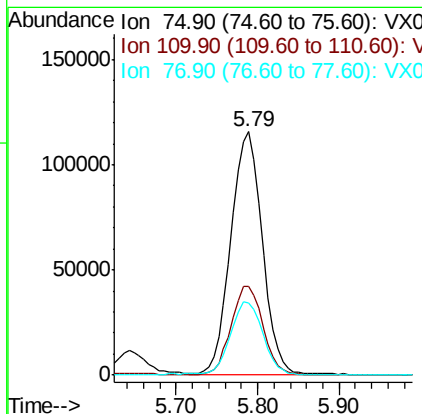
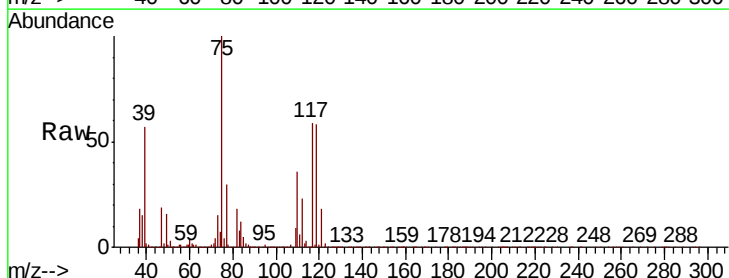
RT: 5.79 min Scan# 804

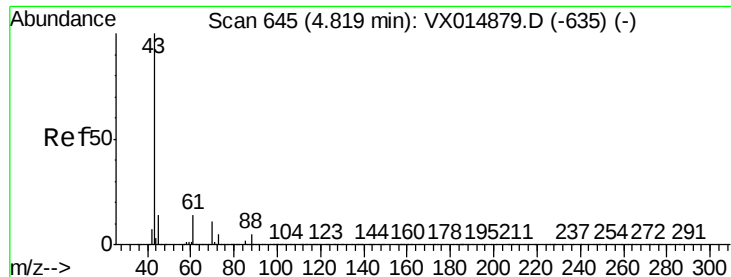
Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Tgt Ion:	75	Resp:	307596
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.3	54.8
77	31.0	24.6	36.8





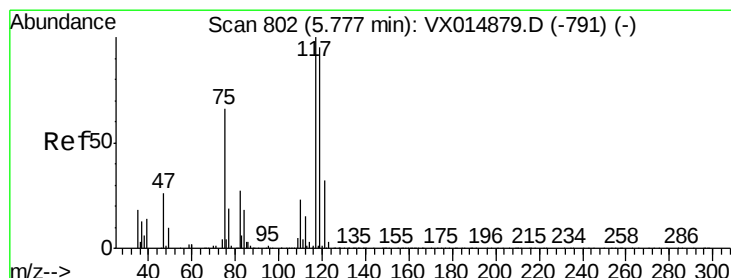
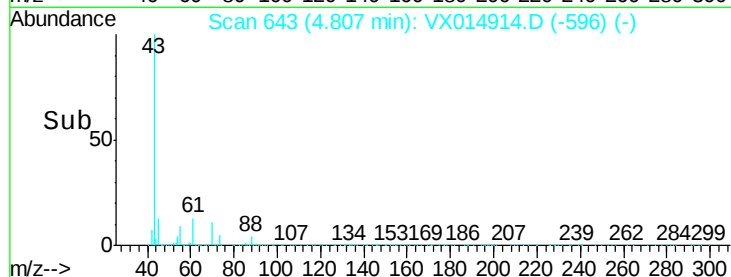
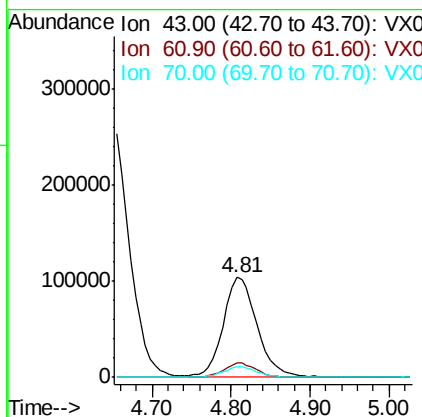
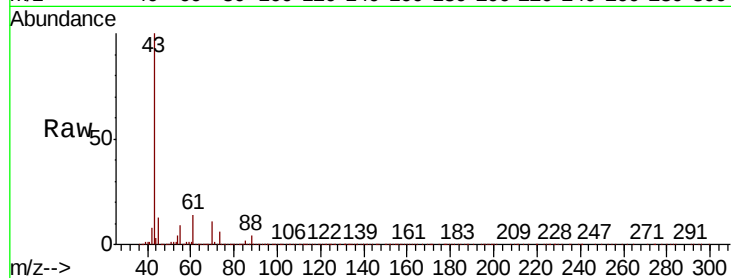
#37
Ethyl Acetate
Concen: 47.698 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	305120
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.9	16.3
70	10.8	8.7	13.1

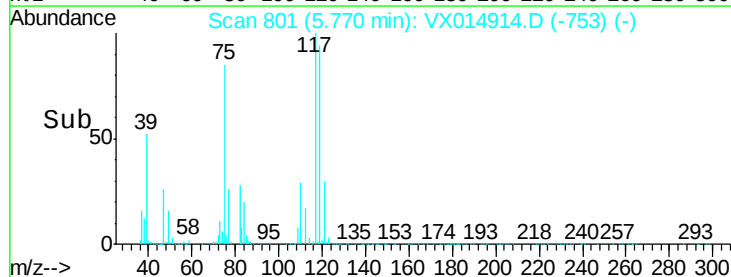
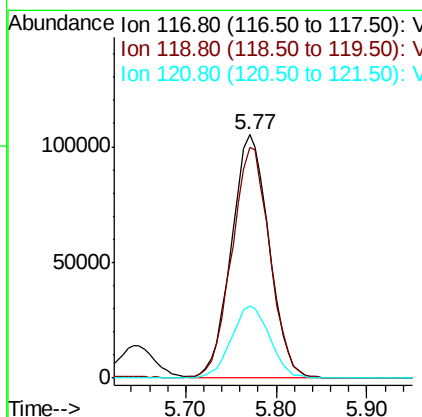
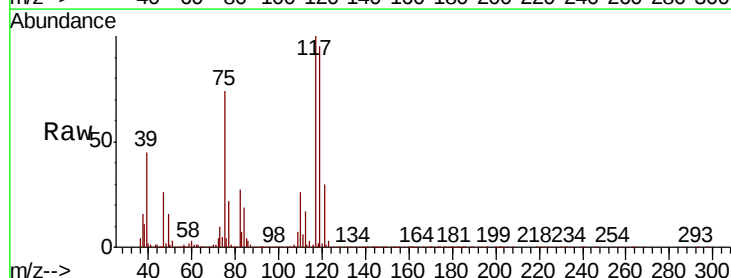
Manual Integrations
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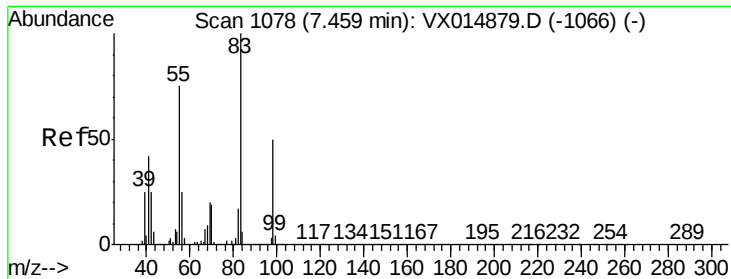
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2/12/2020 3:04:37 PM



#38
Carbon Tetrachloride
Concen: 50.517 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	117	Resp	301944
Ion Ratio	Lower	Upper	
117	100		
119	94.5	76.0	114.0
121	29.6	25.4	38.2





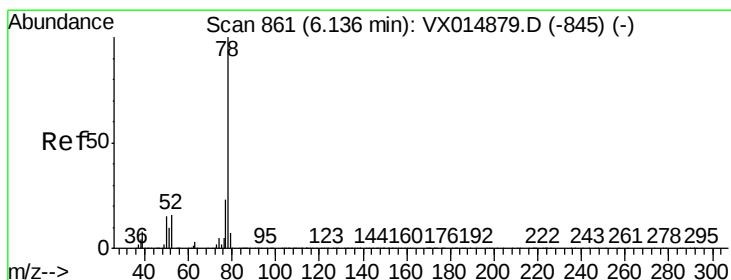
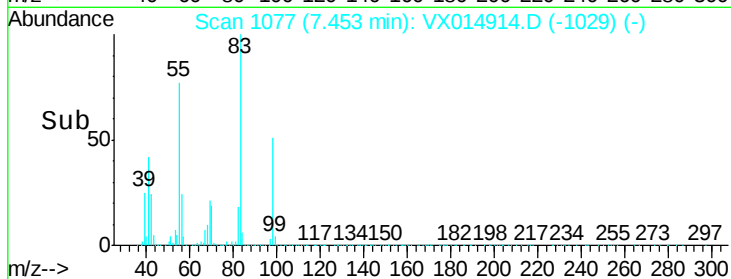
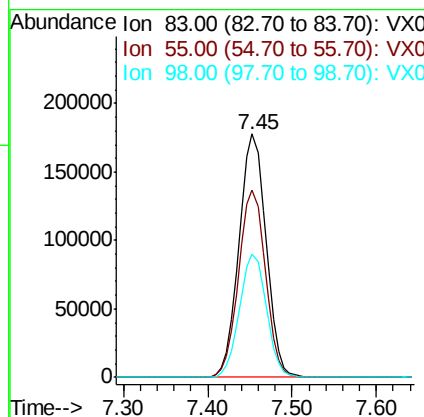
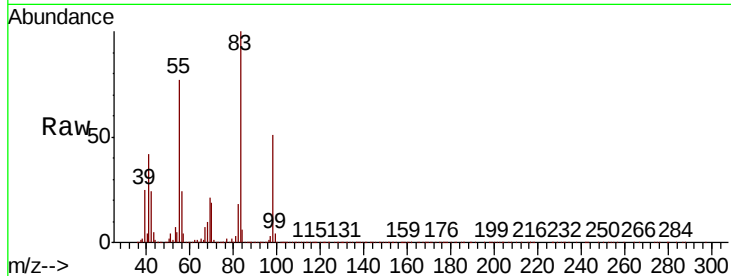
#39
Methvlcvclohexane
Concen: 50.040 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.6	60.0	90.0	
98	50.8	39.6	59.4	

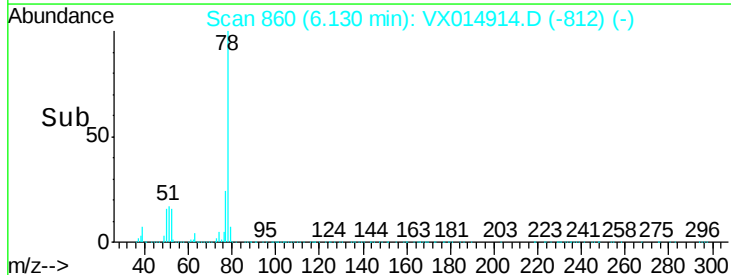
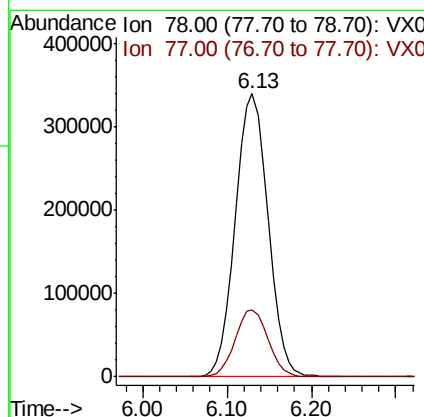
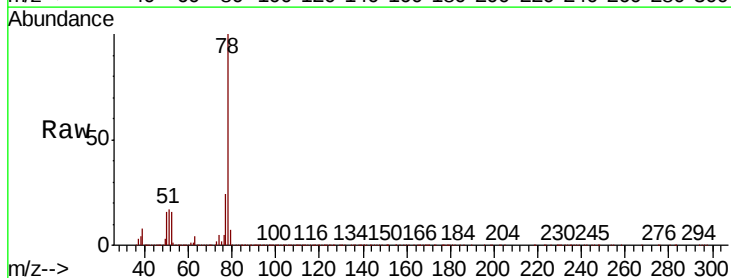
Manual Integrations
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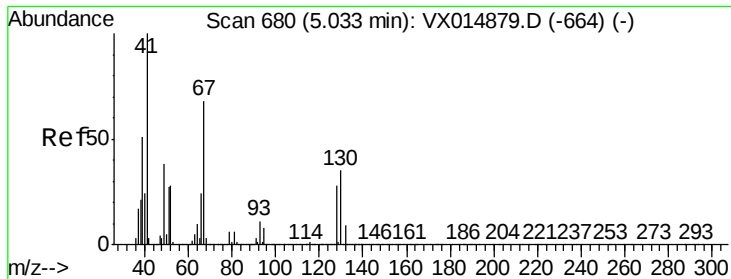
MMDadoda
2/12/2020 3:04:37 PM



#40
Benzene
Concen: 48.898 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.8	18.8	28.2	





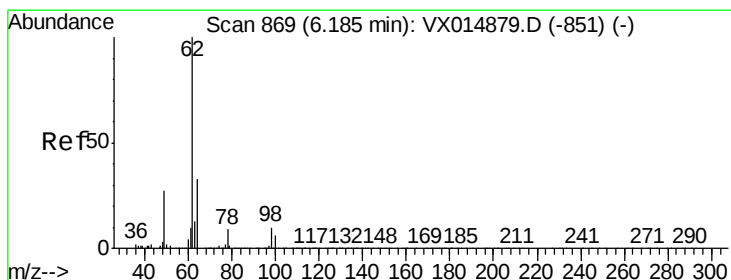
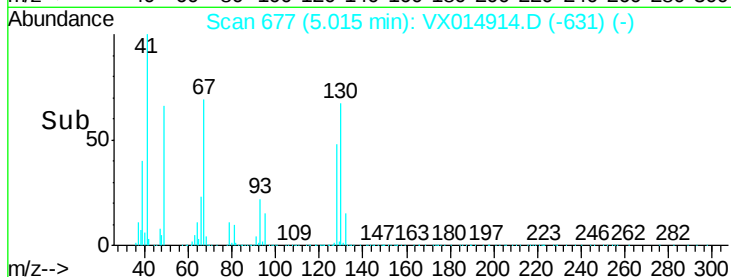
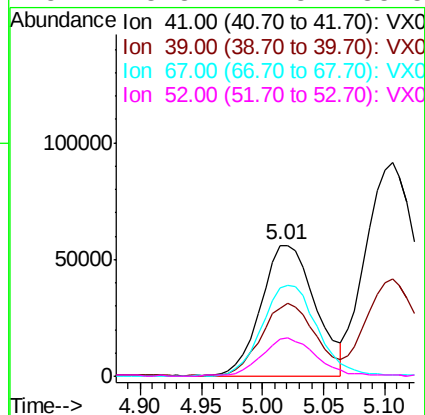
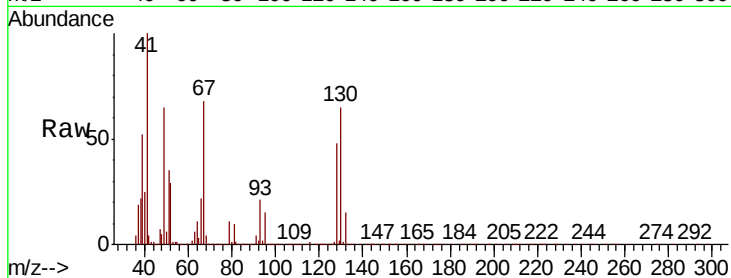
#41
Methacrylonitrile
Concen: 50.610 ug/l
RT: 5.01 min Scan# 677
Delta R.T. -0.02 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	44.7	67.1	
67	70.4	56.6	84.8	
52	28.3	22.3	33.5	

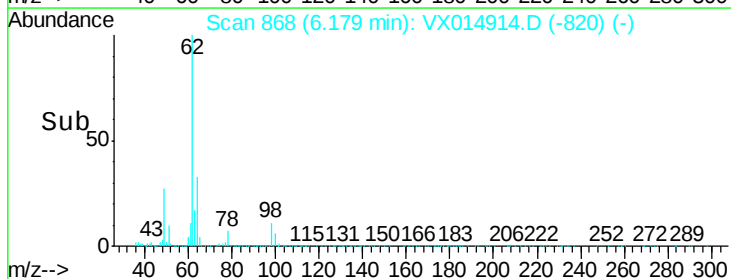
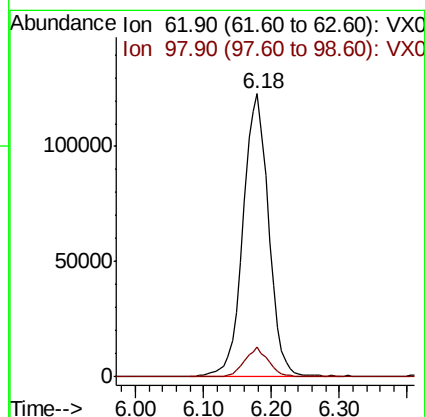
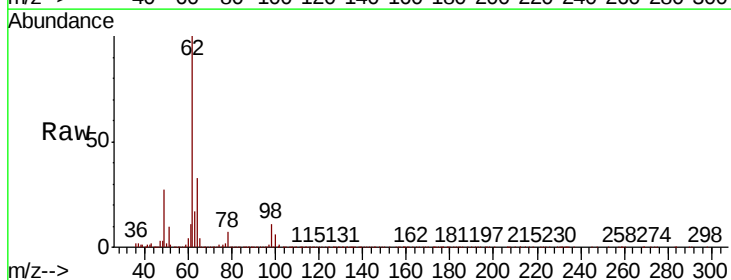
Manual Integrations
APPROVED

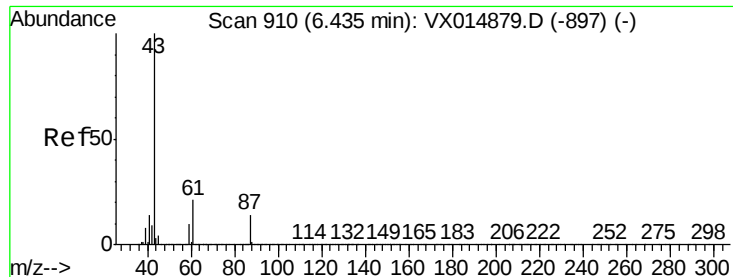
MMDadoda
2/12/2020 3:04:37 PM



#42
1,2-Dichloroethane
Concen: 48.222 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	19.2	





