

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031120\
 Data File : VX015210.D
 Acq On : 11 Mar 2020 18:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/12/2020 2:50:52 PM

Quant Time: Mar 12 07:13:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	330756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	507248	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	486307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	263448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	200654	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	5.49	113	168193	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
50) Toluene-d8	8.71	98	644765	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
62) 4-Bromofluorobenzene	11.13	95	235068	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	135420	46.76	ug/l	98
3) Chloromethane	1.32	50	191288	46.62	ug/l	100
4) Vinyl Chloride	1.40	62	195586	47.01	ug/l	99
5) Bromomethane	1.63	94	109608	42.86	ug/l	99
6) Chloroethane	1.72	64	116430	46.66	ug/l	98
7) Trichlorofluoromethane	1.92	101	230604	46.59	ug/l	99
8) Diethyl Ether	2.18	74	104635	46.67	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140082	44.98	ug/l	97
10) Methyl Iodide	2.50	142	141222	40.14	ug/l	99
11) Tert butyl alcohol	3.03	59	159993	235.00	ug/l	99
12) 1,1-Dichloroethene	2.37	96	144280	44.89	ug/l	97
13) Acrolein	2.28	56	133990	209.42	ug/l	99
14) Allyl chloride	2.72	41	255722	45.63	ug/l	95
15) Acrylonitrile	3.13	53	428585	252.78	ug/l	98
16) Acetone	2.43	43	337379	212.30	ug/l	97
17) Carbon Disulfide	2.56	76	364666	40.85	ug/l	100
18) Methyl Acetate	2.76	43	181493	46.71	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	476001	47.39	ug/l	100
20) Methylene Chloride	2.85	84	162771	43.77	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	155109	45.19	ug/l	99
22) Diisopropyl ether	3.84	45	612255	54.83	ug/l	99
23) Vinyl Acetate	3.80	43	2595805	282.81	ug/l	100
24) 1,1-Dichloroethane	3.69	63	325638	52.55	ug/l	99
25) 2-Butanone	4.65	43	635826	273.30	ug/l	99
26) 2,2-Dichloropropane	4.58	77	226690	46.08	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	199310	51.76	ug/l	99
28) Bromochloromethane	5.01	49	152310	53.97	ug/l	99
29) Tetrahydrofuran	5.11	42	411580	274.44	ug/l	99
30) Chloroform	5.20	83	316560	52.41	ug/l	97
31) Cyclohexane	5.58	56	277930	50.28	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	267429	53.41	ug/l	98
36) 1,1-Dichloropropene	5.79	75	231755	49.42	ug/l	99
37) Ethyl Acetate	4.82	43	252918	58.14	ug/l	99
38) Carbon Tetrachloride	5.78	117	226835	51.25	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	272675	49.80	ug/l	95
40) Benzene	6.14	78	722361	51.92	ug/l	99
41) Methacrylonitrile	5.03	41	142405	54.50	ug/l	100
42) 1,2-Dichloroethane	6.18	62	253657	53.09	ug/l	99
43) Isopropyl Acetate	6.43	43	414799	54.21	ug/l	99
44) Trichloroethene	7.21	130	194870	50.29	ug/l	97
45) 1,2-Dichloropropane	7.51	63	191684	53.23	ug/l	98
46) Dibromomethane	7.65	93	122500	52.21	ug/l	100
47) Bromodichloromethane	7.89	83	250306	53.94	ug/l	99
48) Methyl methacrylate	7.76	41	209620	53.82	ug/l	99
49) 1,4-Dioxane	7.73	88	88147	1046.79	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1301363	287.63	ug/l	99
52) Toluene	8.78	92	453733	53.34	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	263825	53.42	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	301775	54.05	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	189243	54.05	ug/l	98
56) Ethyl methacrylate	9.17	69	287427	57.55	ug/l	99
57) 1,3-Dichloropropane	9.37	76	316723	53.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	760482	279.52	ug/l	100
59) 2-Hexanone	9.48	43	977937	291.62	ug/l	99
60) Dibromochloromethane	9.57	129	202352	55.02	ug/l	99
61) 1,2-Dibromoethane	9.67	107	194947	53.01	ug/l	100
64) Tetrachloroethene	9.33	164	196348	48.83	ug/l	99
65) Chlorobenzene	10.14	112	497092	50.91	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	185856	50.48	ug/l	99
67) Ethyl Benzene	10.25	91	867133	52.30	ug/l	99
68) m/p-Xylenes	10.35	106	667508	105.82	ug/l	99
69) o-Xylene	10.70	106	319474	52.90	ug/l	100
70) Styrene	10.71	104	565202	54.58	ug/l	99
71) Bromoform	10.85	173	151679	53.13	ug/l #	97
73) Isopropylbenzene	11.01	105	851529	50.60	ug/l	100
74) N-amyl acetate	10.89	43	378714	53.40	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	280868	50.08	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	229999m	43.77	ug/l	
77) Bromobenzene	11.25	156	226360	48.26	ug/l	100
78) n-propylbenzene	11.35	91	983624	51.16	ug/l	100
79) 2-Chlorotoluene	11.42	91	579174	50.44	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	730020	52.11	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	89922	48.56	ug/l	99
82) 4-Chlorotoluene	11.51	91	681381	50.23	ug/l	100
83) tert-Butylbenzene	11.76	119	696793	51.44	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	716463	50.91	ug/l	100
85) sec-Butylbenzene	11.94	105	839906	51.36	ug/l	100
86) p-Isopropyltoluene	12.06	119	770773	51.16	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	406407	49.29	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	410966	48.28	ug/l	99
89) n-Butylbenzene	12.39	91	693695	51.77	ug/l	99
90) Hexachloroethane	12.59	117	140810	49.44	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	408266	49.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	57812	51.48	ug/l	96

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ClientSampleId :
VSTDCCC050EC

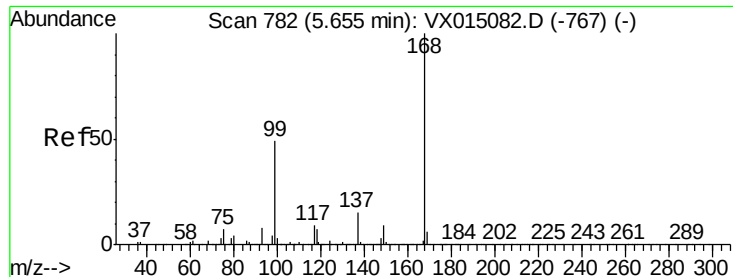
Manual Integrations
APPROVED

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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	285599	50.19	ug/l	100
94) Hexachlorobutadiene	13.78	225	135741	46.49	ug/l	98
95) Naphthalene	13.83	128	838600	48.14	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	287846	50.70	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tgt Ion:168 Resp: 330756