#43

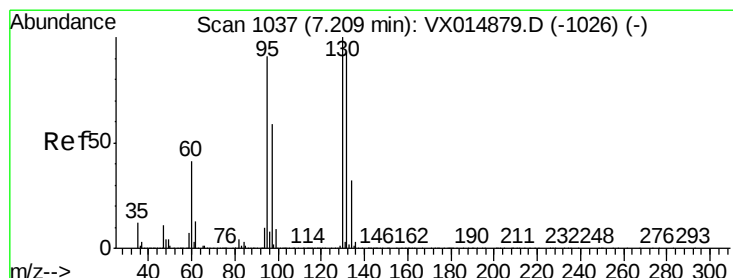
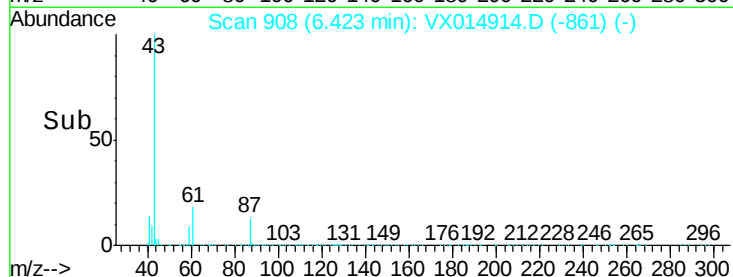
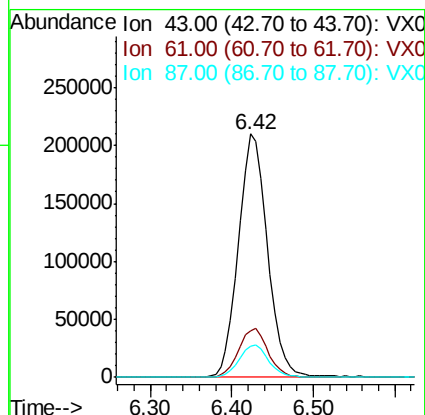
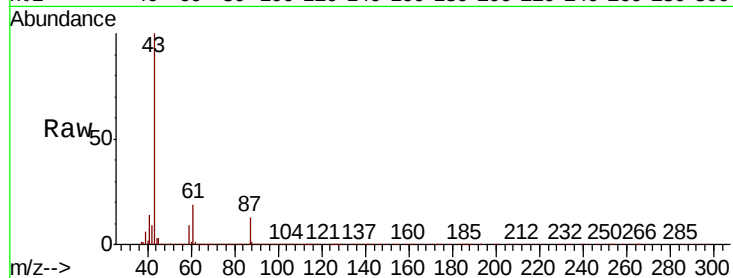
Isopropyl Acetate
 Concen: 48.866 ug/l
 RT: 6.42 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	43	Resp:	515657
Ion Ratio		Lower	Upper
43	100		
61	20.1	16.2	24.4
87	13.5	11.0	16.6

Manual Integrations
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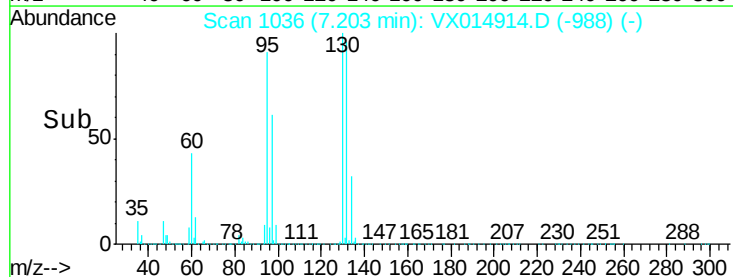
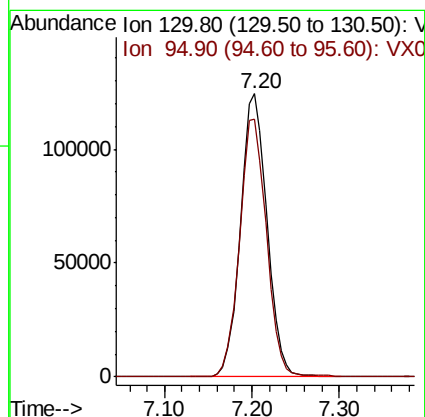
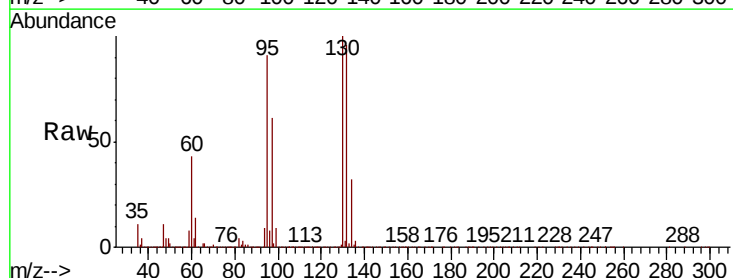
MMDadoda
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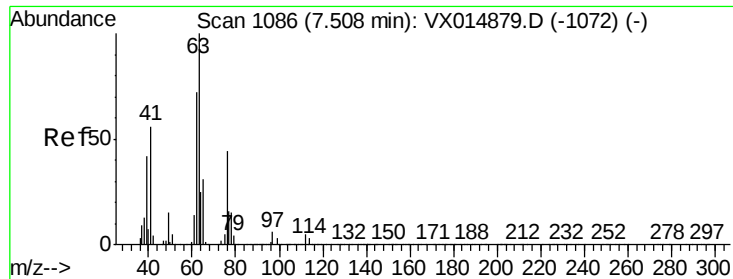


#44

Trichloroethene
 Concen: 49.328 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion:	130	Resp:	262414
Ion Ratio		Lower	Upper
130	100		
95	91.1	0.0	182.6





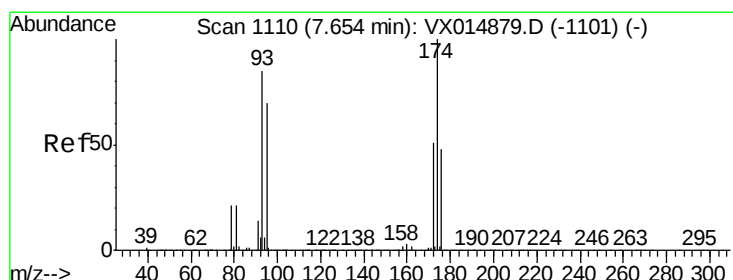
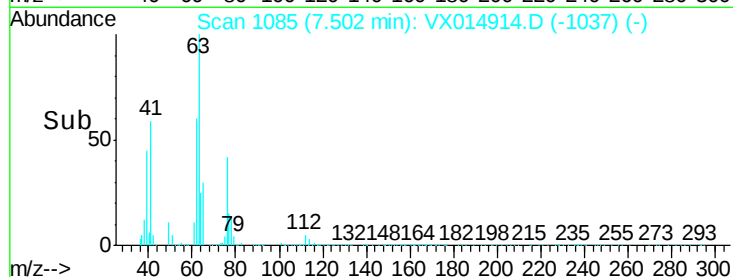
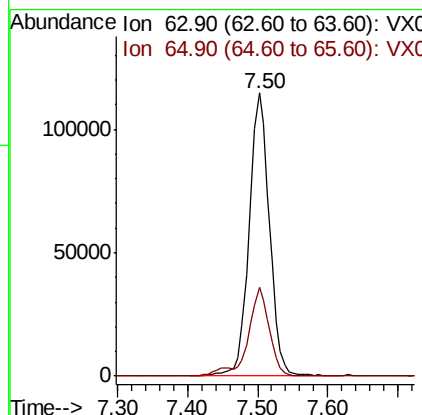
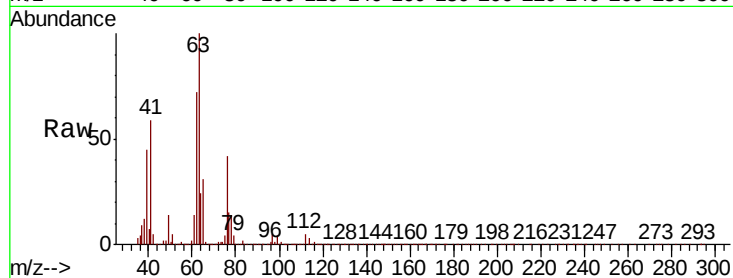
#45
 1,2-Dichloropropane
 Concen: 49.334 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.9	37.3

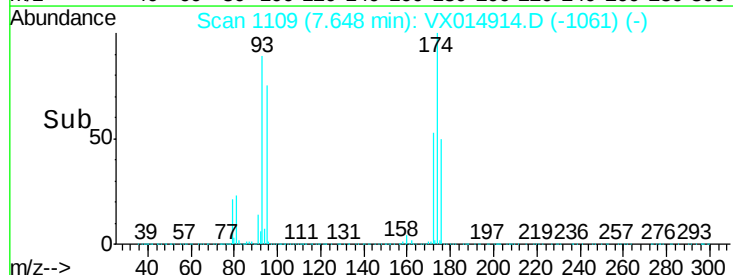
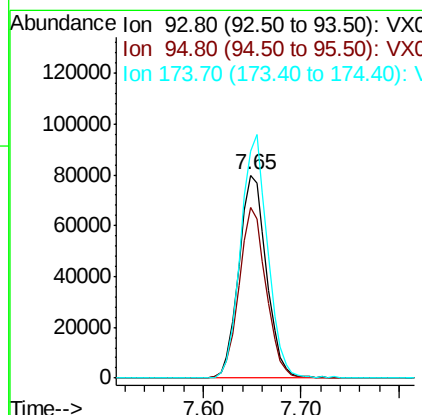
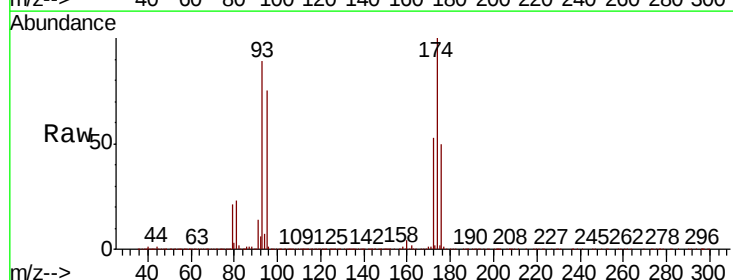
Manual Integrations
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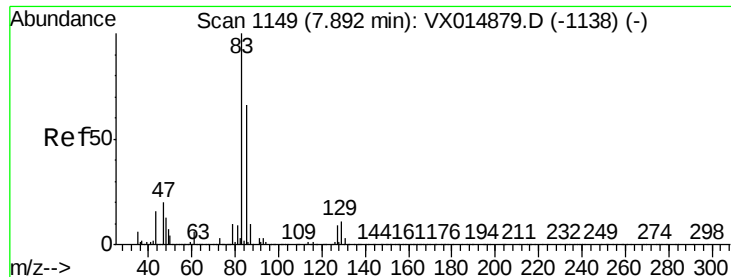
MMDadoda
 2/12/2020 3:04:37 PM



#46
 Dibromomethane
 Concen: 48.997 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.8	98.8
174	117.1	95.4	143.2





#47

Bromodichloromethane

Concen: 49.450 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

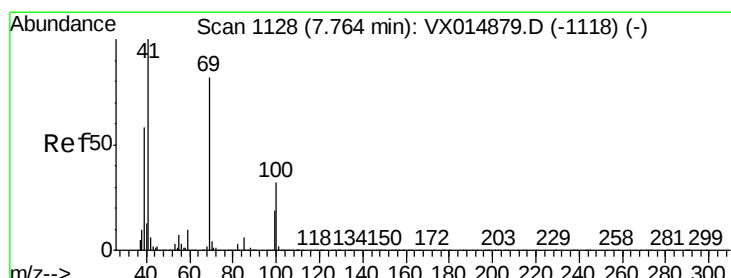
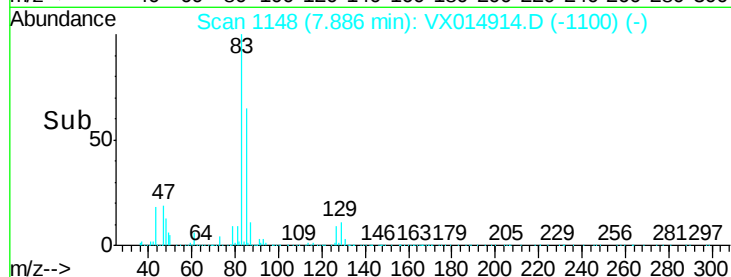
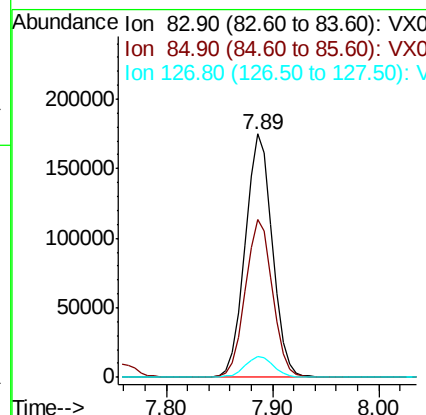
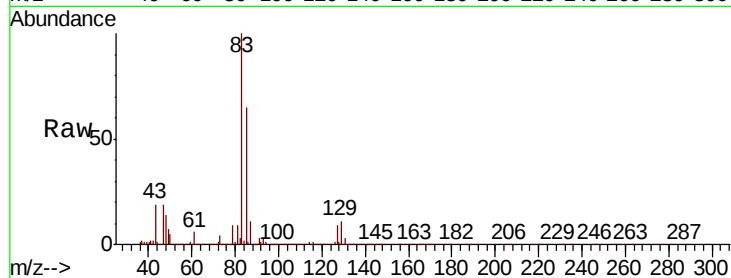
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	313223
Ion Ratio	Lower	Upper	
83	100		
85	64.5	52.5	78.7
127	8.6	7.4	11.0

Manual Integrations
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2/12/2020 3:04:37 PM



#48

Methyl methacrylate

Concen: 49.147 ug/l

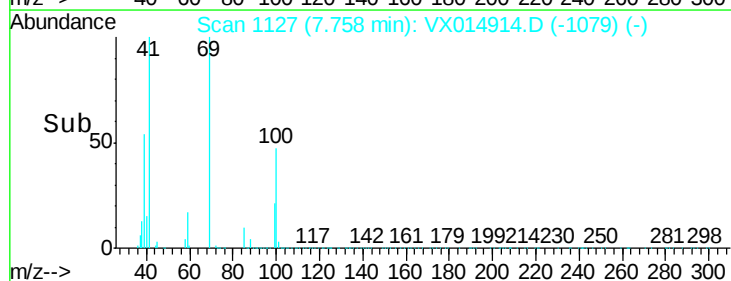
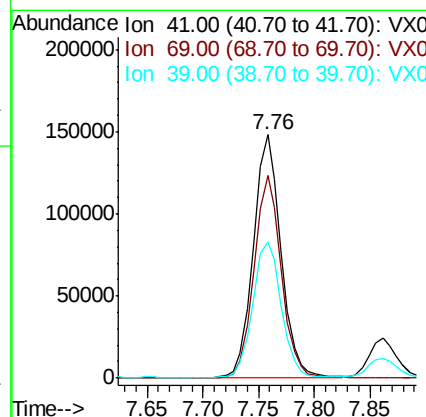
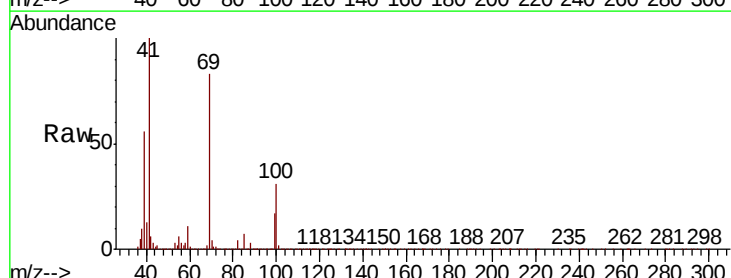
RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Tgt Ion:	41	Resp:	255230
Ion Ratio	Lower	Upper	
41	100		
69	82.8	65.7	98.5
39	58.0	45.8	68.8





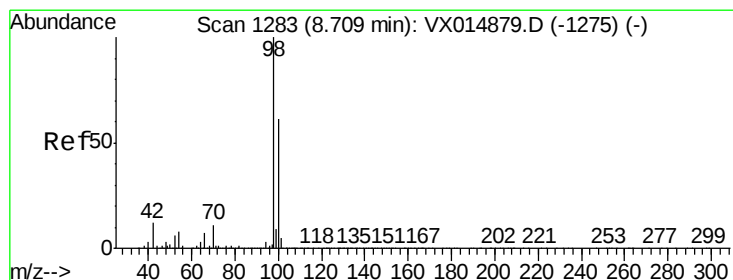
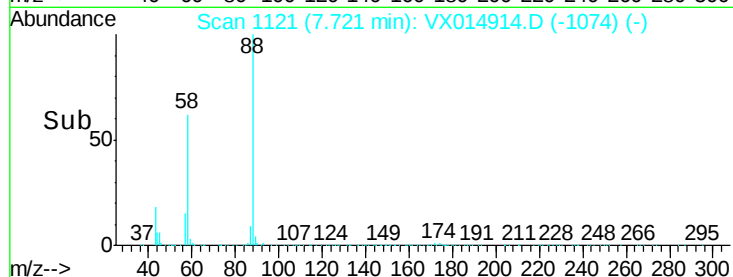
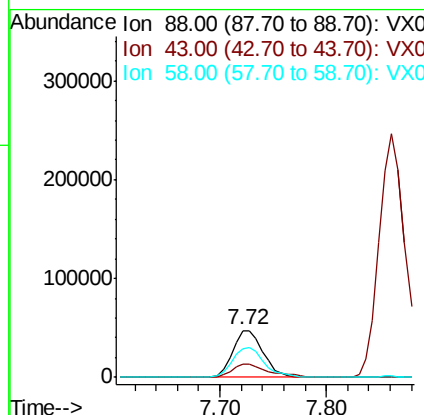
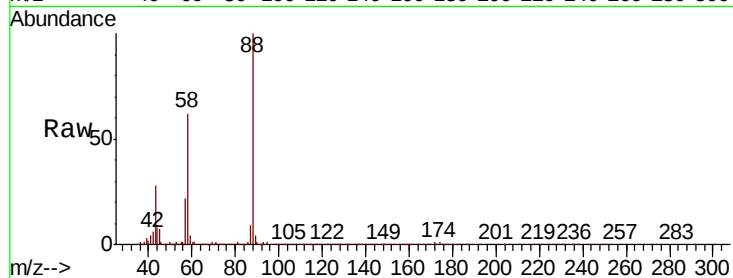
#49
1,4-Dioxane
Concen: 961.466 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	27.0	40.4
58	67.7	53.2	79.8

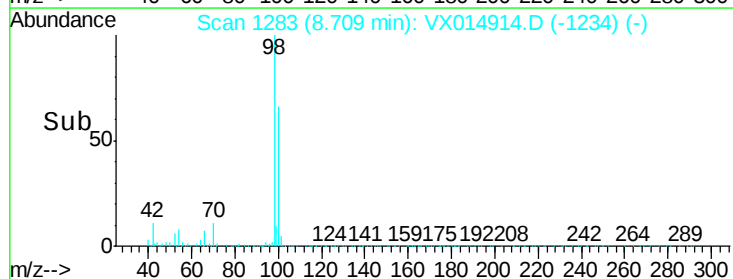
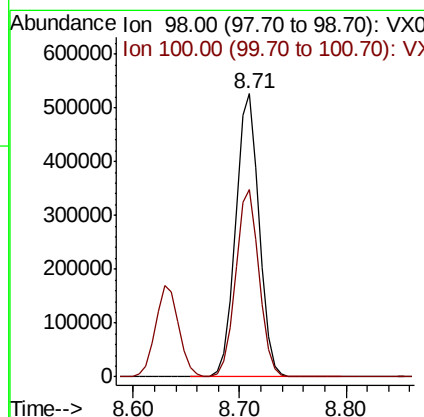
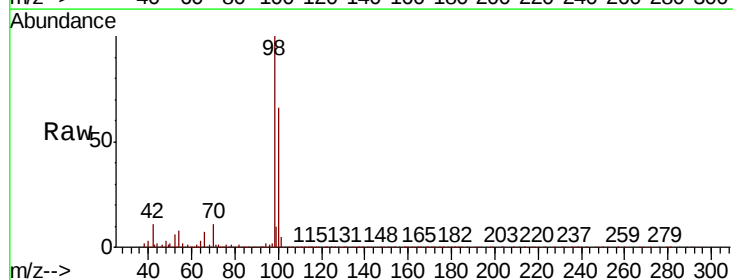
Manual Integrations
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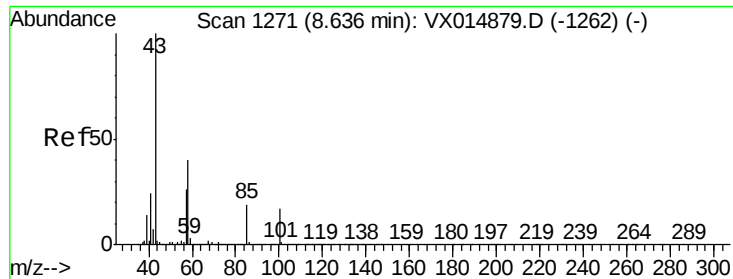
MMDadoda
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#50
Toluene-d8
Concen: 50.417 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6





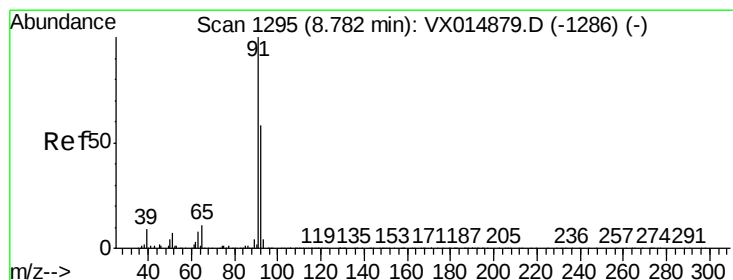
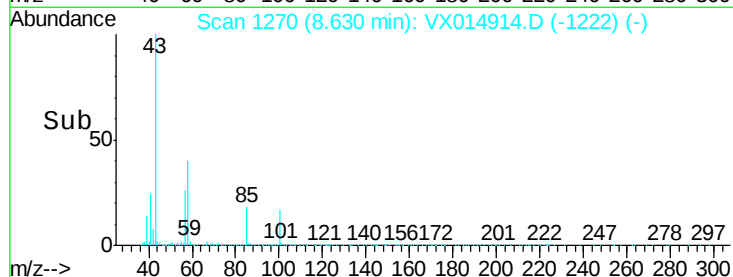
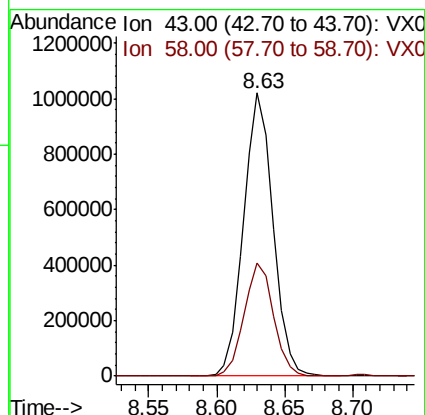
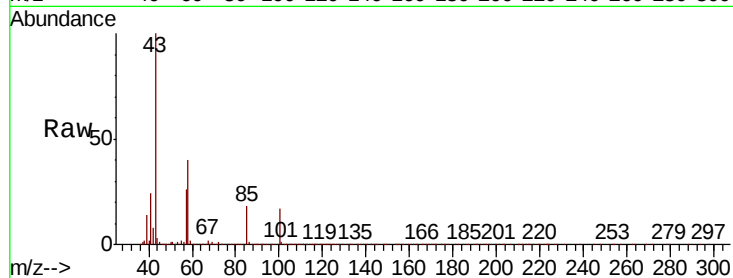
#51
4-Methyl-2-Pentanone
Concen: 242.633 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1546021
Ion Ratio Lower Upper
43 100
58 39.9 31.9 47.9

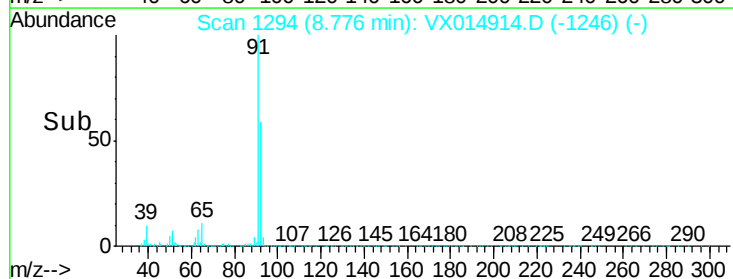
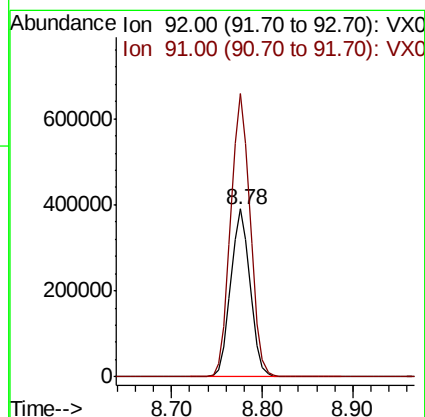
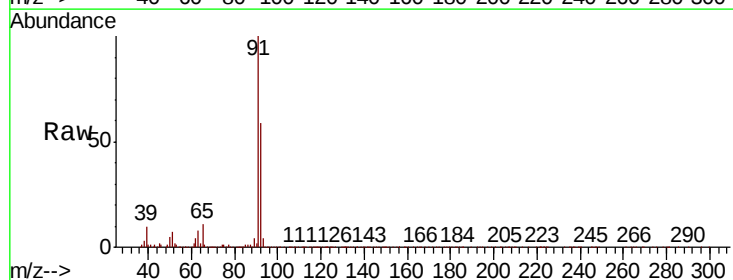
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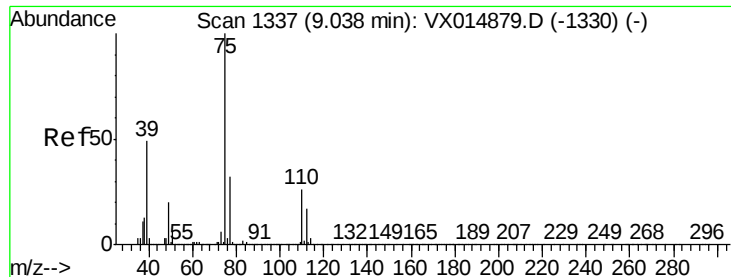
MMDadoda
2/12/2020 3:04:37 PM



#52
Toluene
Concen: 49.747 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion: 92 Resp: 579004
Ion Ratio Lower Upper
92 100
91 170.1 137.0 205.4





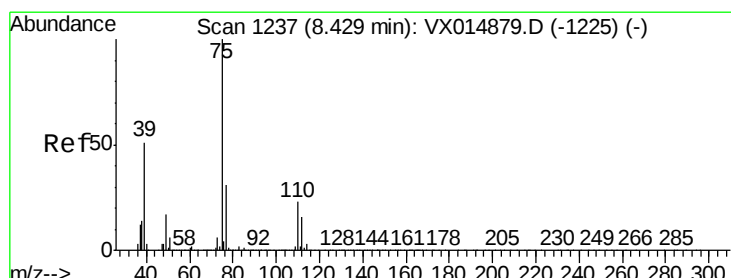
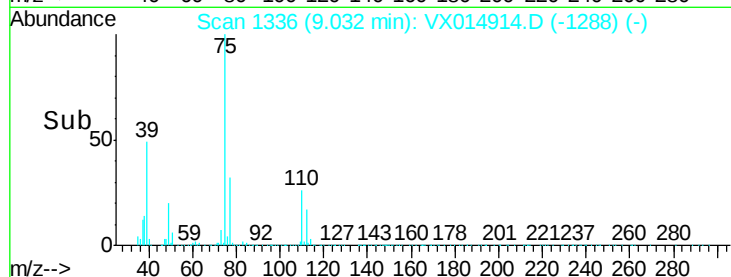
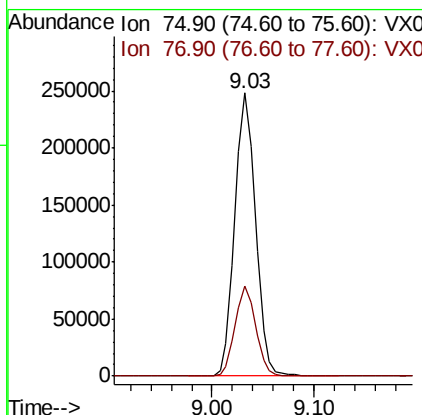
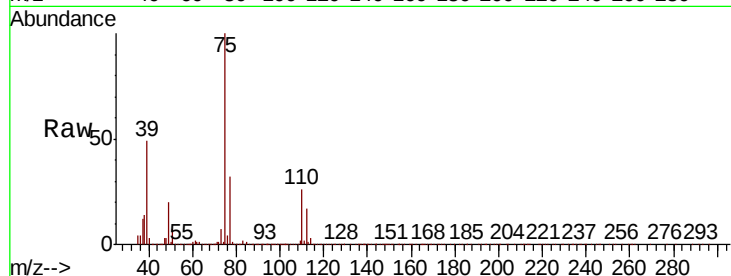
#53
t-1,3-Dichloropropene
Concen: 50.073 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3

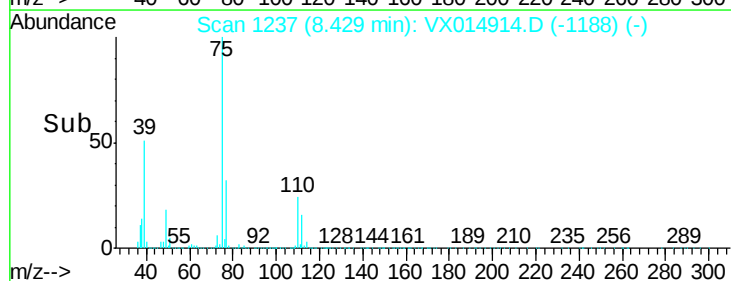
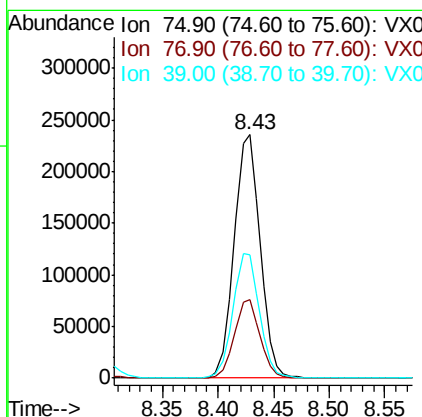
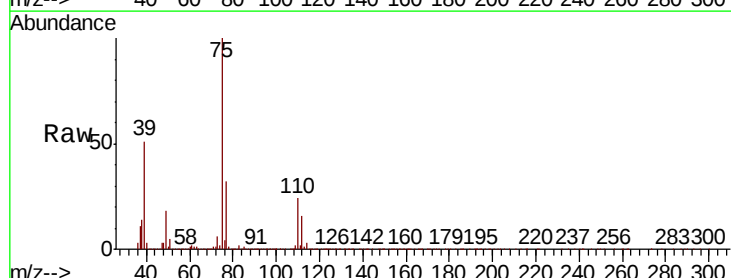
Manual Integrations
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2/12/2020 3:04:37 PM



#54
cis-1,3-Dichloropropene
Concen: 49.489 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.6	37.0
39	50.6	40.9	61.3





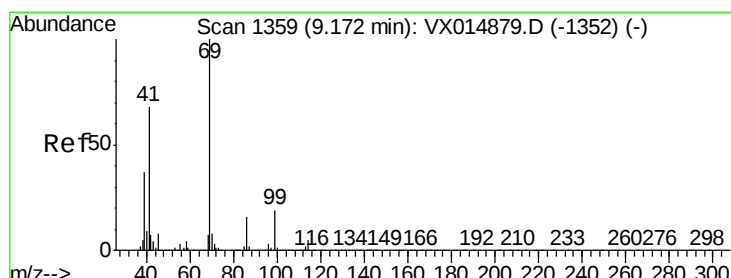
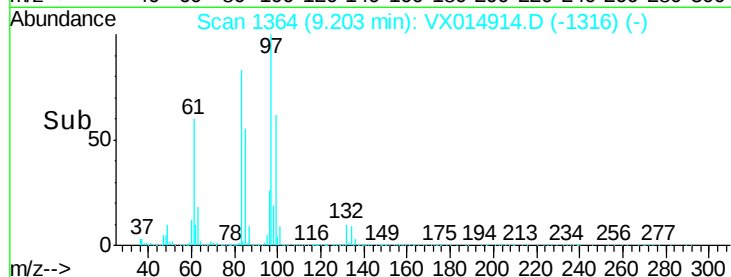
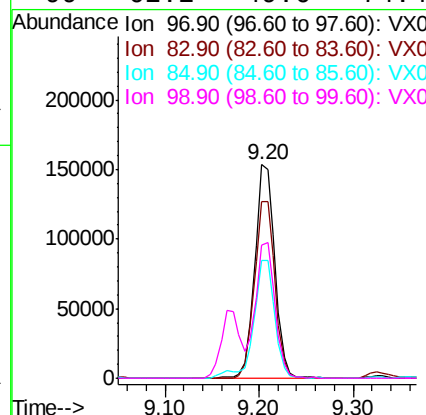
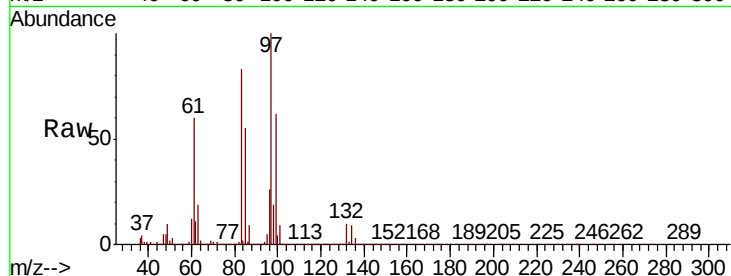
#55
 1,1,2-Trichloroethane
 Concen: 48.714 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		229391		
83	82.8	66.6	99.8		
85	55.1	43.5	65.3		
99	62.2	49.6	74.4		

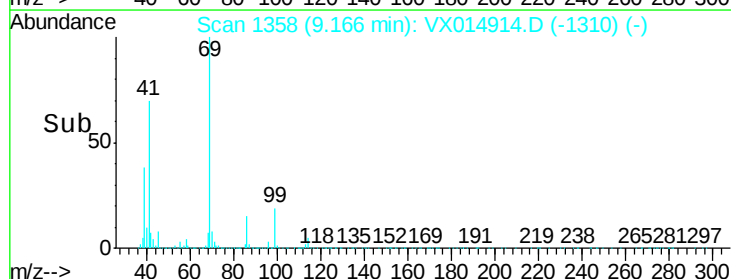
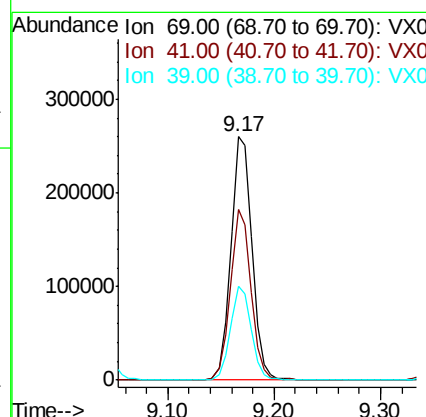
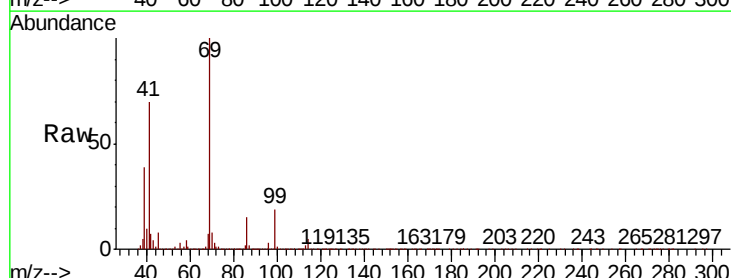
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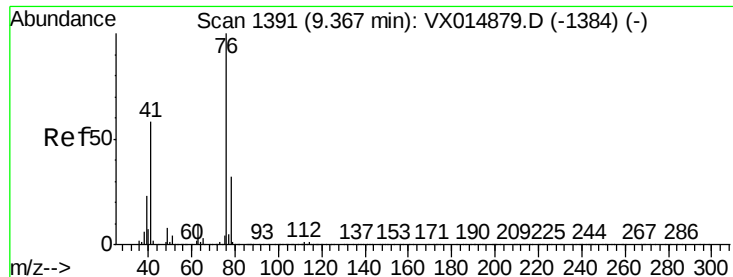
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#56
 Ethyl methacrylate
 Concen: 51.121 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		361832		
41	68.0	54.8	82.2		
39	37.8	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 48.702 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 386045

Ion Ratio Lower Upper

76 100

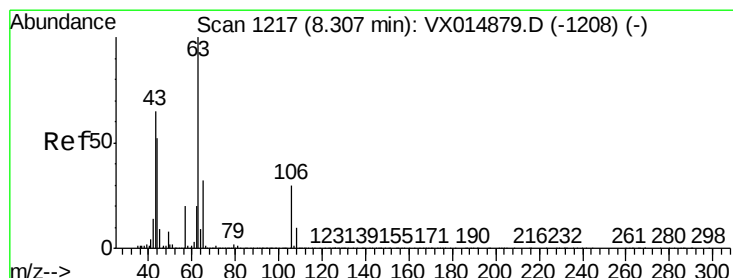
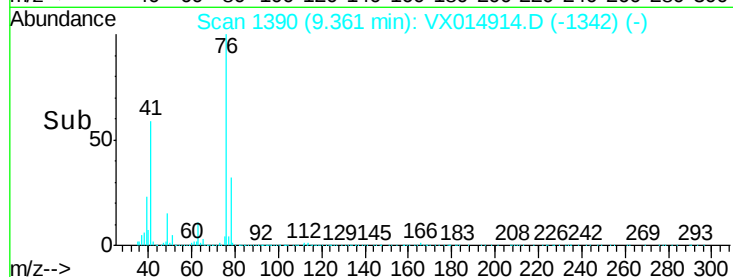
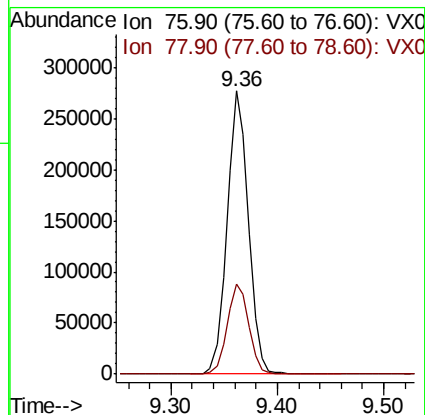
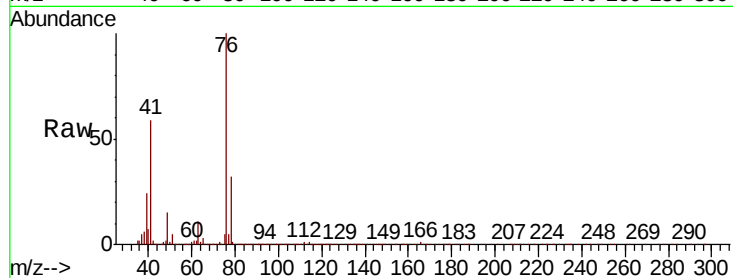
78 32.3 25.8 38.8