Ion Ratio Lower Upper

168 100

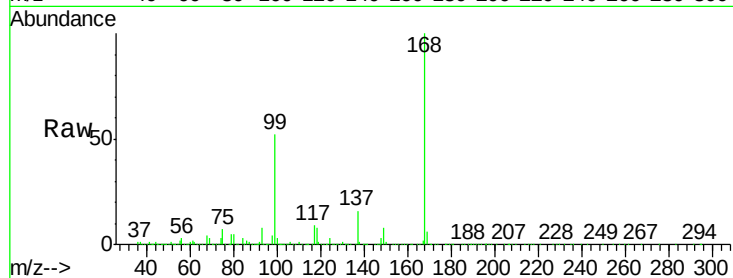
99 51.6 39.4 59.2

Manual Integrations

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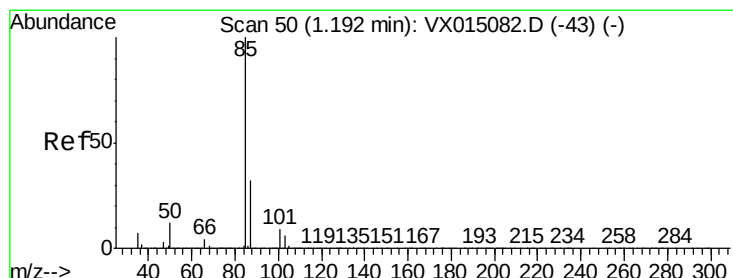
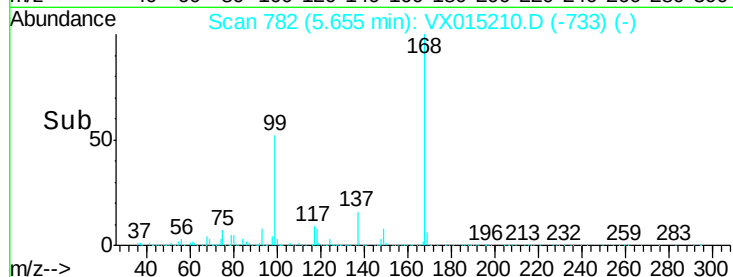
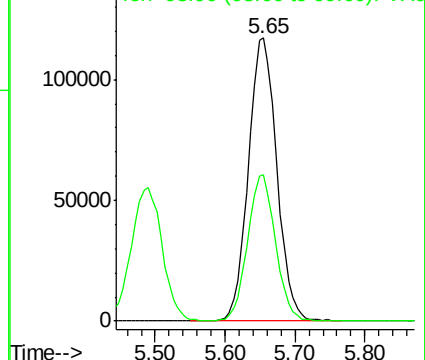
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.76 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015210.D

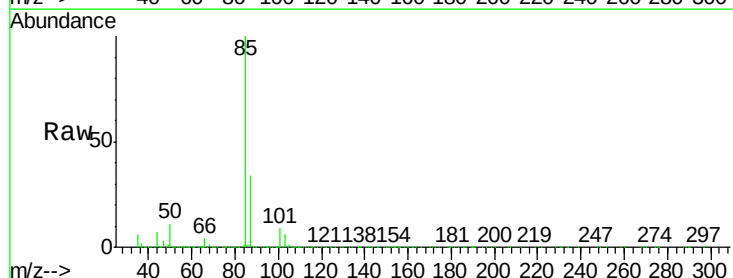
Acq: 11 Mar 2020 18:48

Tgt Ion: 85 Resp: 135420

Ion Ratio Lower Upper

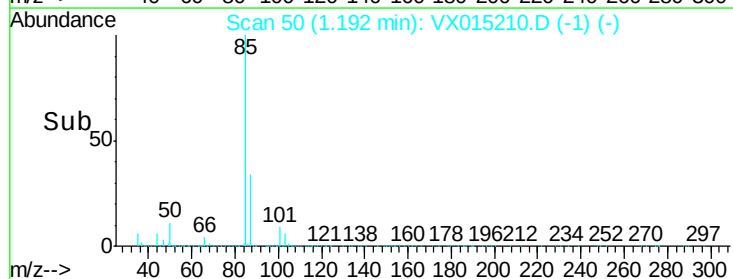
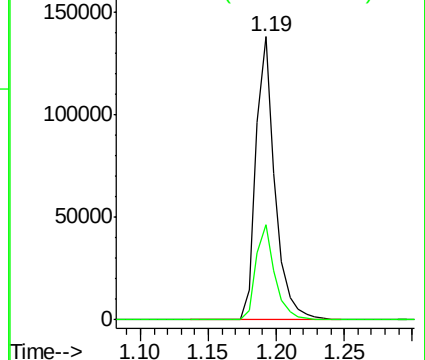
85 100

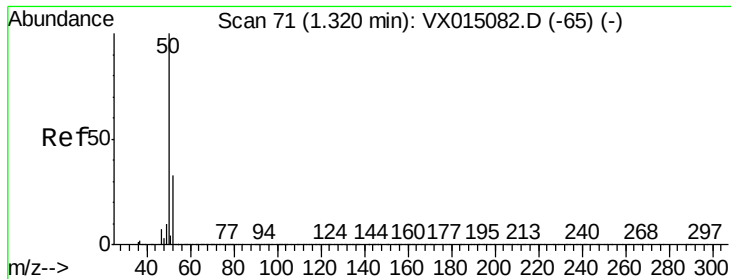
87 33.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.62 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 191288

Ion Ratio Lower Upper

50 100

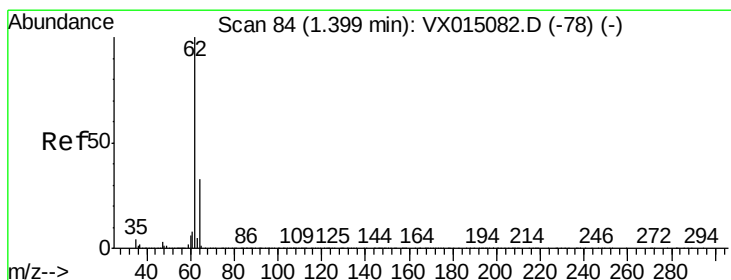
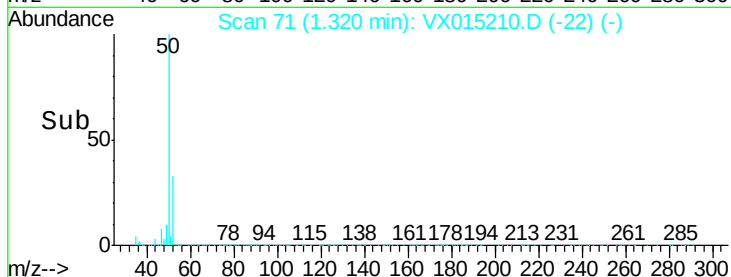
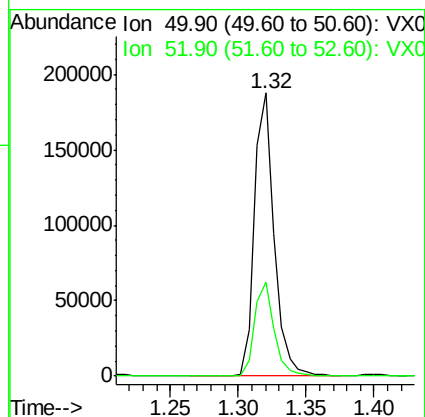
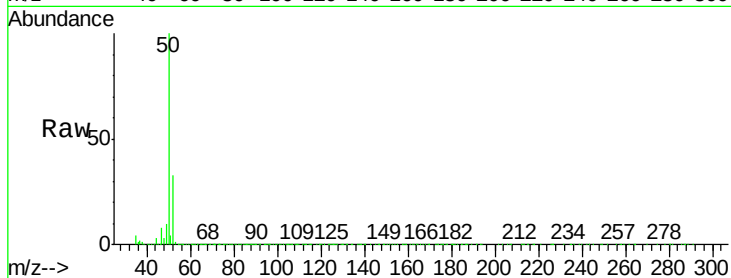
52 33.0 26.2 39.2

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#4

Vinyl Chloride

Concen: 47.01 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015210.D

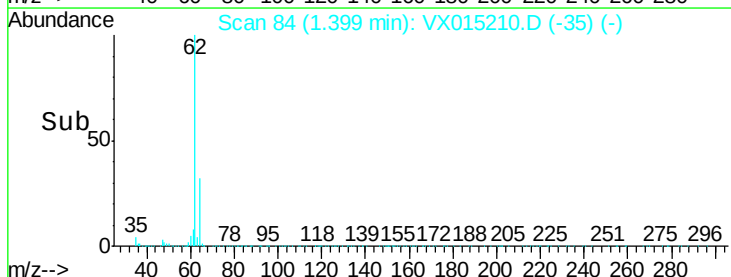
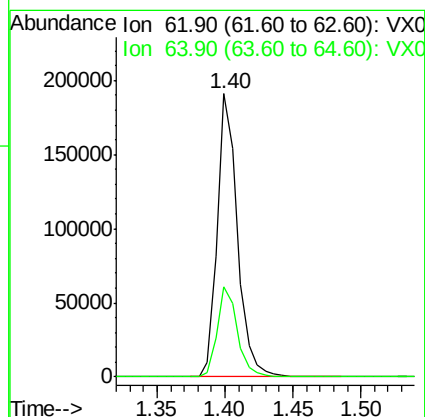
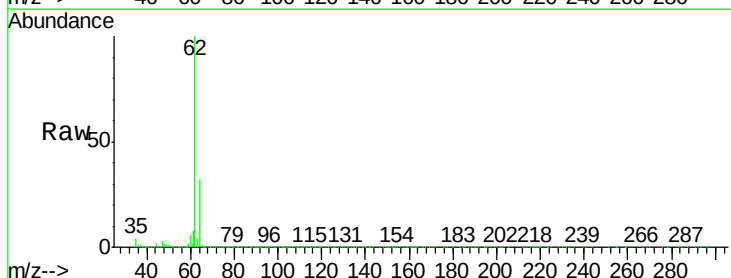
Acq: 11 Mar 2020 18:48