Manual Integrations

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MMDadoda

2/12/2020 3:04:37 PM



#58

2-Chloroethyl Vinyl ether

Concen: 242.498 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014914.D

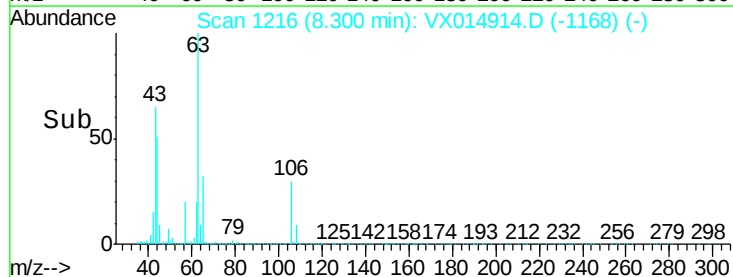
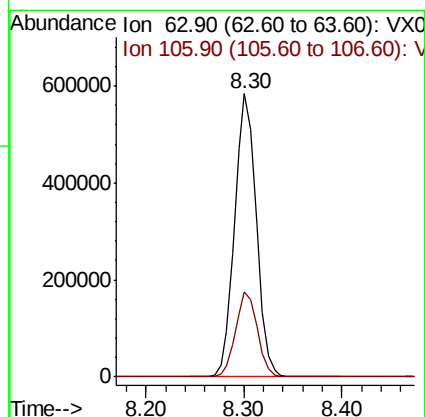
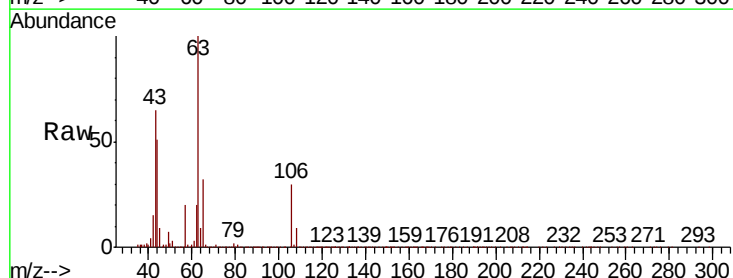
Acq: 11 Feb 2020 16:25

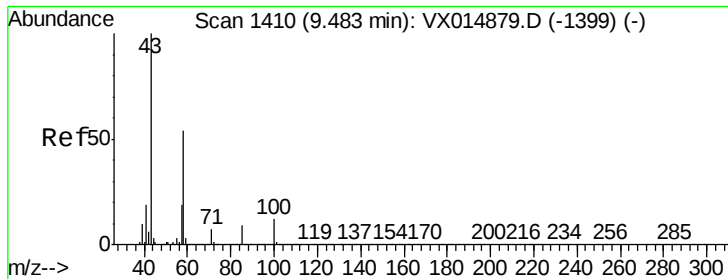
Tgt Ion: 63 Resp: 897639

Ion Ratio Lower Upper

63 100

106 30.1 23.8 35.8





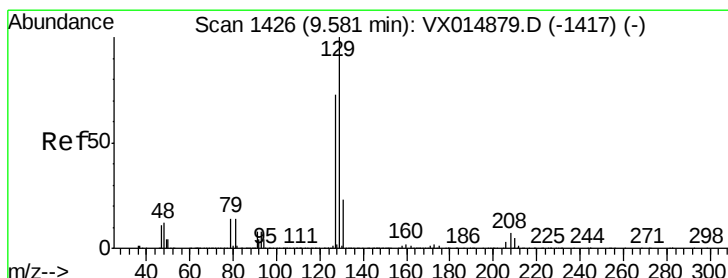
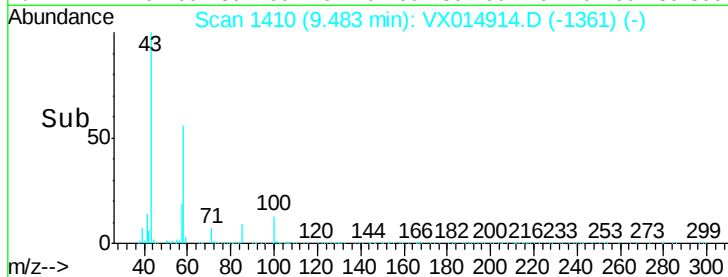
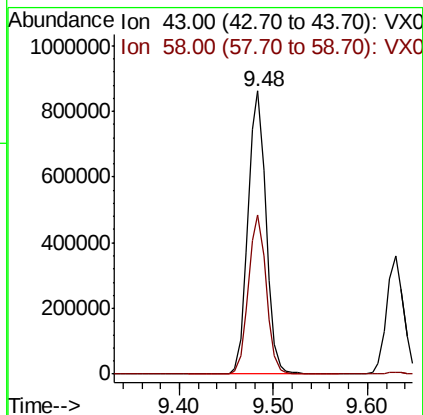
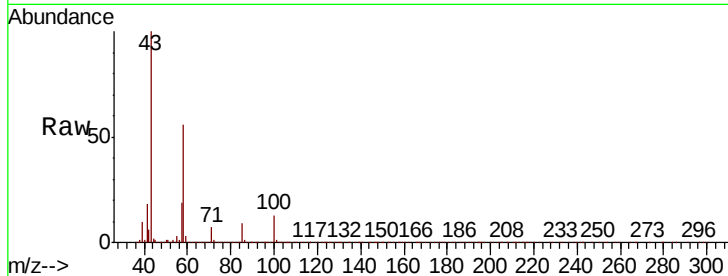
#59
2-Hexanone
Concen: 230.990 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1156882
Ion Ratio Lower Upper
43 100
58 55.5 27.5 82.5

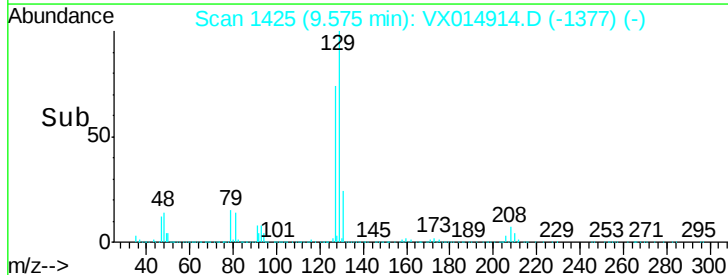
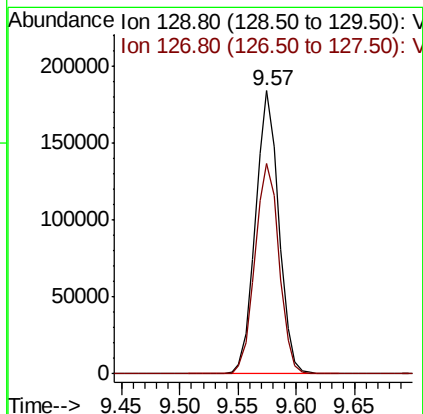
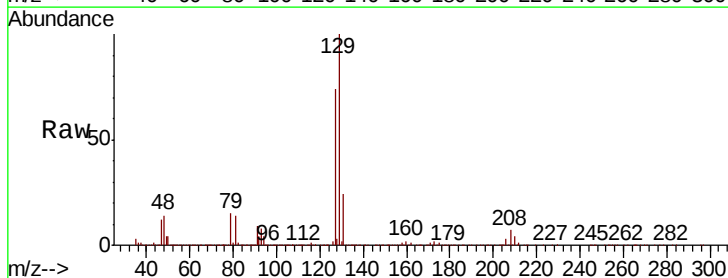
Manual Integrations
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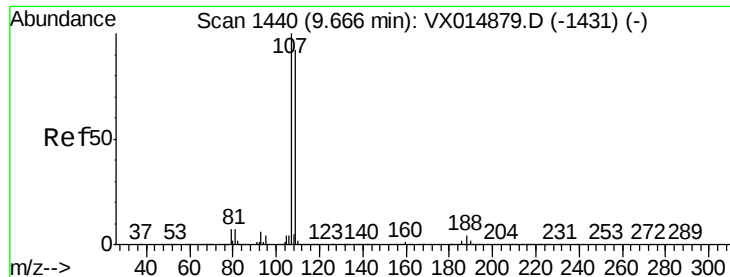
MMDadoda
2/12/2020 3:04:37 PM



#60
Dibromochloromethane
Concen: 50.787 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion: 129 Resp: 257365
Ion Ratio Lower Upper
129 100
127 77.2 37.8 113.3





#61

1,2-Dibromoethane

Concen: 48.124 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 244509

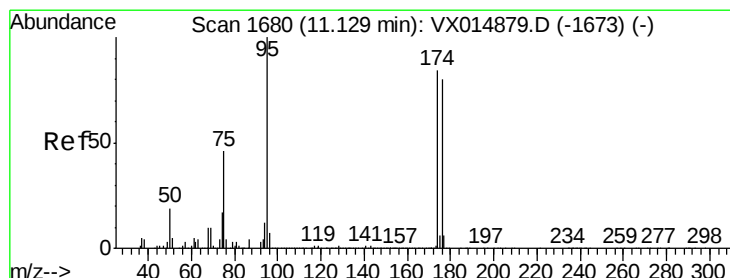
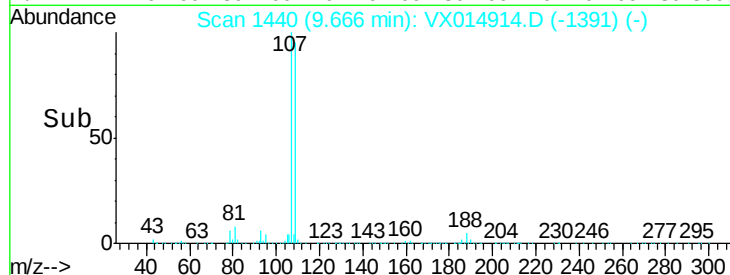
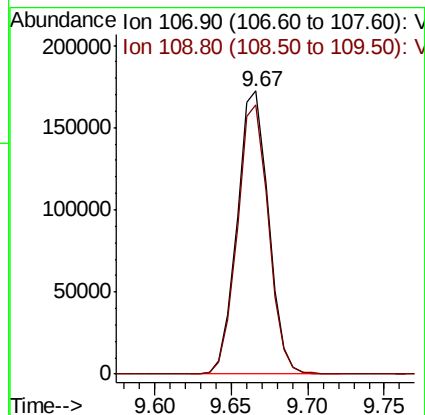
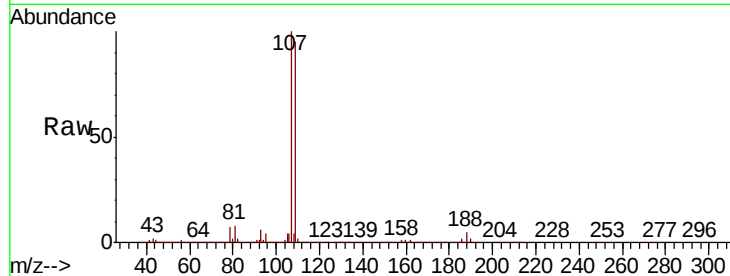
Ion Ratio Lower Upper

107 100

109 94.8 75.6 113.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 51.634 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

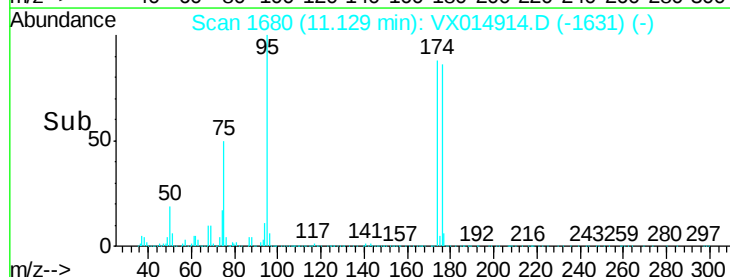
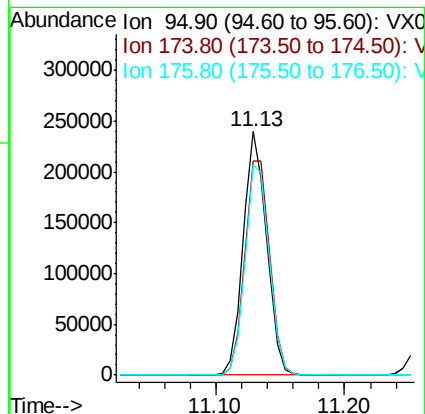
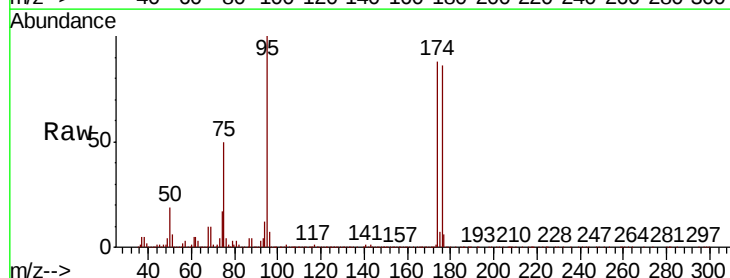
Tgt Ion: 95 Resp: 299268

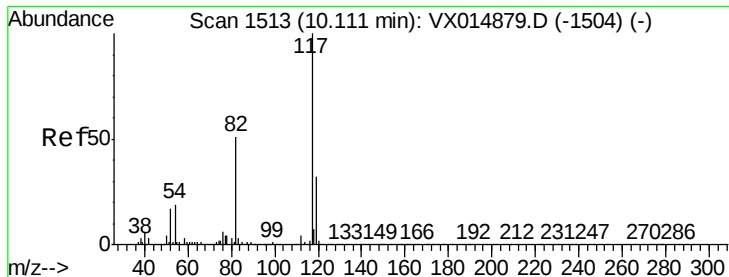
Ion Ratio Lower Upper

95 100

174 93.5 0.0 183.0

176 89.6 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: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

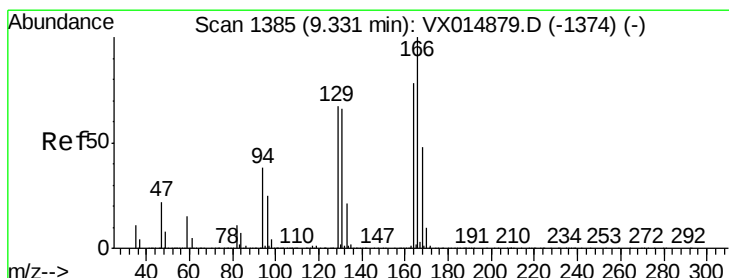
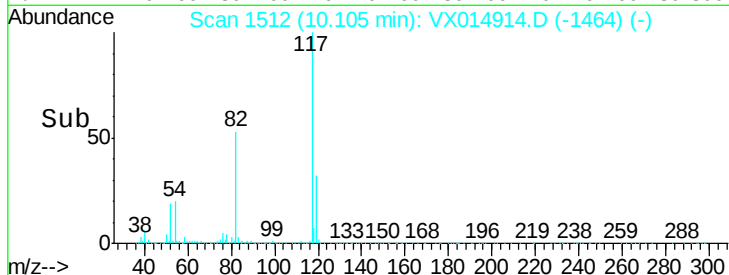
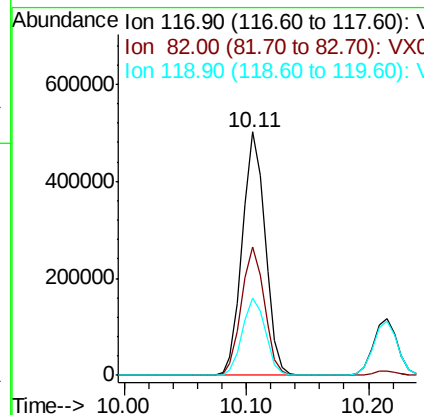
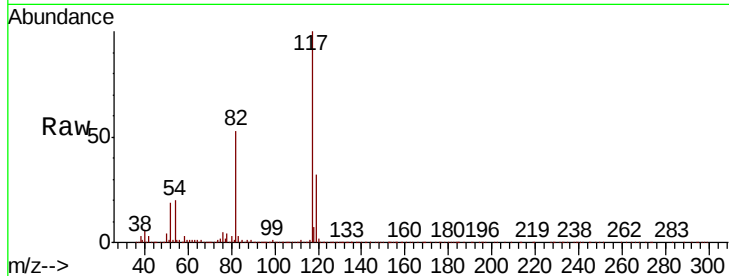
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	40.5	60.7
119	31.9	25.8	38.6

Manual Integrations
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#64

Tetrachloroethene

Concen: 49.523 ug/l

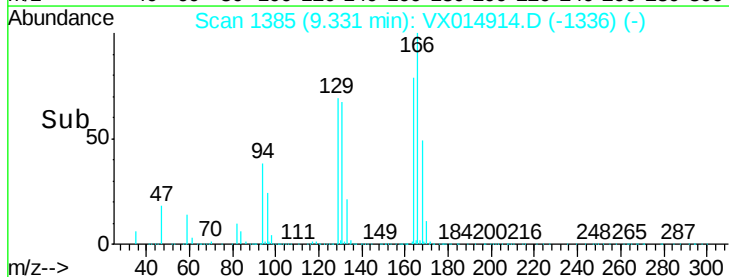
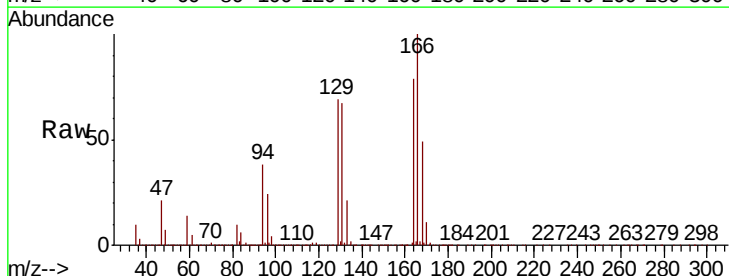
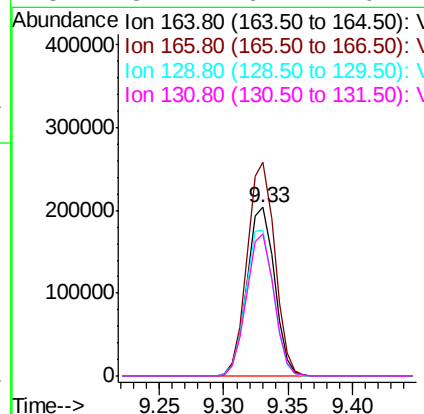
RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	102.6	153.8
129	87.0	68.3	102.5
131	84.7	67.4	101.2





#65

Chlorobenzene

Concen: 48.226 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 633590

Ion Ratio Lower Upper

112 100

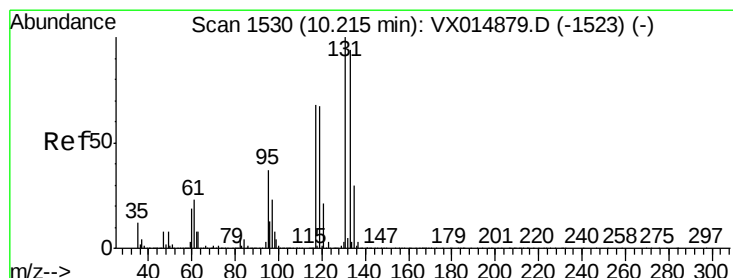
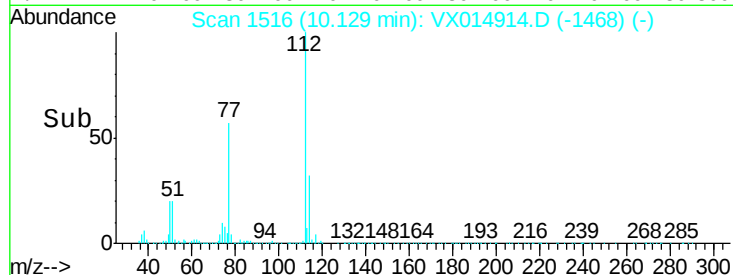
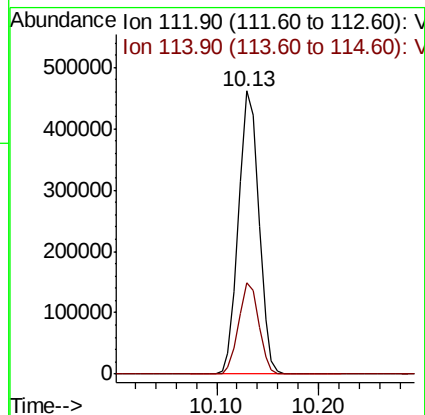
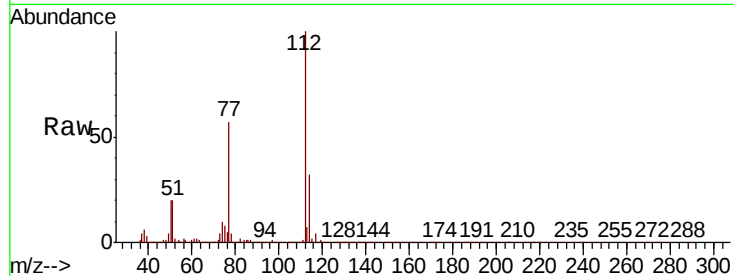
114 32.4 25.6 38.4

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 49.290 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

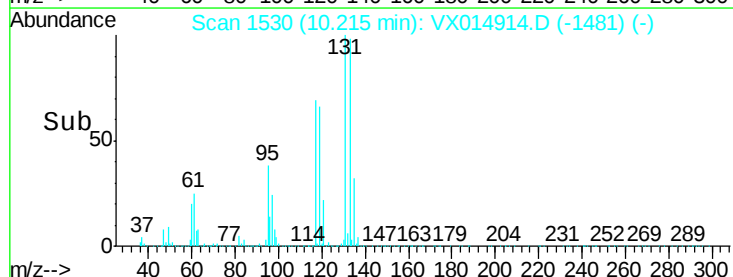
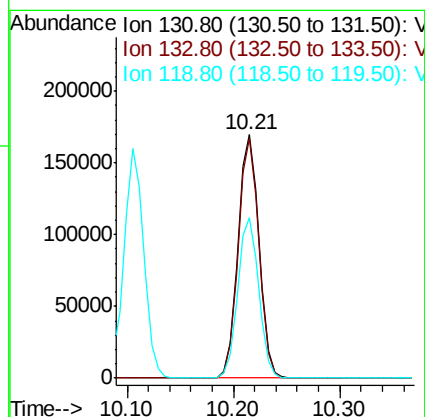
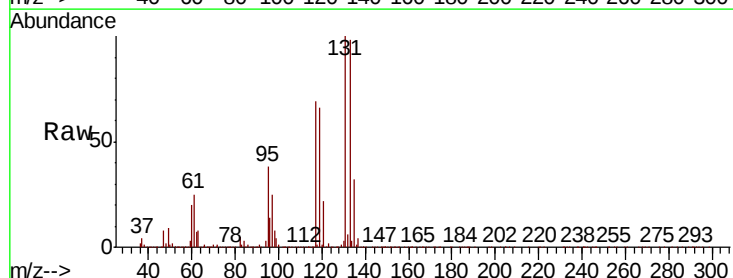
Tgt Ion:131 Resp: 235097

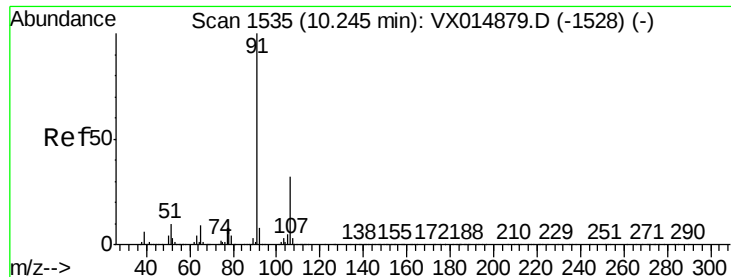
Ion Ratio Lower Upper

131 100

133 96.4 48.1 144.4

119 65.9 33.0 99.0





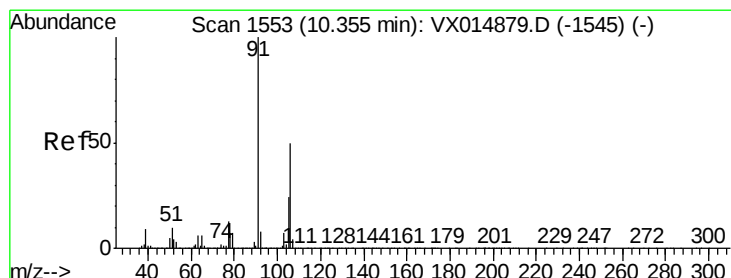
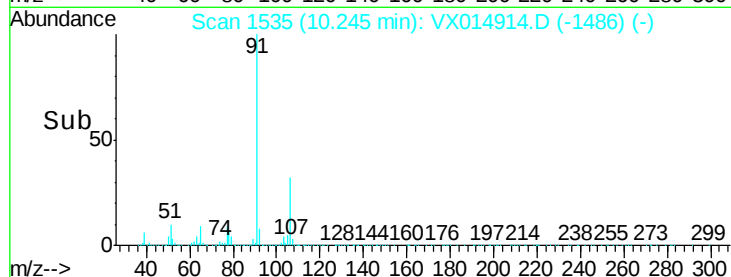
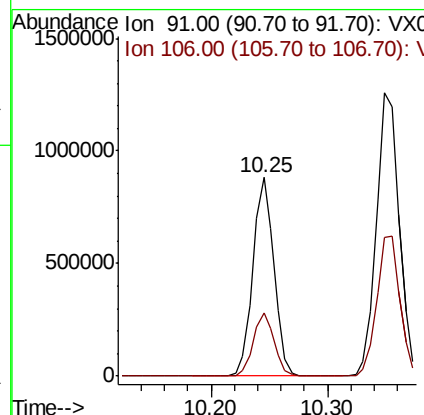
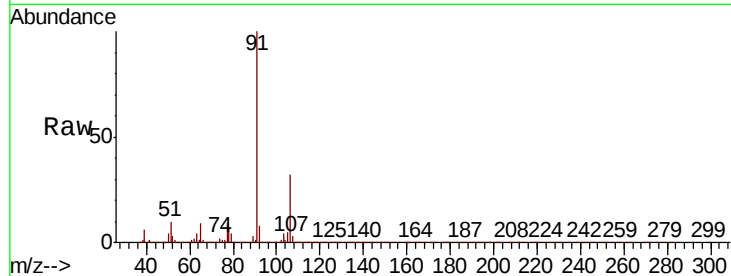
#67
Ethyl Benzene
Concen: 49.874 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1114365
Ion Ratio Lower Upper
91 100
106 32.2 25.3 37.9

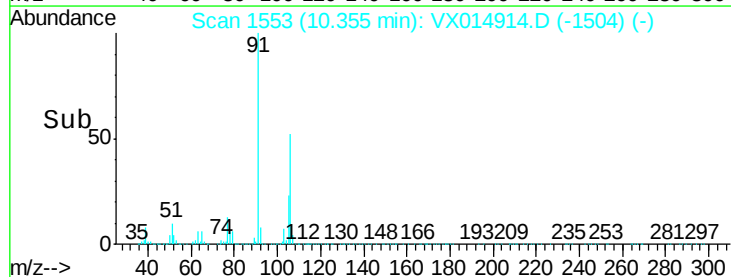
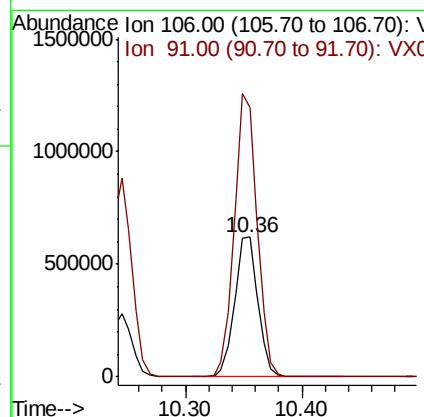
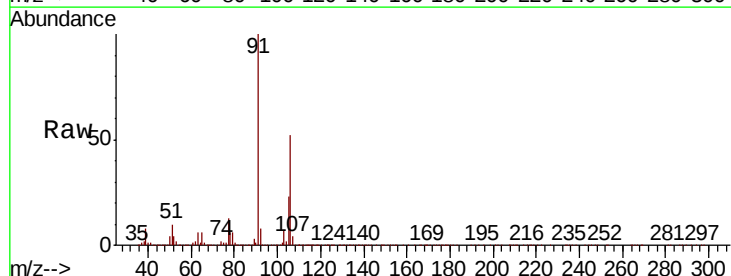
Manual Integrations
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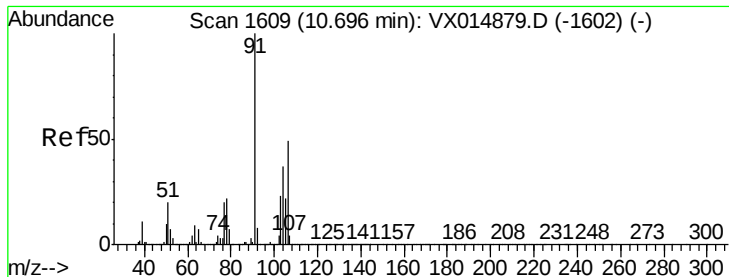
MMDadoda
2/12/2020 3:04:37 PM



#68
m/p-Xylenes
Concen: 99.972 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion: 106 Resp: 860501
Ion Ratio Lower Upper
106 100
91 199.3 160.6 240.8





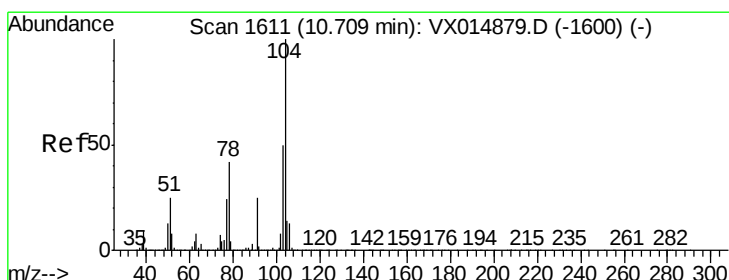
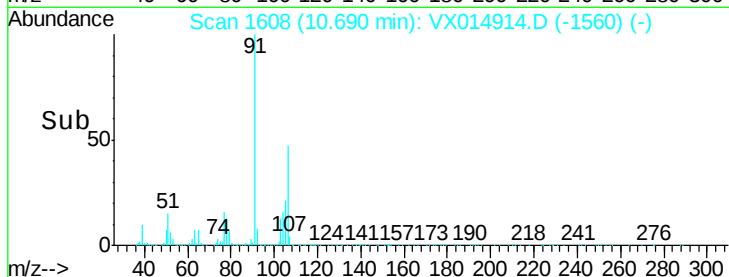
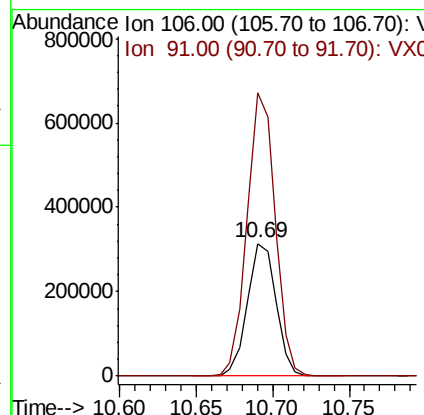
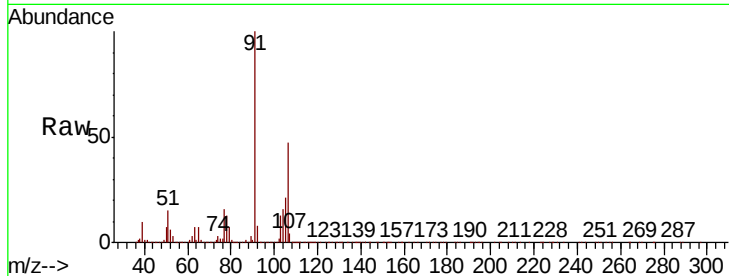
#69
o-Xylene
Concen: 49.474 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.4	105.1	315.3

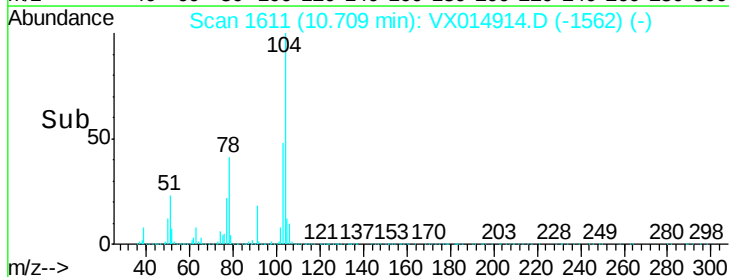
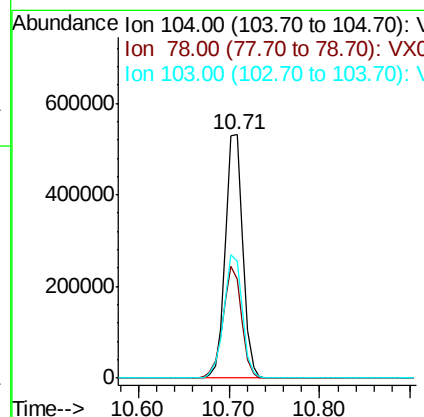
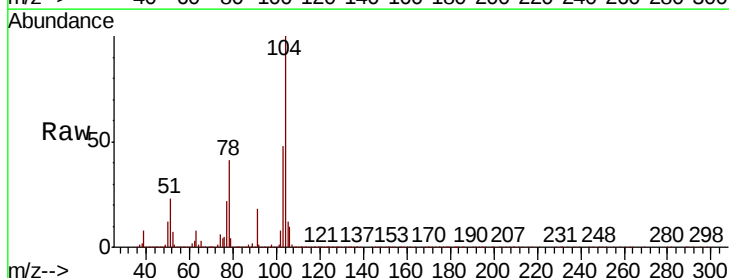
Manual Integrations
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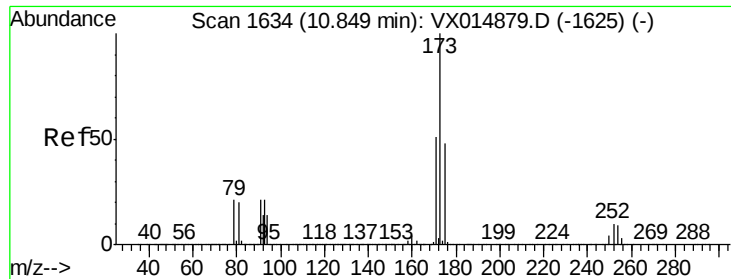
MMDadoda
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#70
Styrene
Concen: 51.061 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	39.0	58.4
103	53.9	43.4	65.0





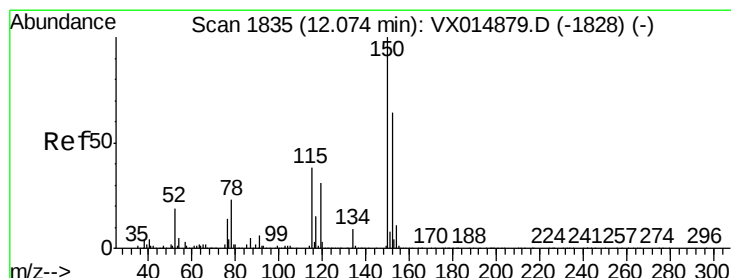
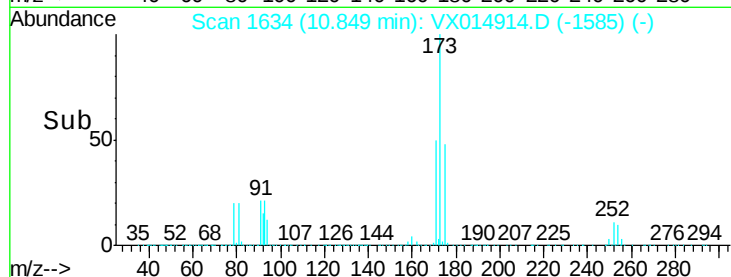
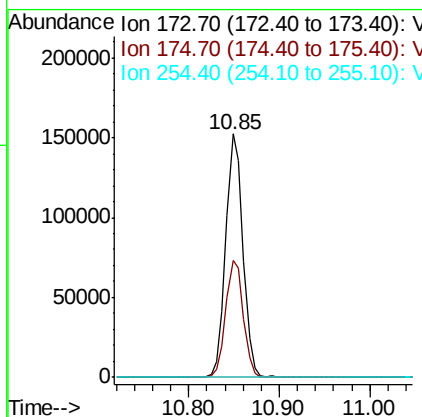
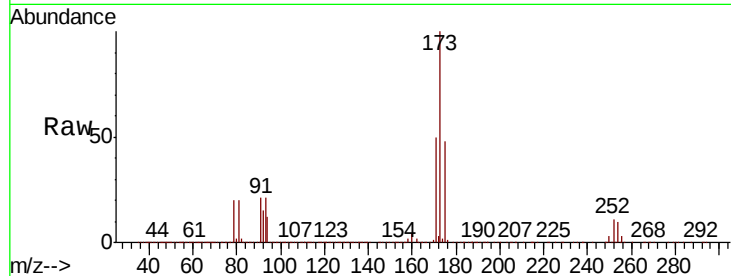
#71
Bromoform
Concen: 50.494 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.2	72.6
254	0.2	0.2	0.2

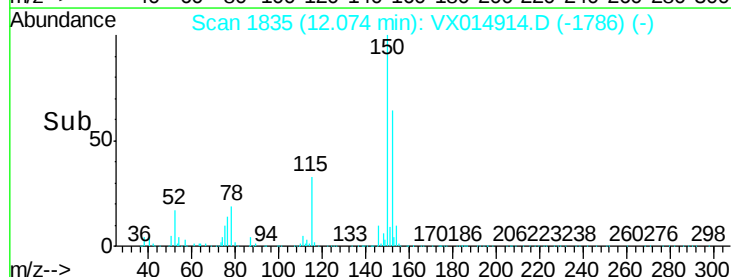
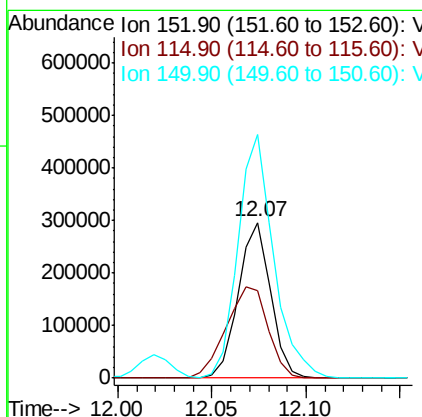
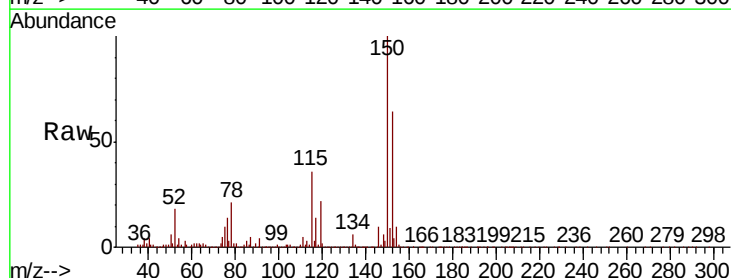
Manual Integrations
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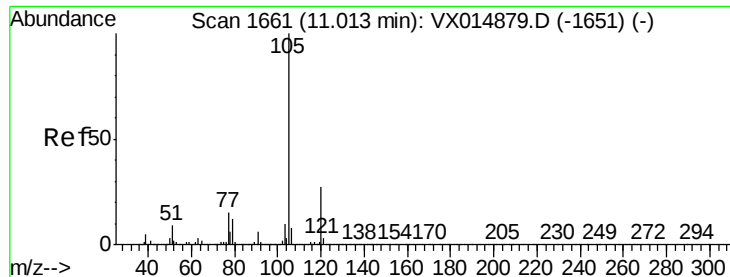
MMDadoda
2/12/2020 3:04:37 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.9	38.6	116.0
150	172.8	0.0	349.0