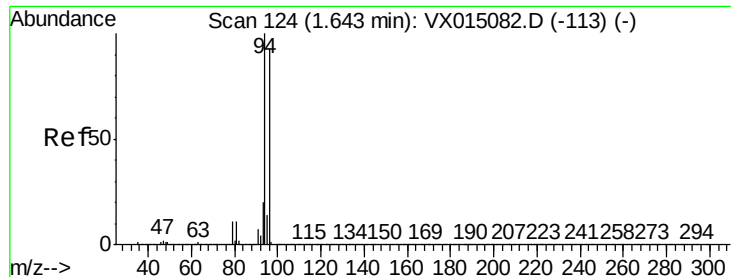
Tgt Ion: 62 Resp: 195586

Ion Ratio Lower Upper

62 100

64 31.8 26.1 39.1





#5

Bromomethane

Concen: 42.86 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 109608

Ion Ratio Lower Upper

94 100

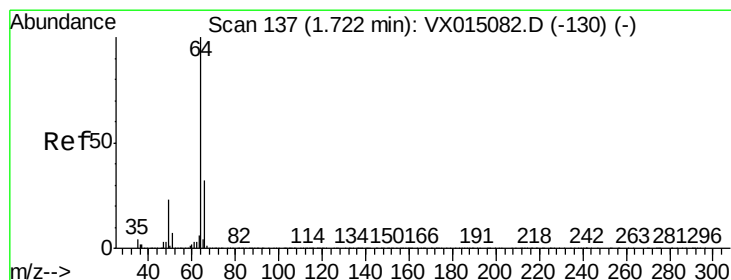
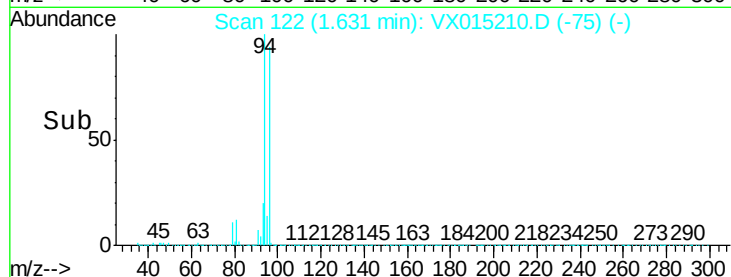
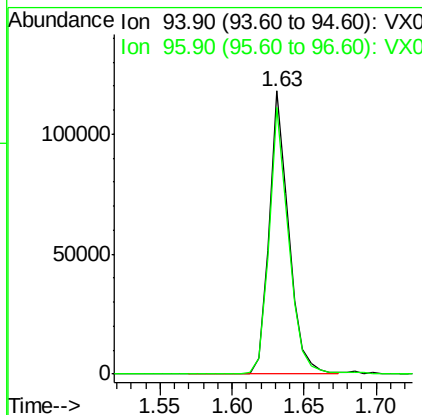
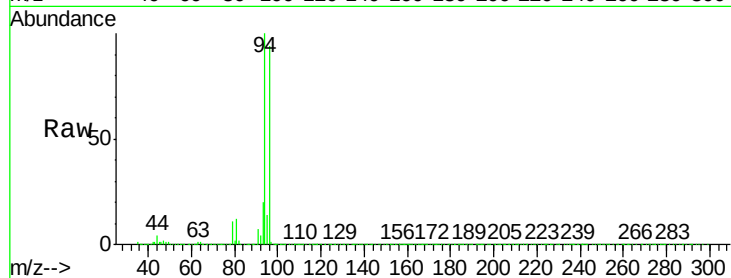
96 94.0 74.6 111.8

Manual Integrations

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3/12/2020 2:50:52 PM



#6

Chloroethane

Concen: 46.66 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015210.D

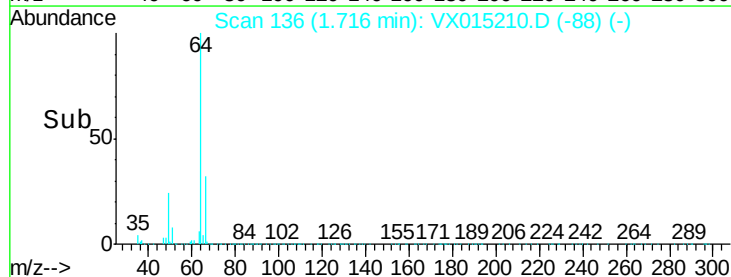
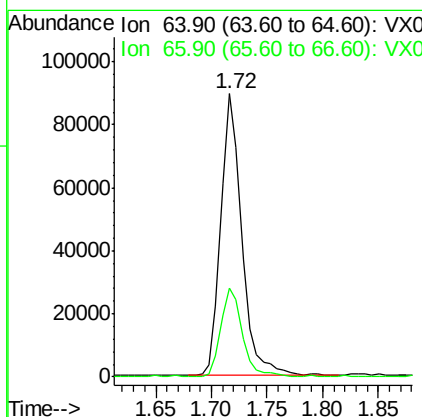
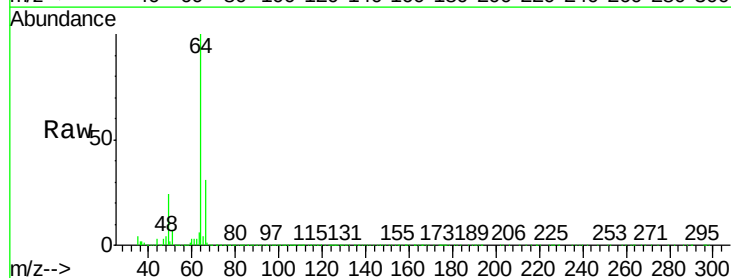
Acq: 11 Mar 2020 18:48