#73

Isopropylbenzene

Concen: 50.194 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1106861

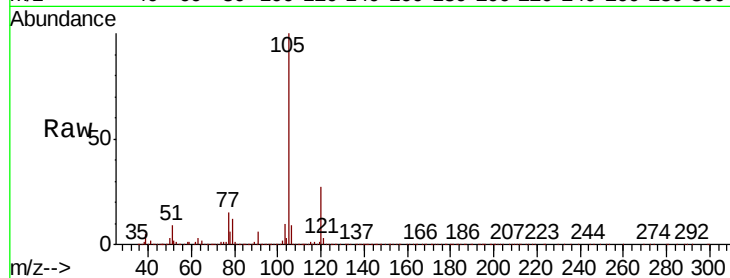
Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.8

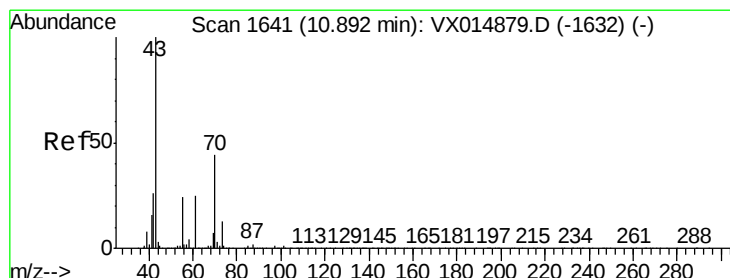
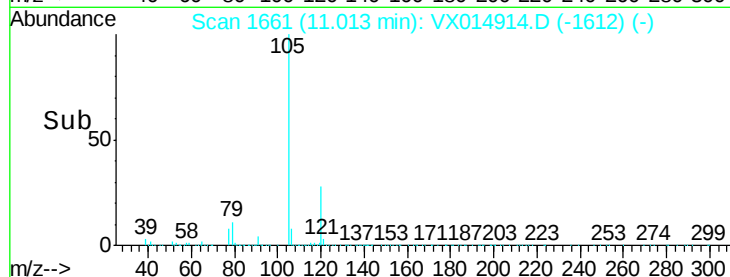
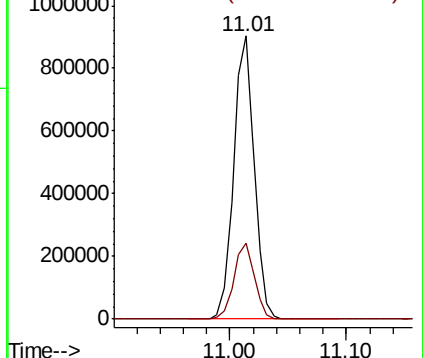
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.178 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Tgt Ion: 43 Resp: 459758

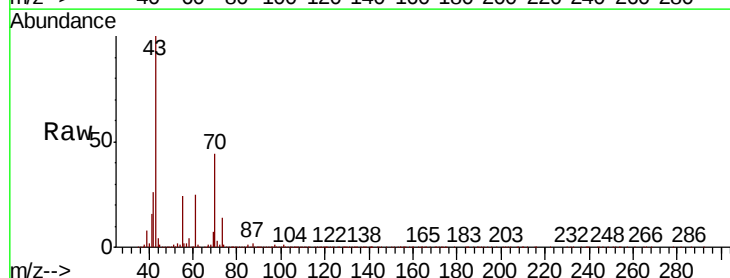
Ion Ratio Lower Upper

43 100

70 43.0 35.0 52.4

55 24.1 19.4 29.2

61 24.6 19.8 29.6

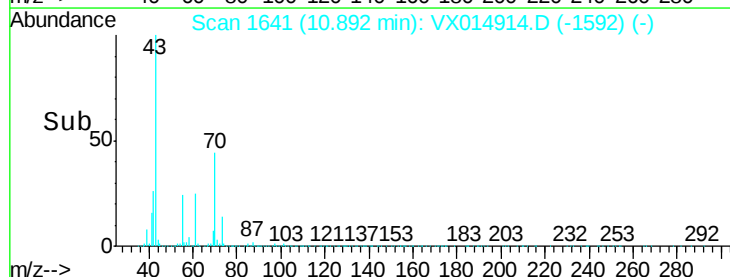
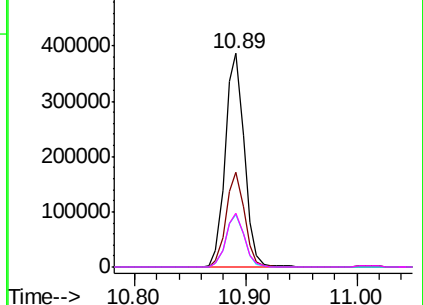


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.320 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 333896

Ion Ratio Lower Upper

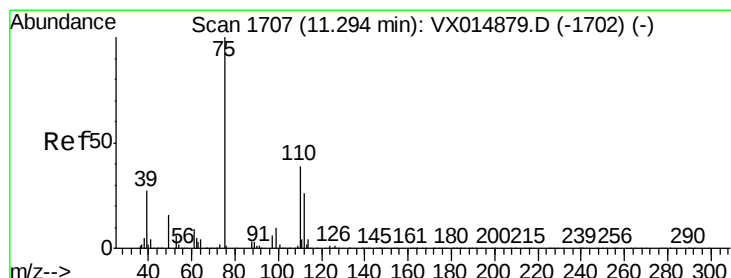
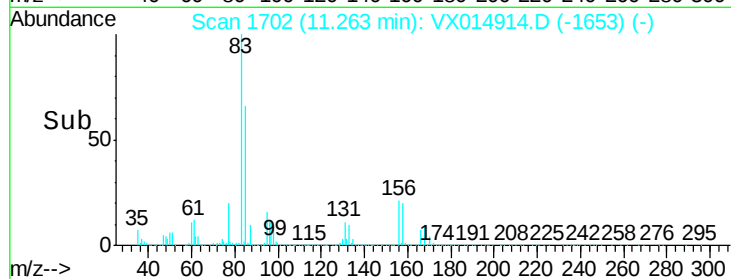
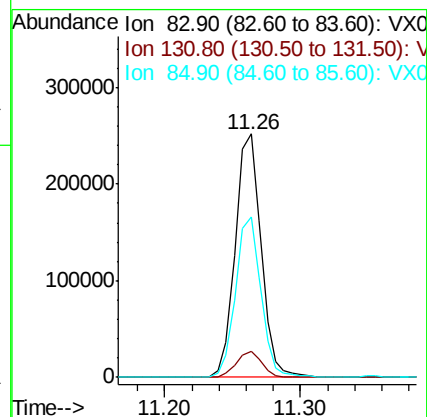
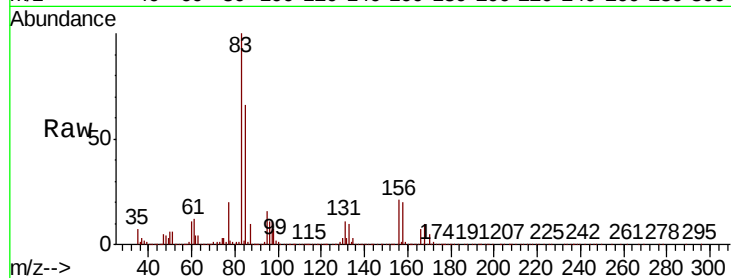
83 100

131 10.3 5.3 16.1

85 64.9 32.6 97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.725 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014914.D

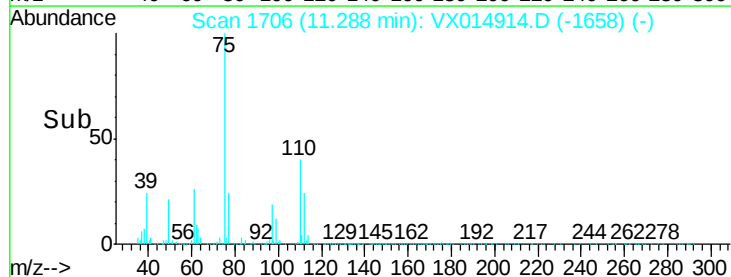
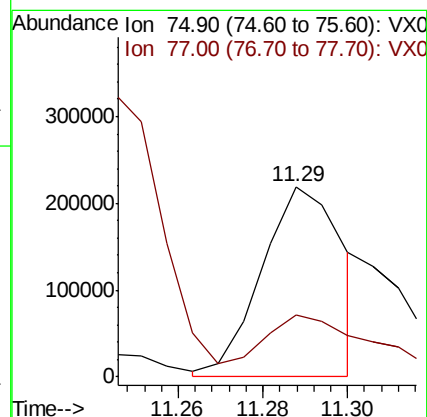
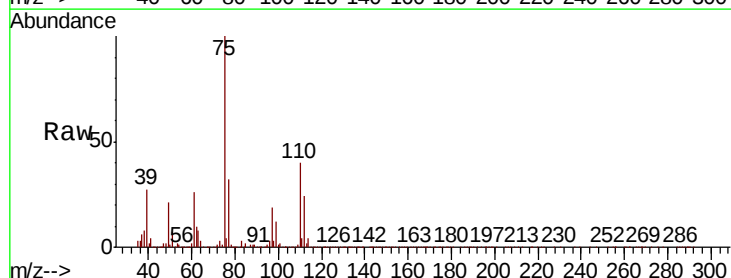
Acq: 11 Feb 2020 16:25

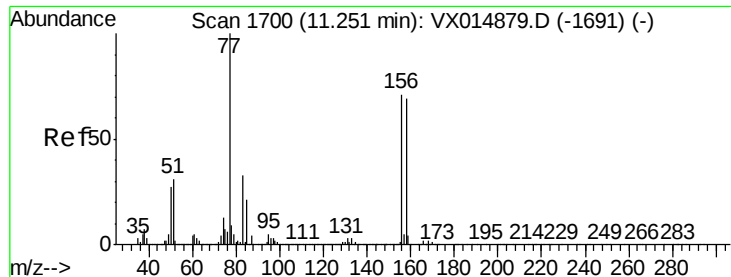
Tgt Ion: 75 Resp: 290759

Ion Ratio Lower Upper

75 100

77 44.2 18.4 55.0





#77

Bromobenzene

Concen: 48.026 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

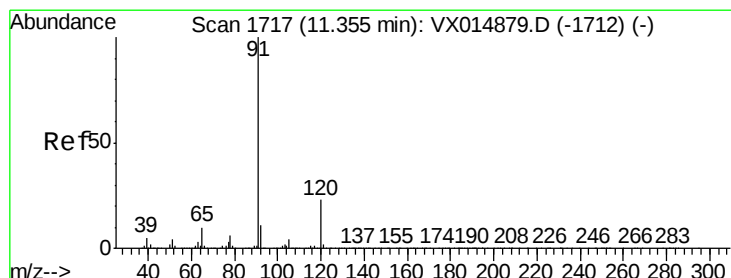
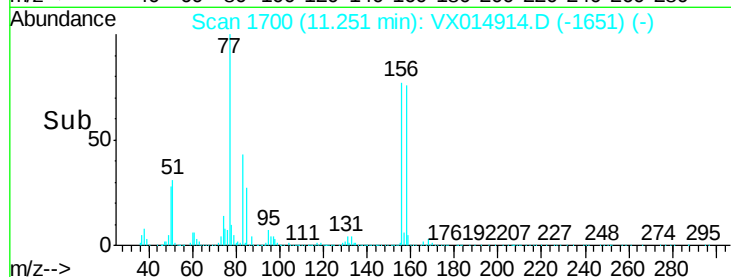
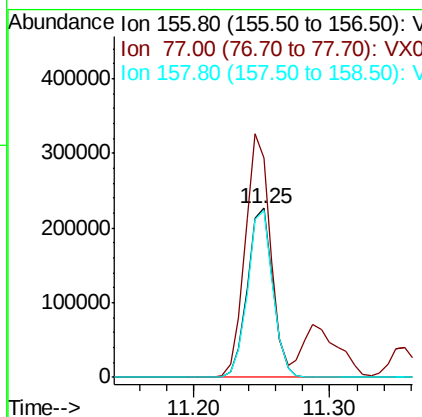
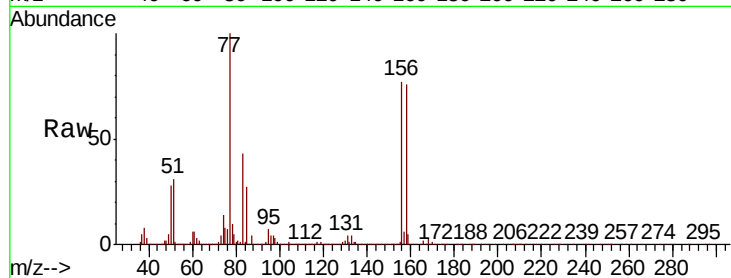
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	295593
Ion Ratio	Lower	Upper	
156	100		
77	142.4	74.0	222.0
158	98.2	48.9	146.6

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#78

n-propylbenzene

Concen: 50.132 ug/l

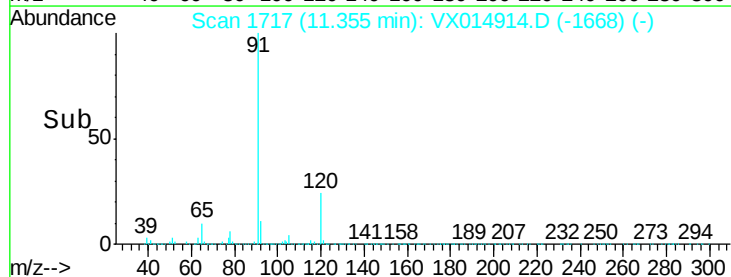
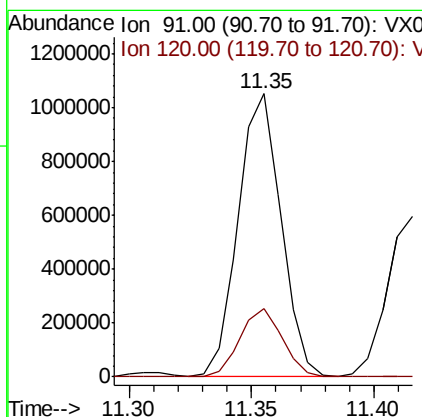
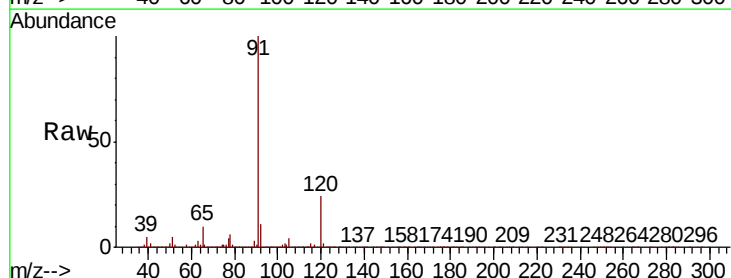
RT: 11.35 min Scan# 1717

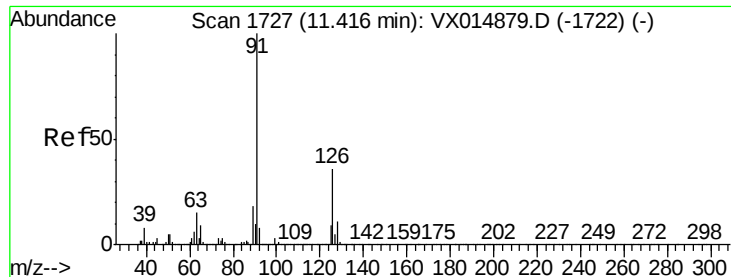
Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Tgt Ion:	91	Resp:	1278626
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.8	35.4





#79

2-Chlorotoluene

Concen: 49.268 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 738732

Ion Ratio Lower Upper

91 100

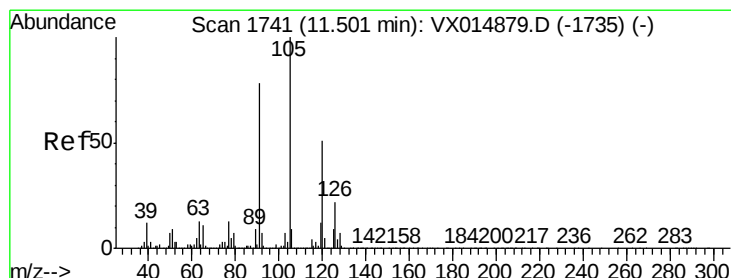
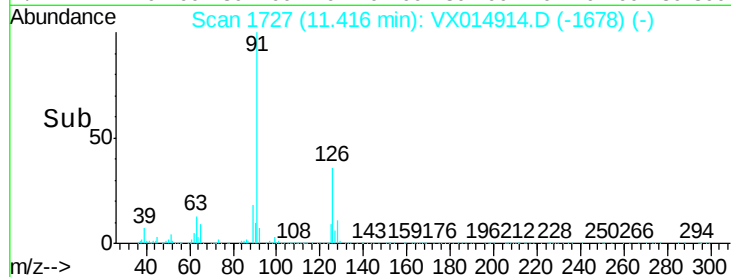
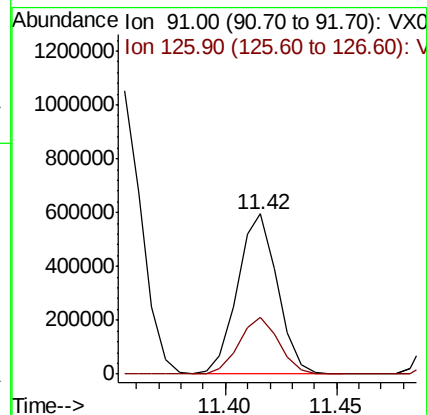
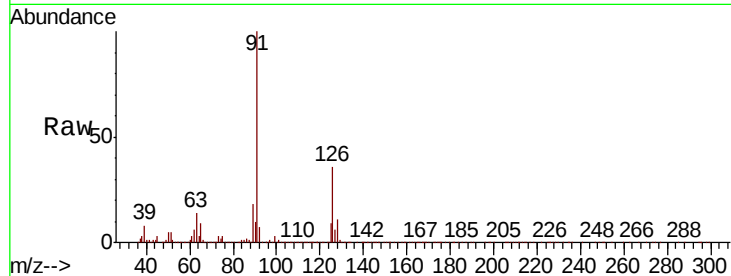
126 35.4 18.0 54.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.119 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014914.D

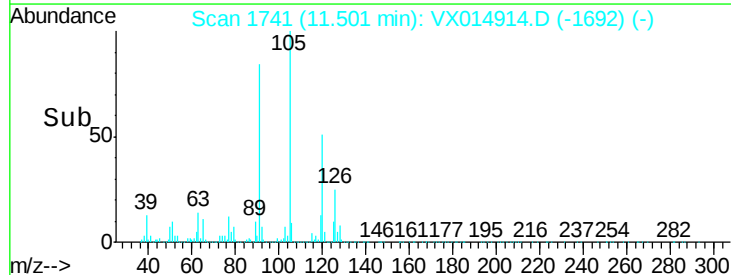
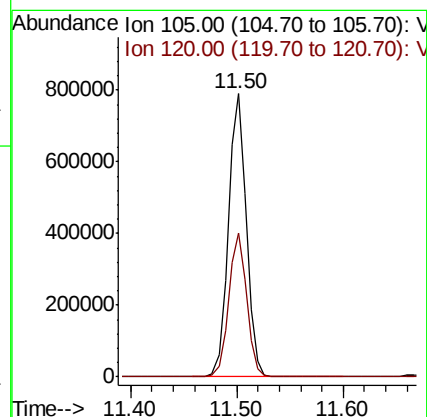
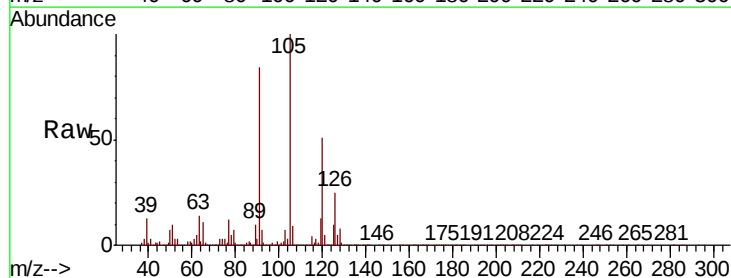
Acq: 11 Feb 2020 16:25