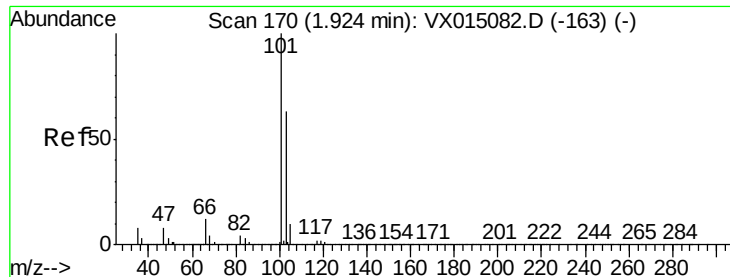
Tgt Ion: 64 Resp: 116430

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.8





#7

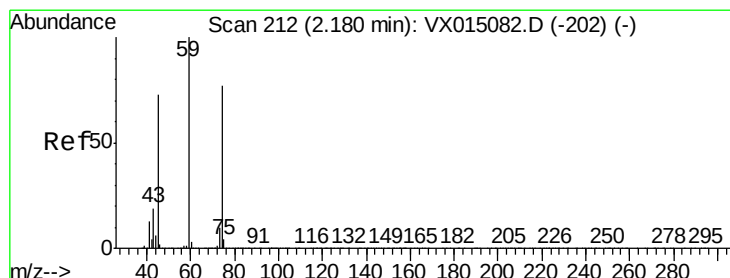
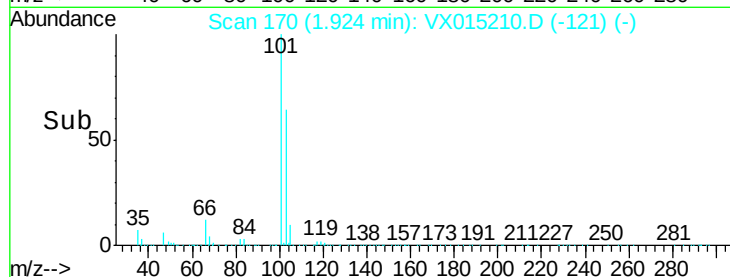
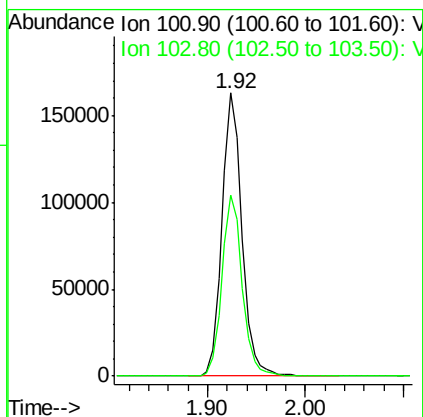
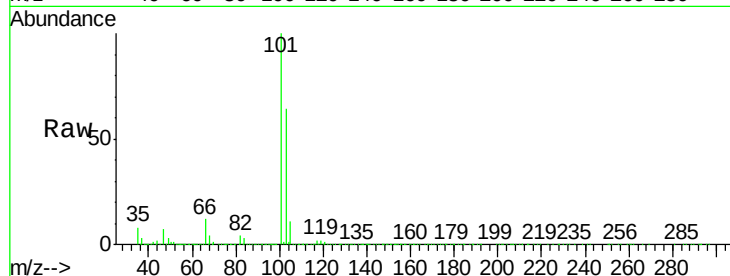
Trichlorofluoromethane
Concen: 46.59 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

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ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.4	75.6

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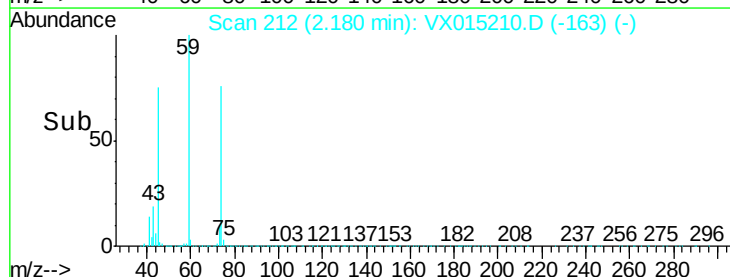
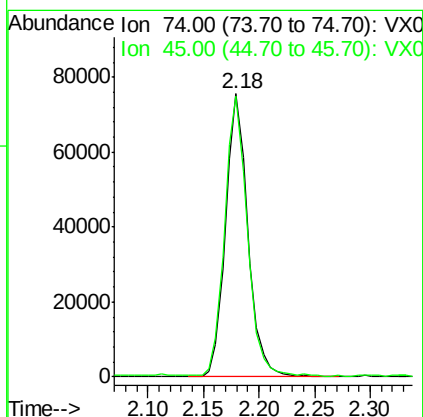
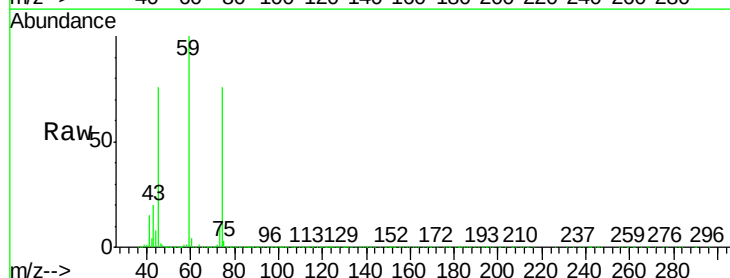
MMDadoda
3/12/2020 2:50:52 PM

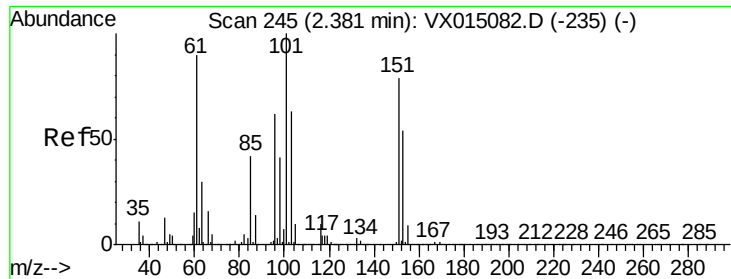


#8

Diethyl Ether
Concen: 46.67 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.98 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

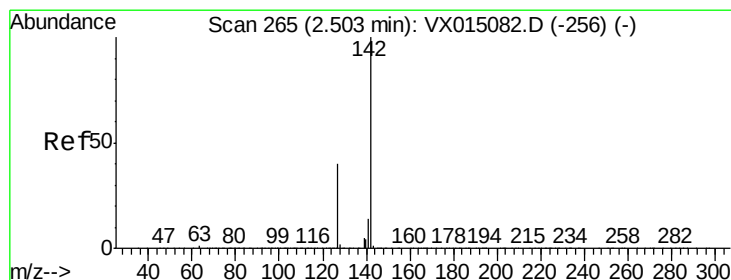
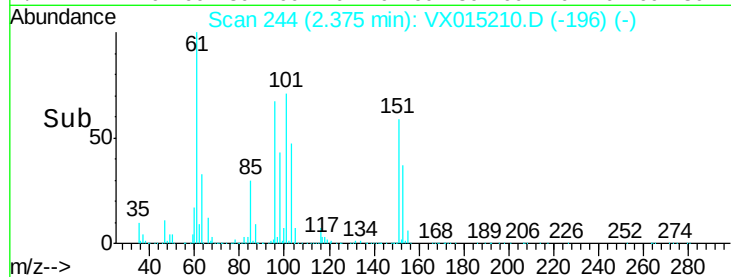
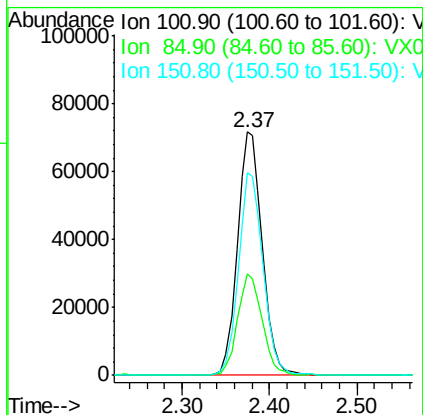
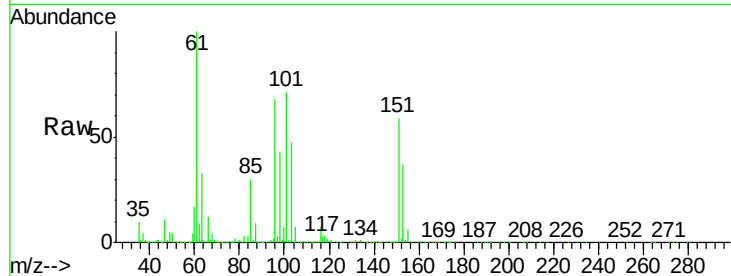
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	140082
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.7	50.5
151	83.0	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 40.14 ug/l

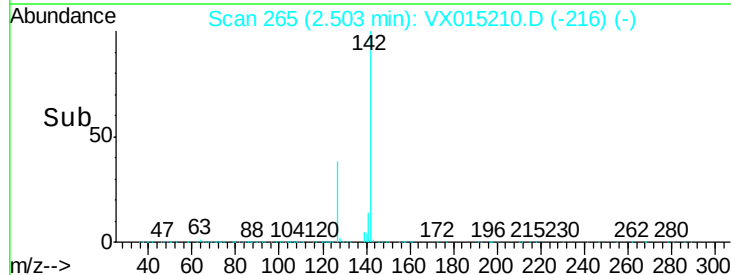
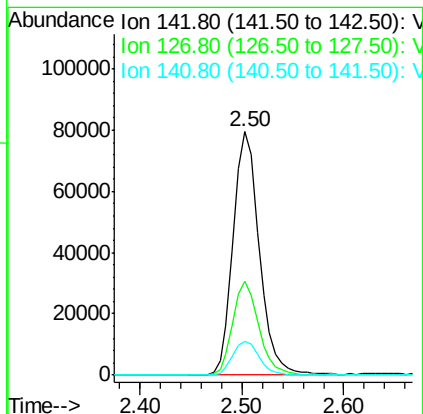
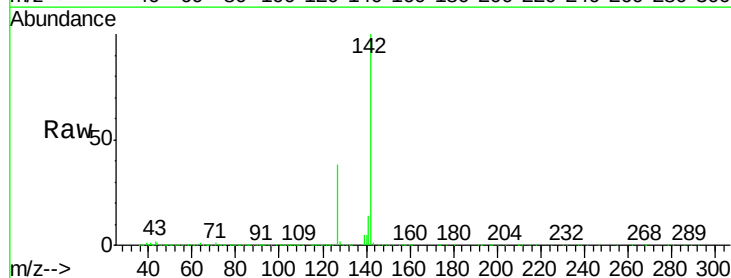
RT: 2.50 min Scan# 265

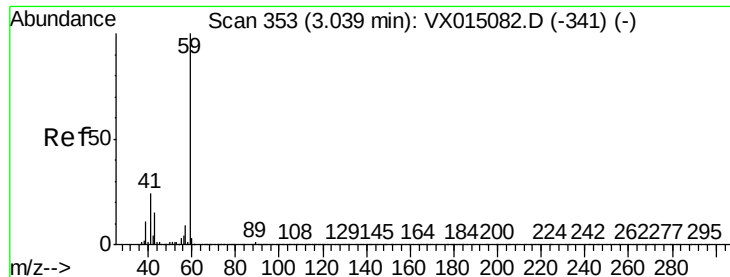
Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Tgt Ion:	142	Resp:	141222
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.7	47.5
141	14.5	11.3	16.9





#11

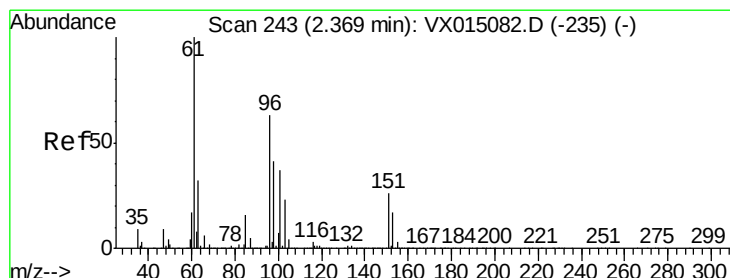
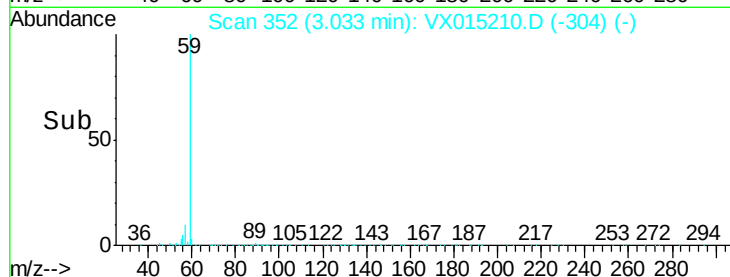
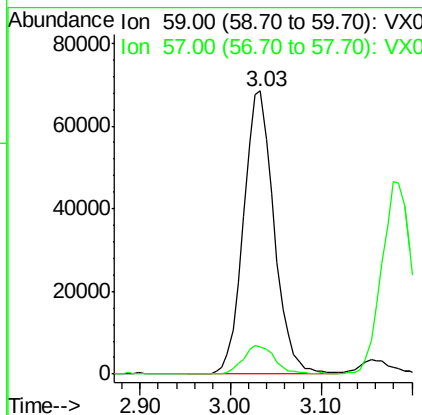
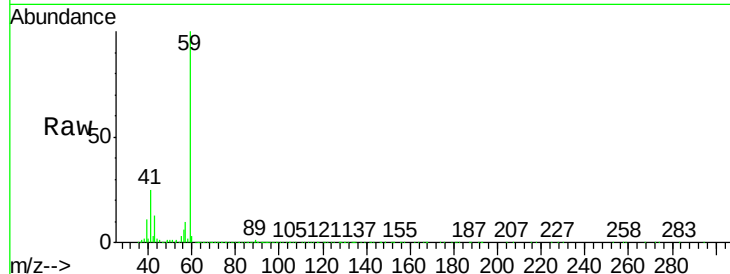
Tert butyl alcohol
Concen: 235.00 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	159993		
57	9.9		8.2	12.4

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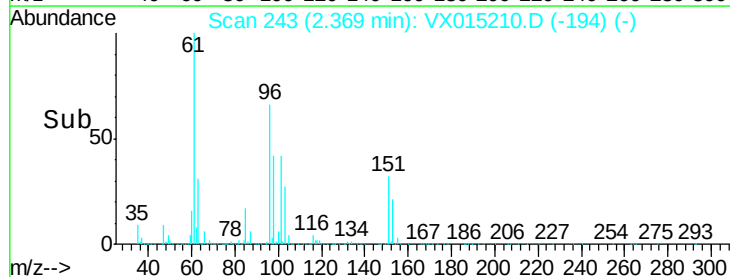
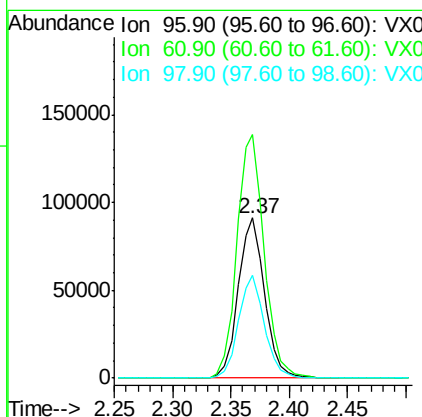
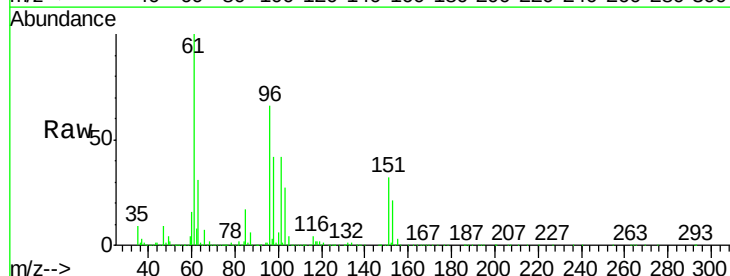
MMDadoda
3/12/2020 2:50:52 PM

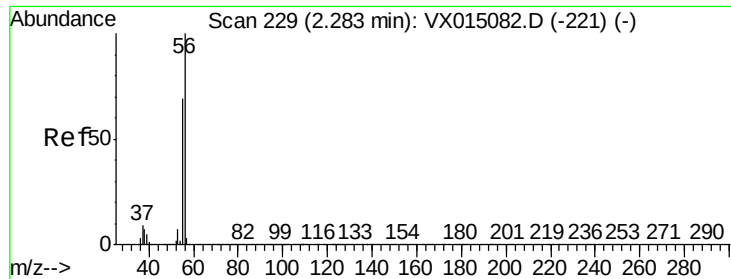


#12

1,1-Dichloroethene
Concen: 44.89 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	144280		
61	152.1		126.2	189.4
98	64.0		51.4	77.0