Tgt Ion: 105 Resp: 923467

Ion Ratio Lower Upper

105 100

120 50.8 25.6 76.6





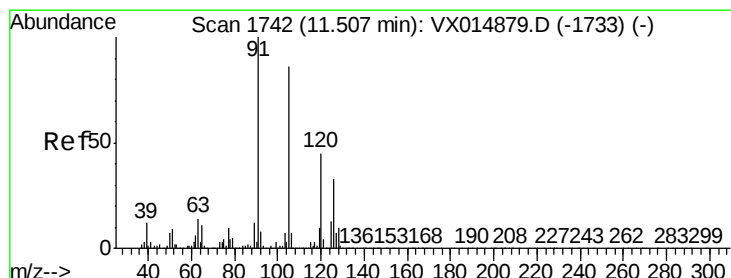
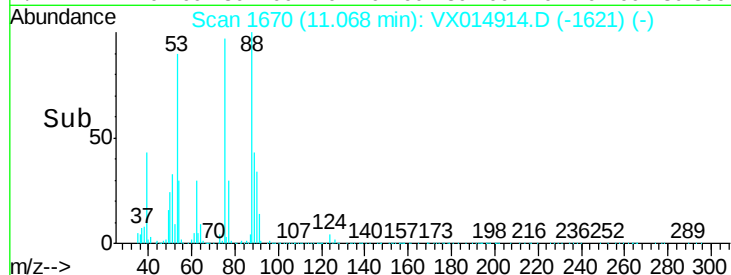
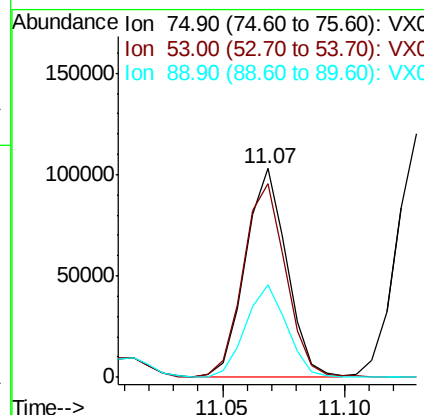
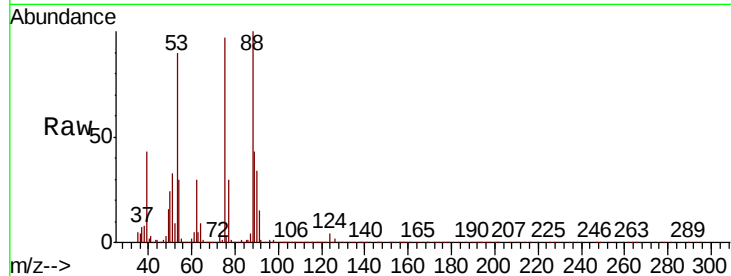
#81
trans-1,4-Dichloro-2-butene
Concen: 48.473 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.7	76.2	114.2
89	44.8	35.8	53.6

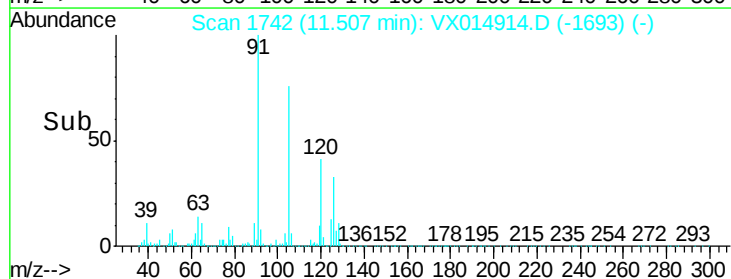
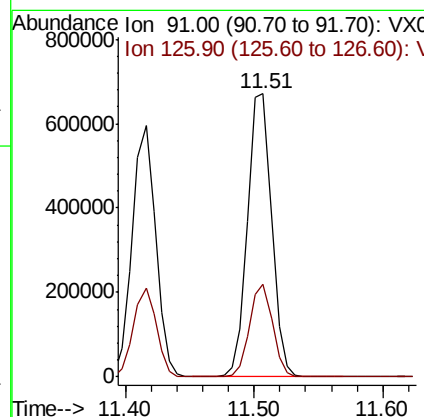
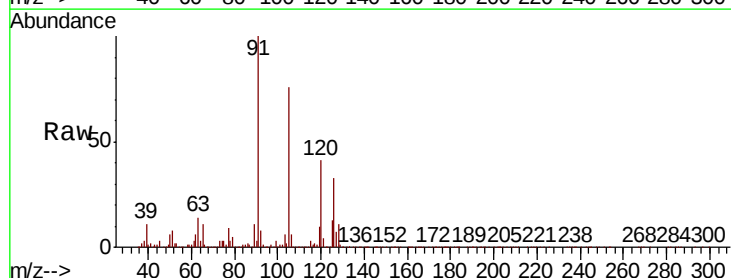
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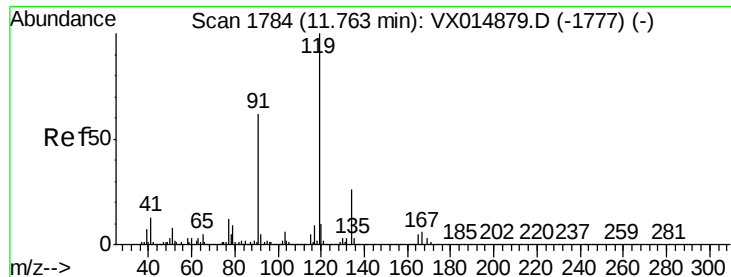
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#82
4-Chlorotoluene
Concen: 48.742 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.7	47.0





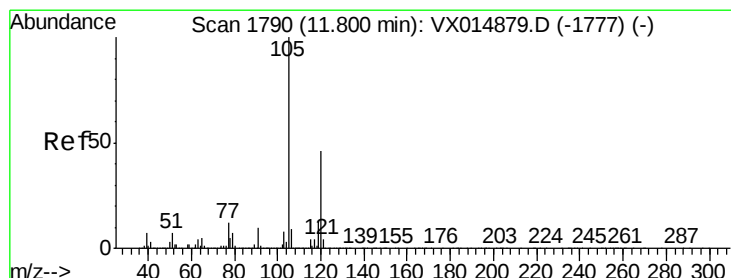
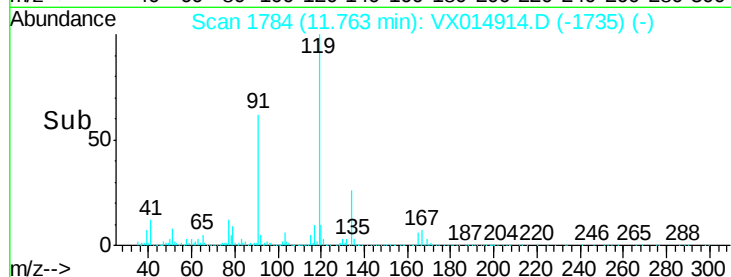
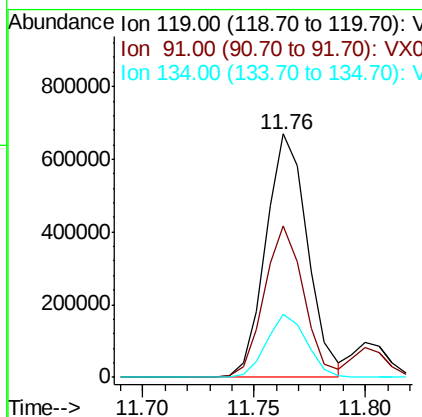
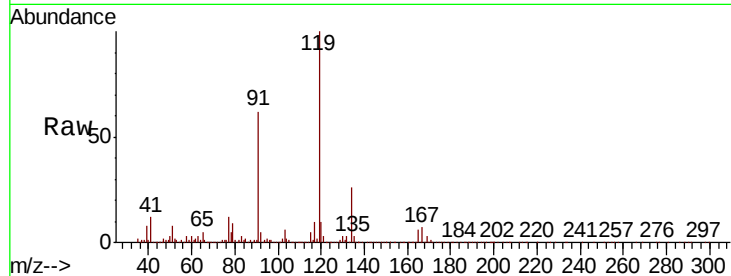
#83
tert-Butylbenzene
Concen: 49.874 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	870206		
91	58.9	29.5	88.6	
134	25.0	12.6	37.6	

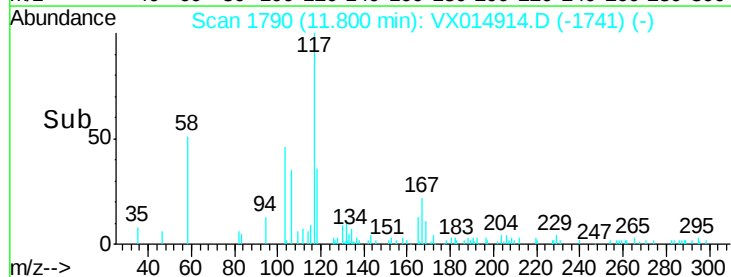
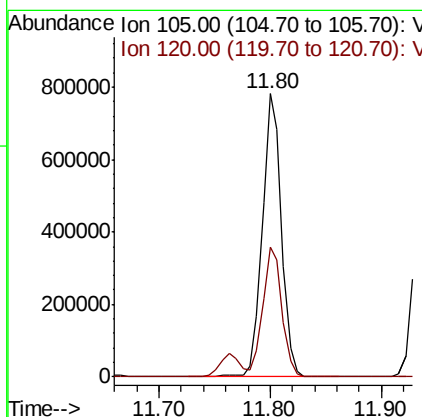
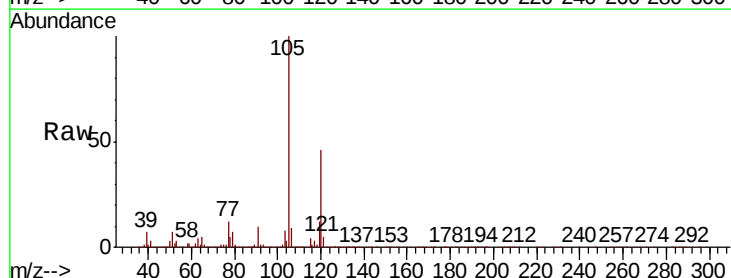
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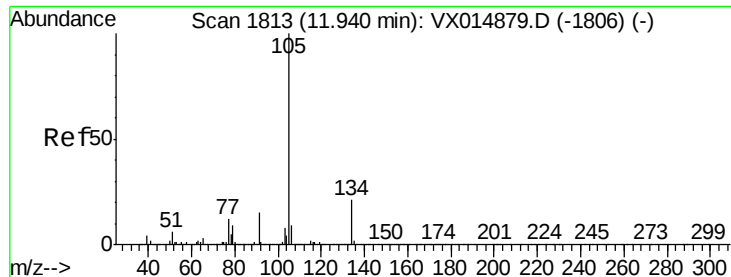
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#84
1,2,4-Trimethylbenzene
Concen: 50.558 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	938793		
120	45.7	23.0	69.0	





#85

sec-Butylbenzene

Concen: 50.495 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1094516

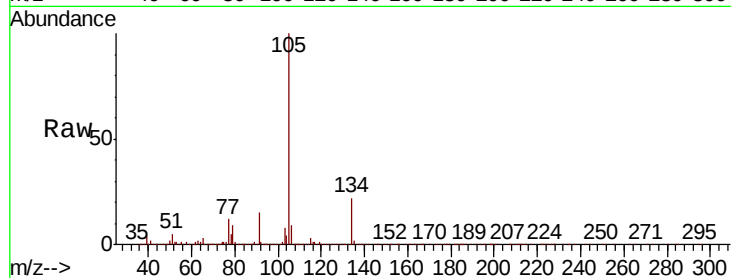
Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8

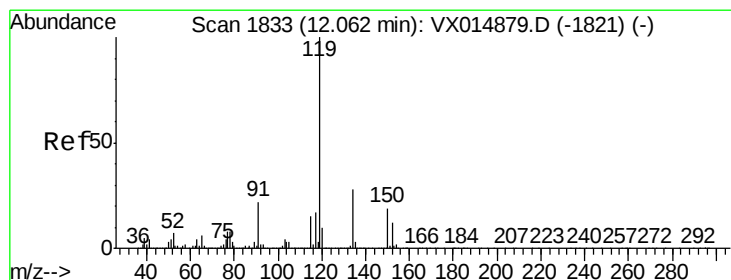
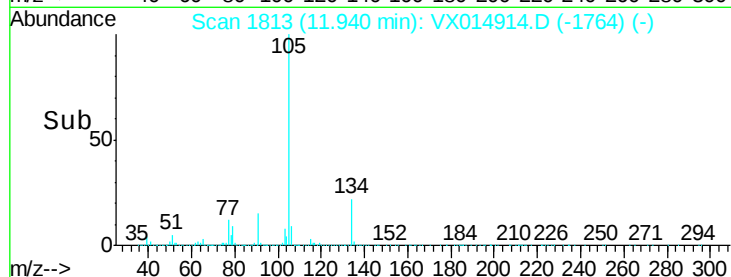
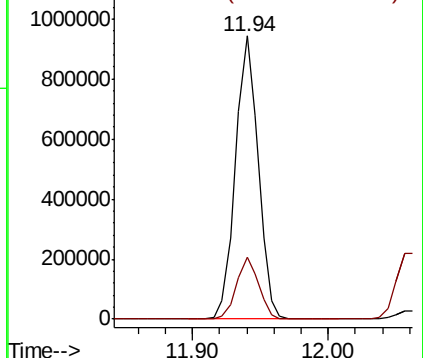
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.880 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

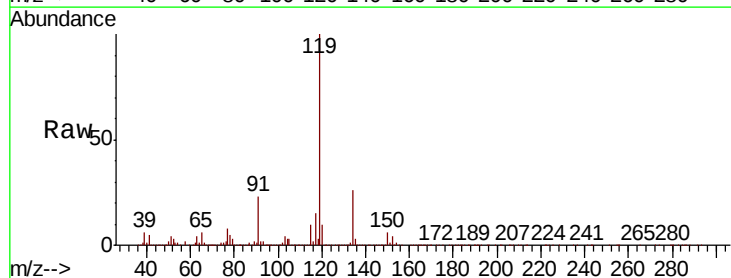
Tgt Ion:119 Resp: 1032037

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

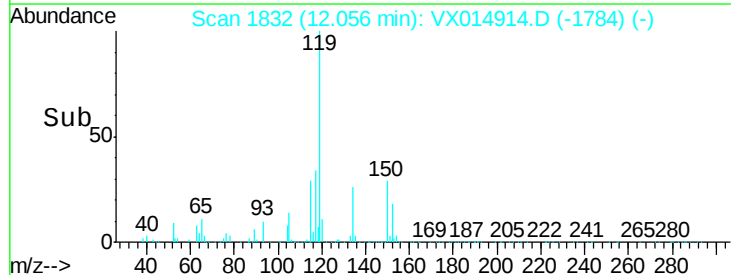
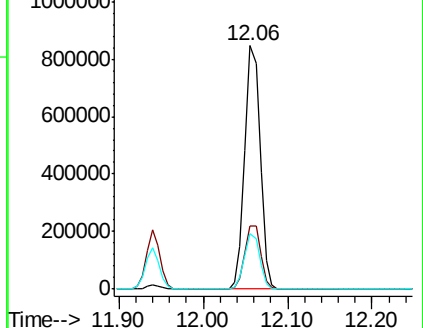
91 22.6 11.4 34.1

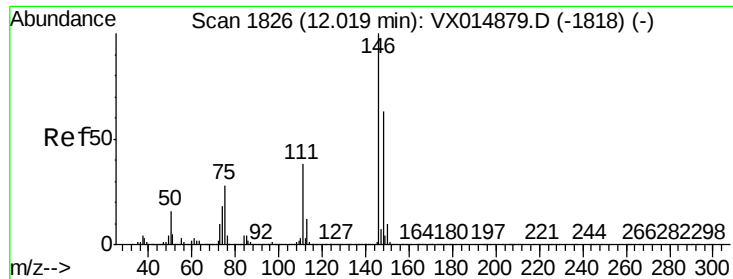


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





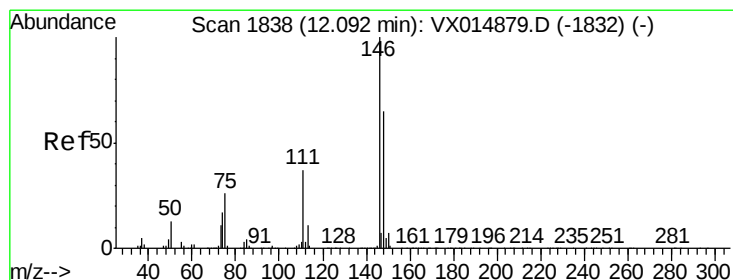
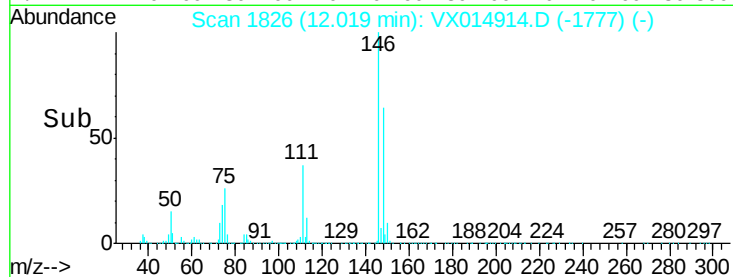
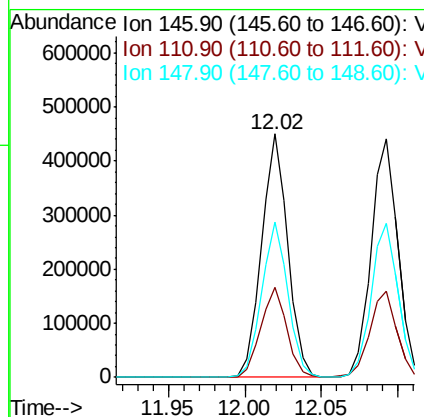
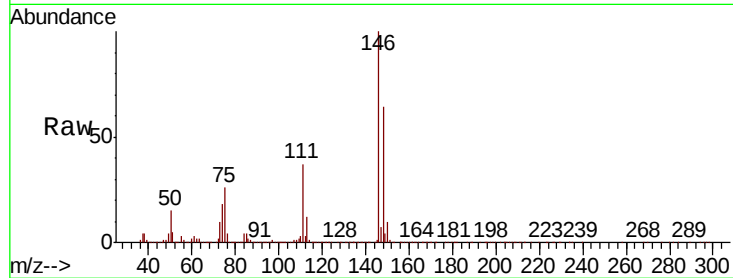
#87
 1,3-Dichlorobenzene
 Concen: 48.765 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	56.0
148	63.6	31.8	95.4