#13

Acrolein

Concen: 209.42 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 133990

Ion Ratio Lower Upper

56 100

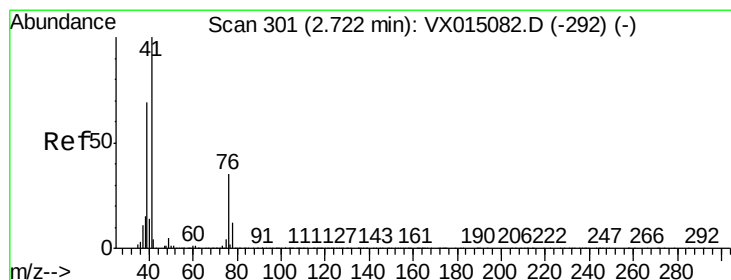
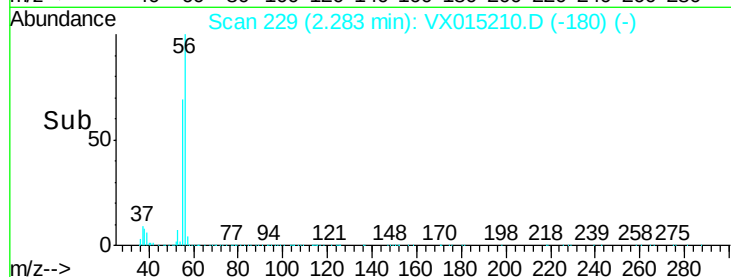
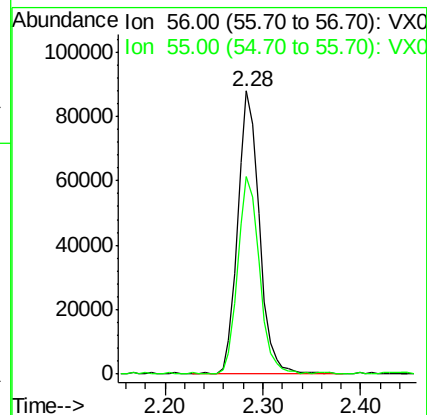
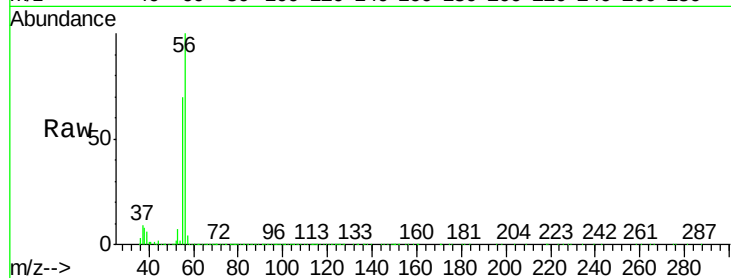
55 70.0 55.4 83.0

Manual Integrations

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#14

Allyl chloride

Concen: 45.63 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

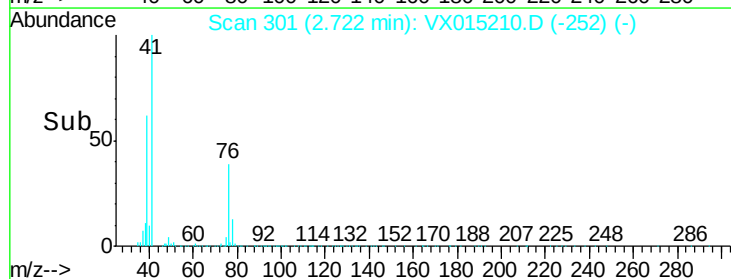
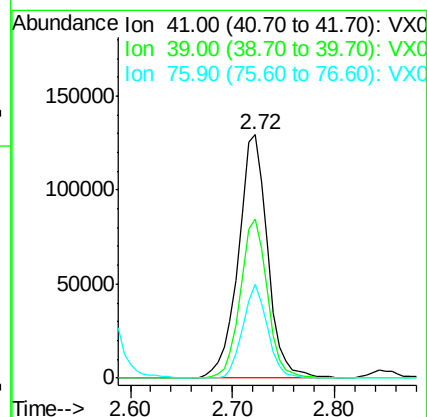
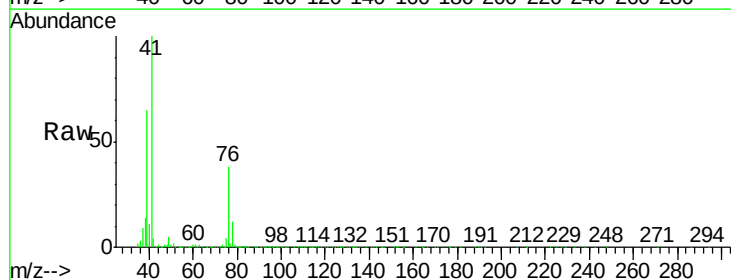
Tgt Ion: 41 Resp: 255722

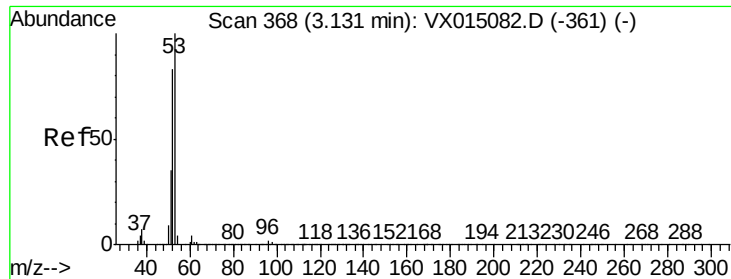
Ion Ratio Lower Upper

41 100

39 60.7 52.9 79.3

76 32.3 26.8 40.2





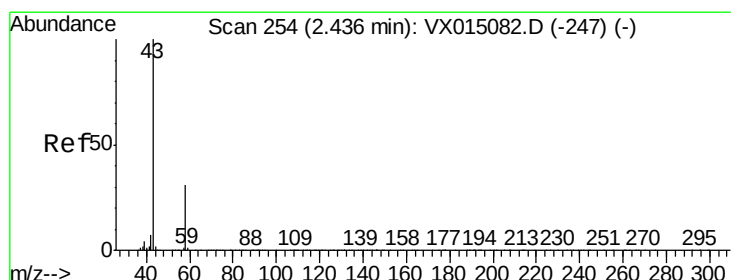
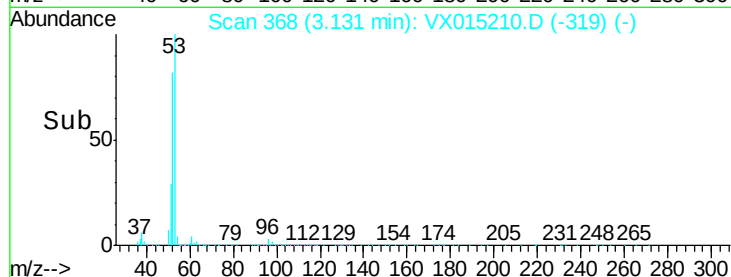
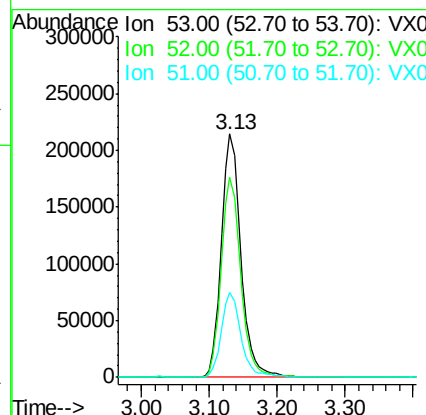
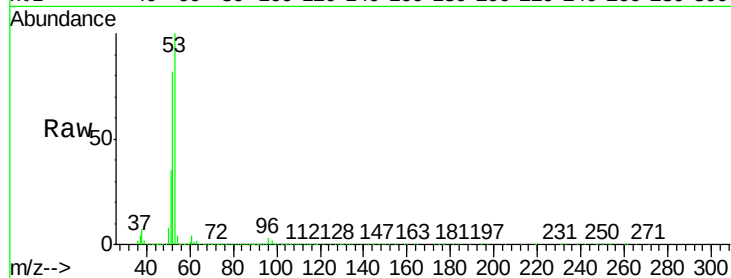
#15
Acrylonitrile
Concen: 252.78 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.6	100.0
51	35.0	29.0	43.6

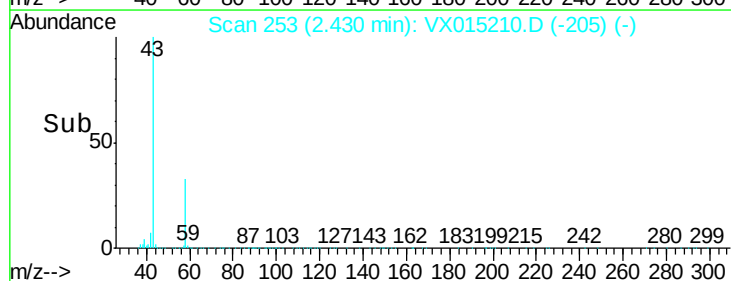
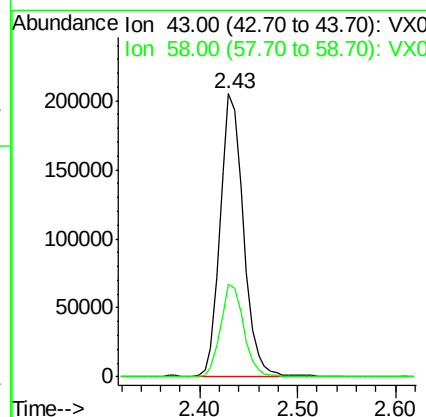
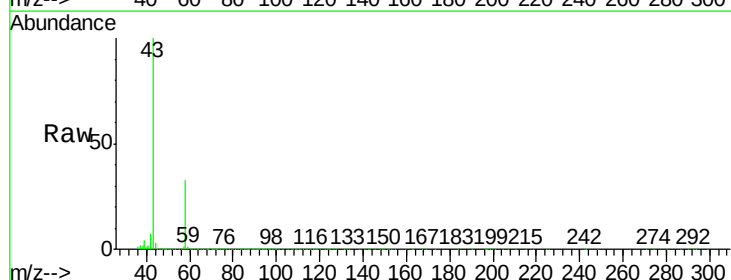
Manual Integrations
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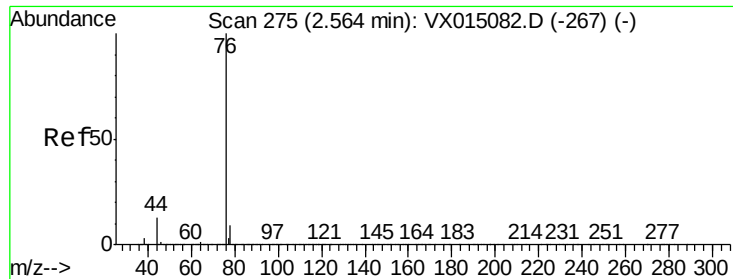
MMDadoda
3/12/2020 2:50:52 PM



#16
Acetone
Concen: 212.30 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.9	24.8	37.2





#17

Carbon Disulfide

Concen: 40.85 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 364666

Ion Ratio Lower Upper

76 100

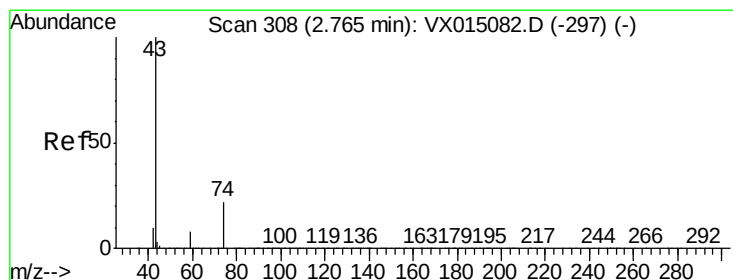
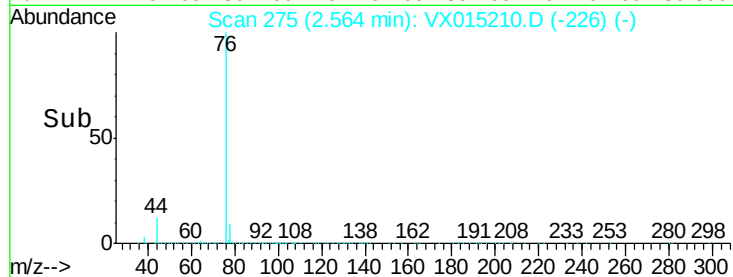
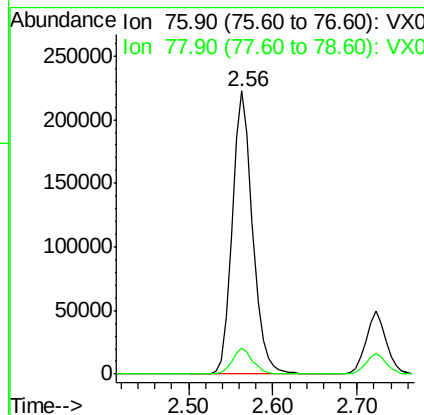
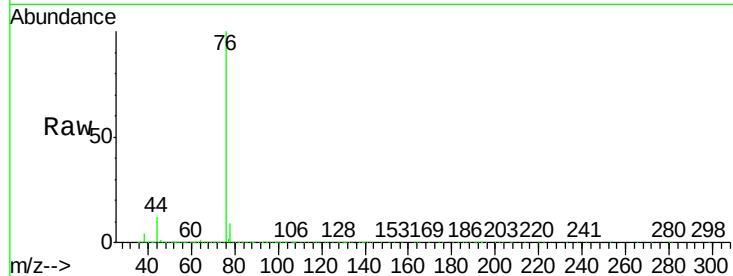
78 9.1 7.3 10.9

Manual Integrations

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3/12/2020 2:50:52 PM



#18

Methyl Acetate

Concen: 46.71 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015210.D

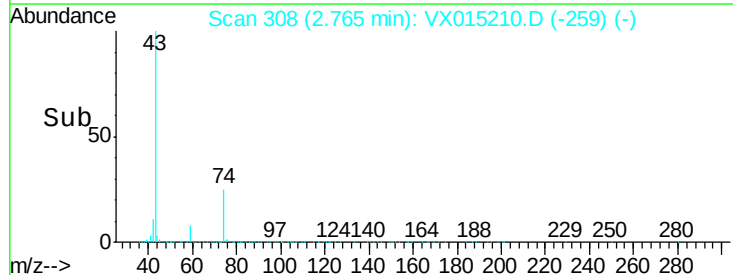
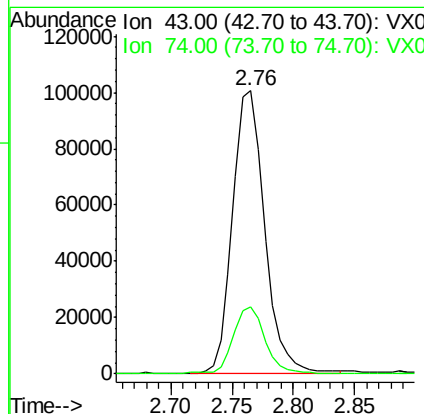
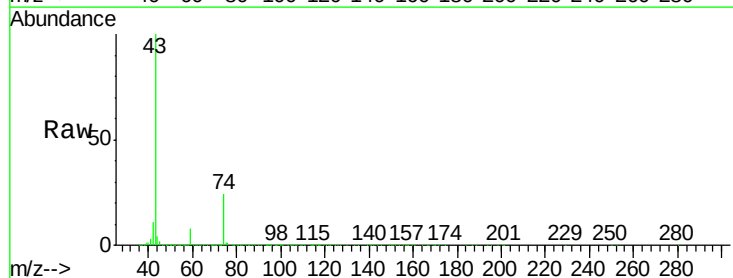
Acq: 11 Mar 2020 18:48

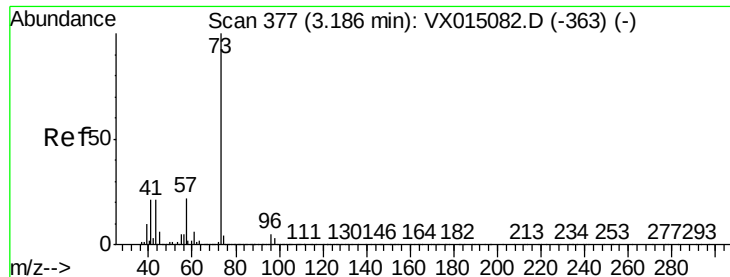
Tgt Ion: 43 Resp: 181493

Ion Ratio Lower Upper

43 100

74 24.1 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 47.39 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Tgt Ion: 73 Resp: 476001