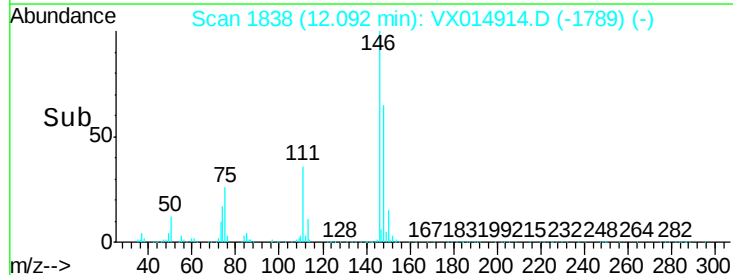
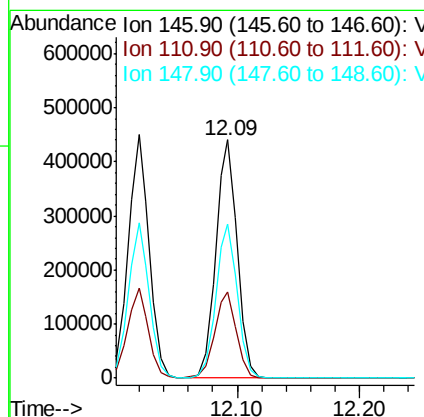
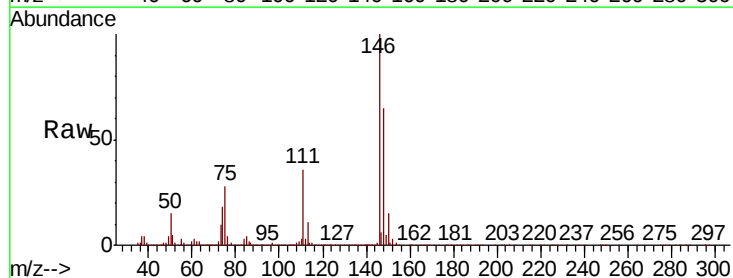
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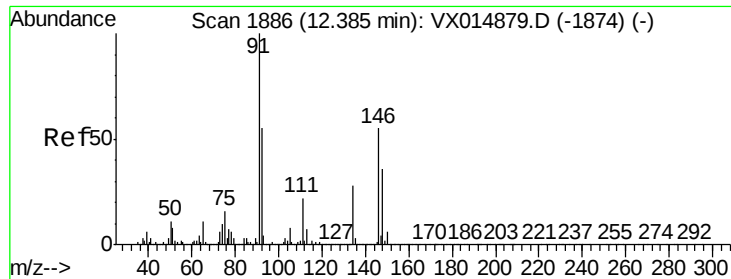
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#88
 1,4-Dichlorobenzene
 Concen: 47.700 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.6
148	64.7	32.4	97.0





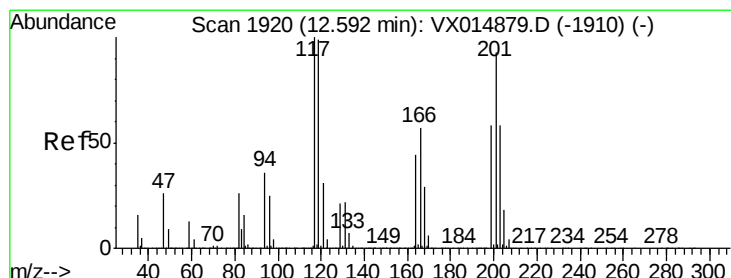
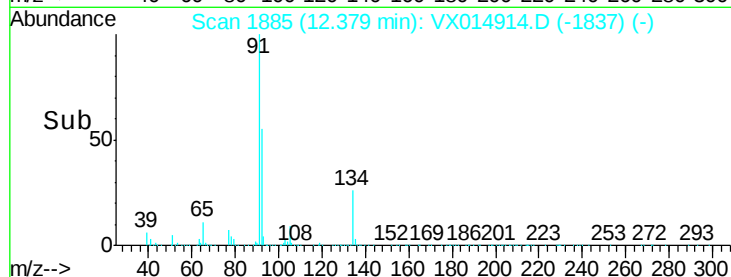
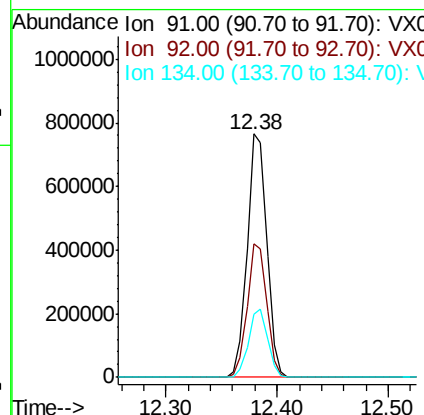
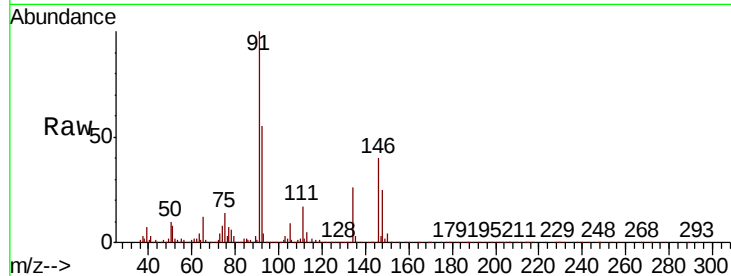
#89
n-Butylbenzene
Concen: 51.195 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.3	81.8
134	27.5	13.8	41.4

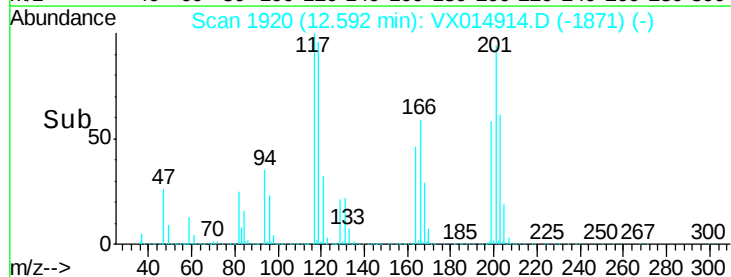
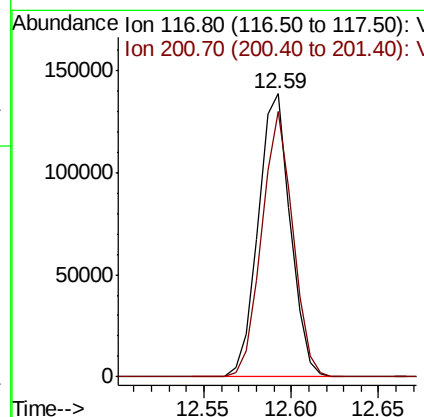
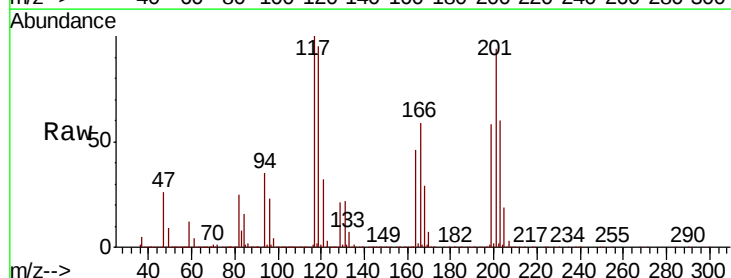
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#90
Hexachloroethane
Concen: 49.963 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.4	44.8	134.3





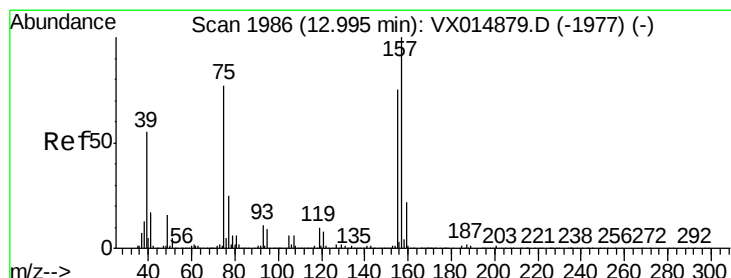
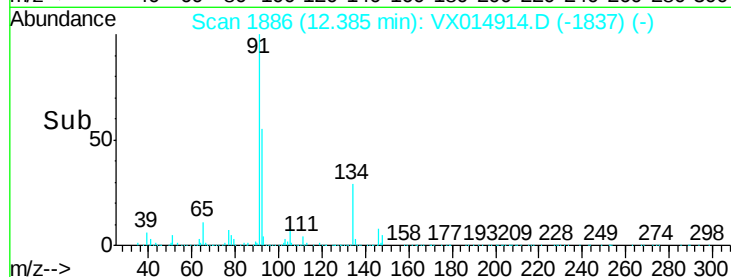
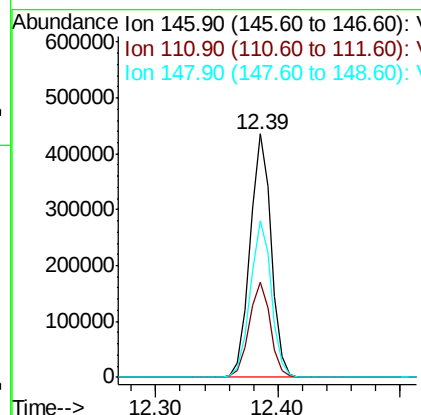
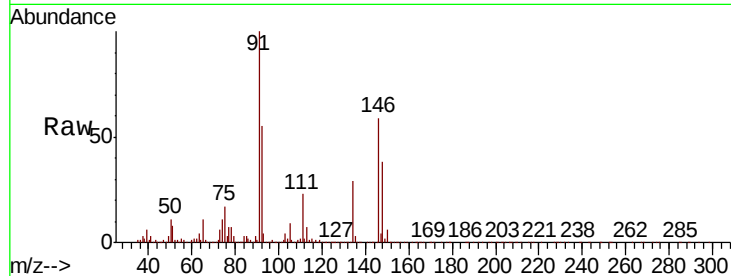
#91
 1,2-Dichlorobenzene
 Concen: 48.048 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	520278		
111	39.3	19.8	59.3	
148	64.2	32.4	97.2	

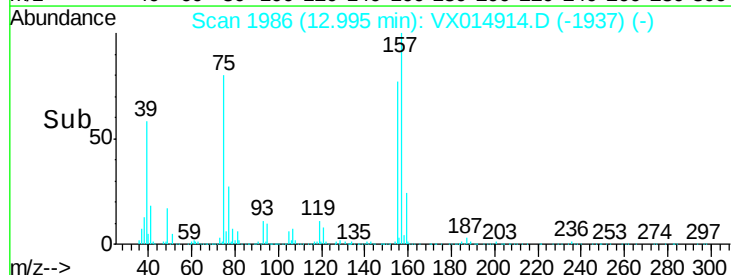
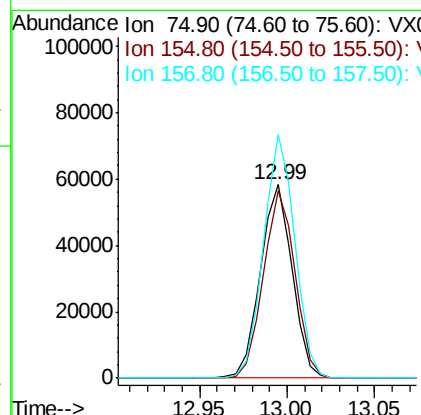
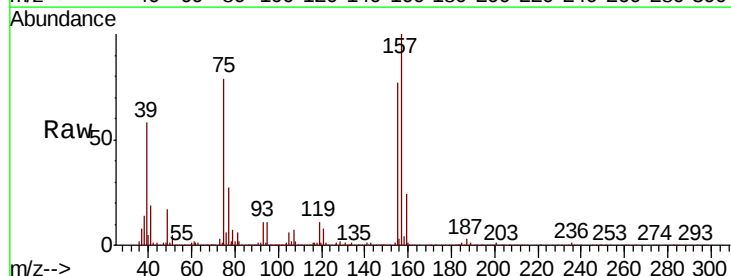
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.154 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72980		
155	97.2	48.6	145.9	
157	125.2	62.0	186.0	





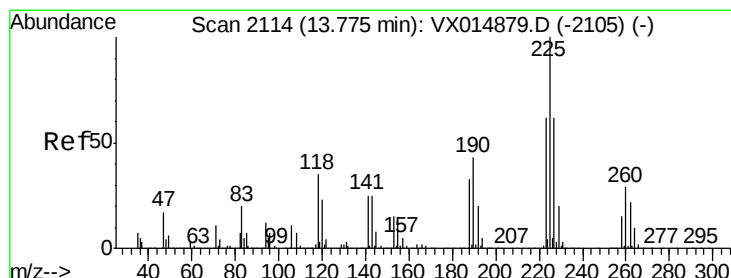
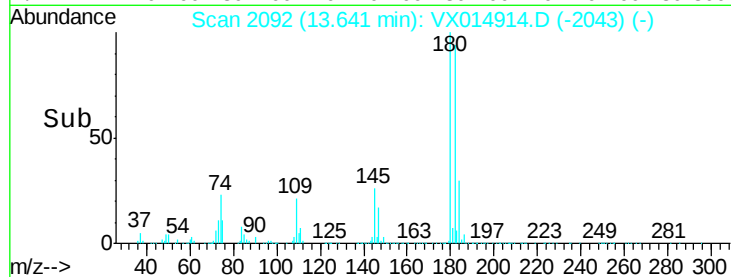
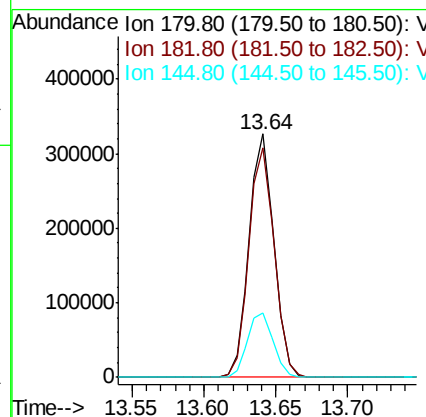
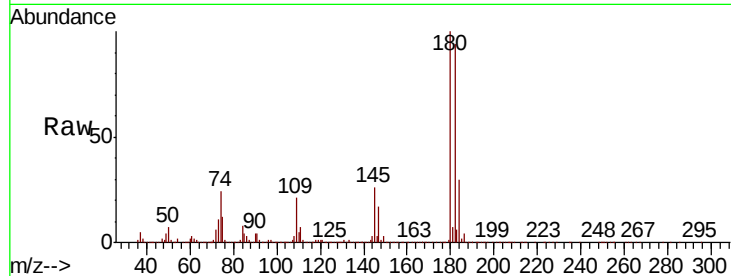
#93
 1,2,4-Trichlorobenzene
 Concen: 48.662 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	388924		
182	96.3	48.4	145.3	
145	27.6	14.1	42.4	

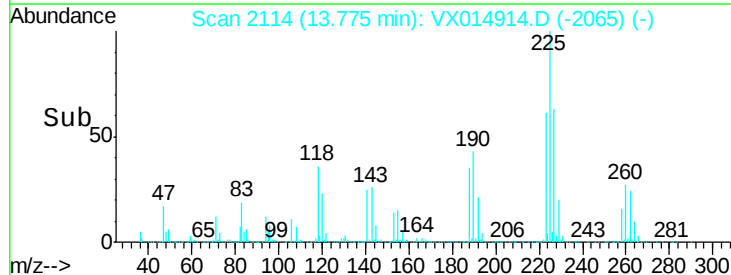
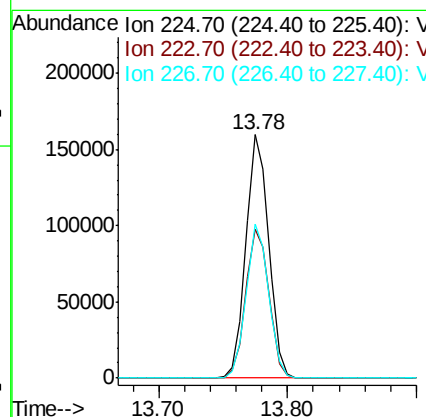
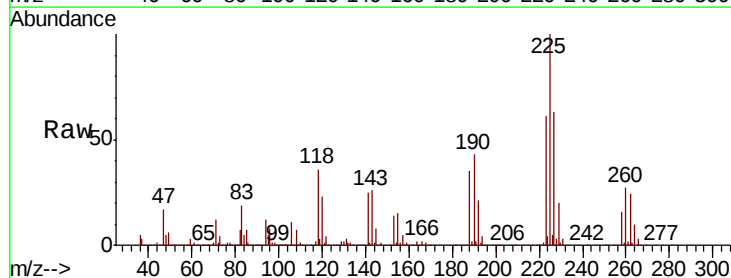
Manual Integrations
 APPROVED

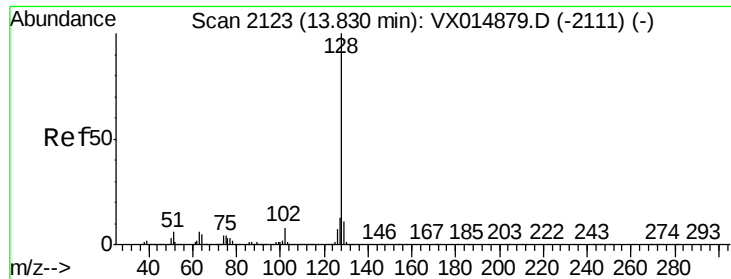
MMDadoda
 2/12/2020 3:04:37 PM



#94
 Hexachlorobutadiene
 Concen: 50.372 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	194725		
223	62.2	31.1	93.2	
227	62.0	30.9	92.5	





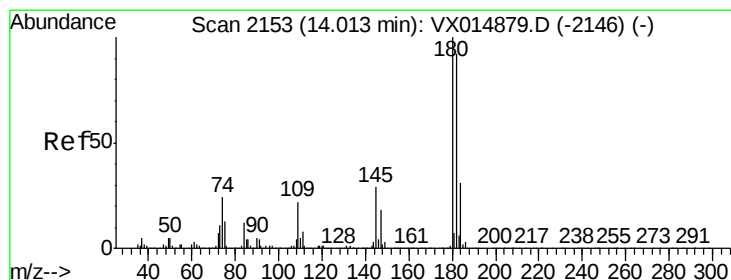
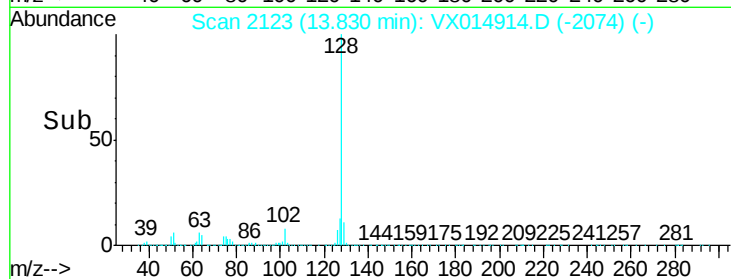
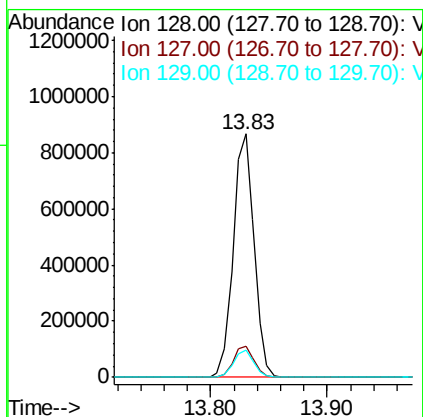
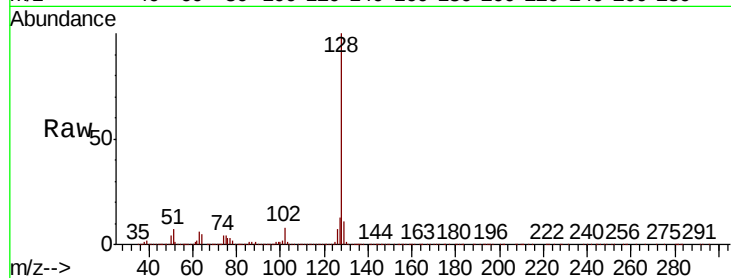
#95
Naphthalene
Concen: 50.825 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/12/2020 3:04:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.833 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.5	142.6
145	29.4	14.5	43.5