Ion Ratio Lower Upper

73 100

57 22.2 17.8 26.6

Instrument :

MSVOA_X

ClientSampleId :

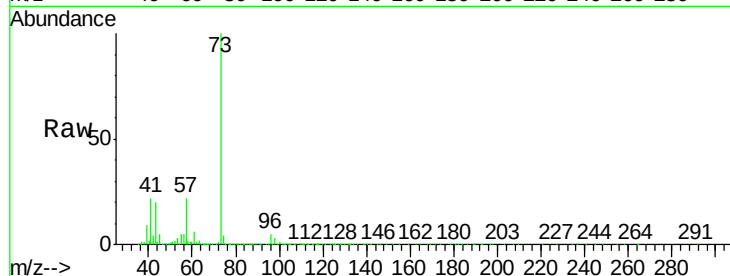
VSTDCCC050EC

Manual Integrations

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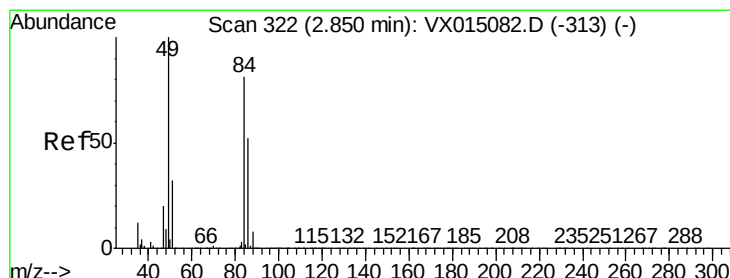
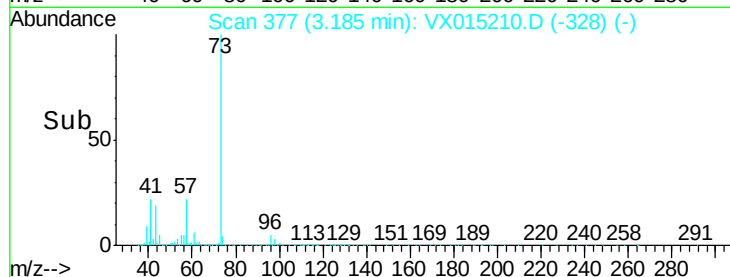
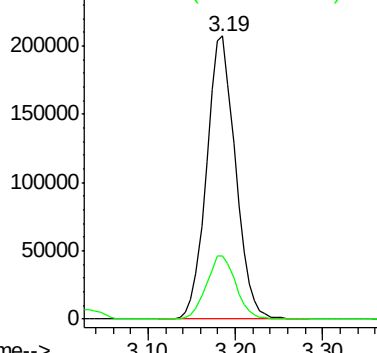
MMDadoda

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Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 43.77 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Tgt Ion: 84 Resp: 162771

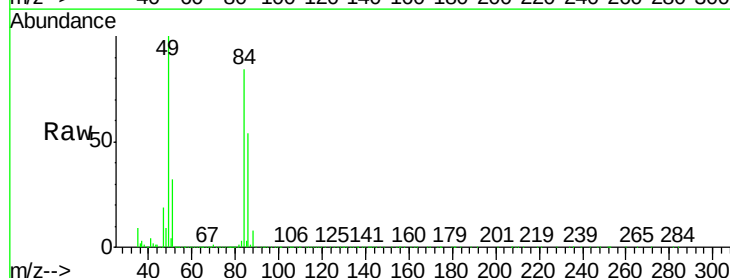
Ion Ratio Lower Upper

84 100

49 119.0 99.4 149.2

51 37.7 31.5 47.3

86 64.3 51.6 77.4

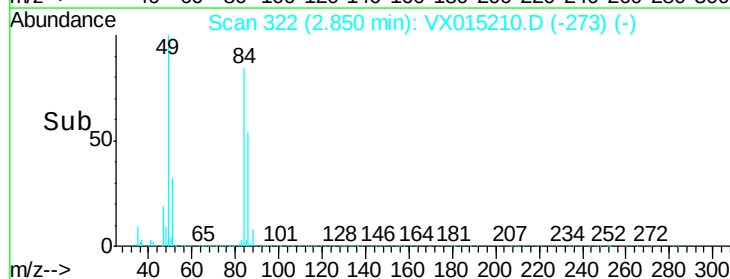
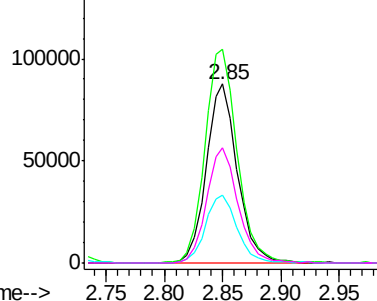


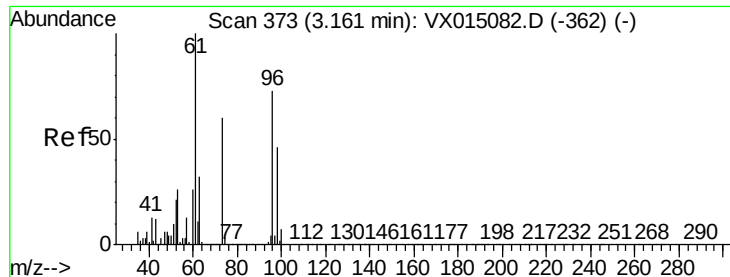
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 45.19 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

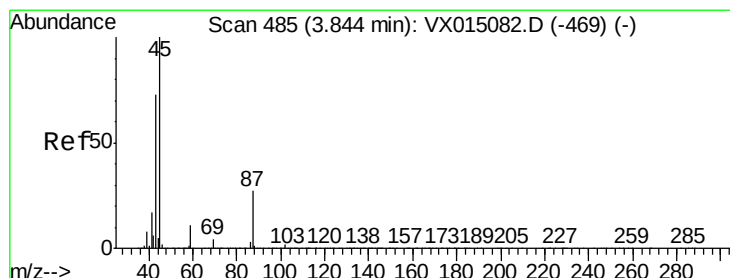
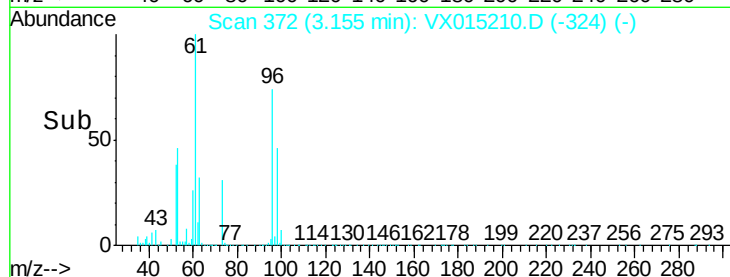
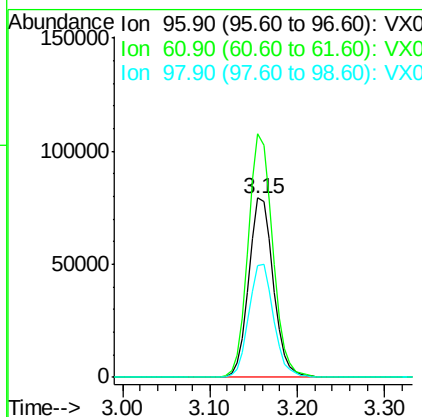
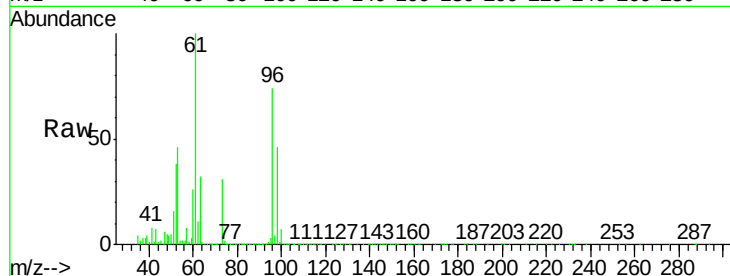
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	155109
Ion	Ratio	Lower	Upper
96	100		
61	135.9	109.9	164.9
98	62.5	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.83 ug/l

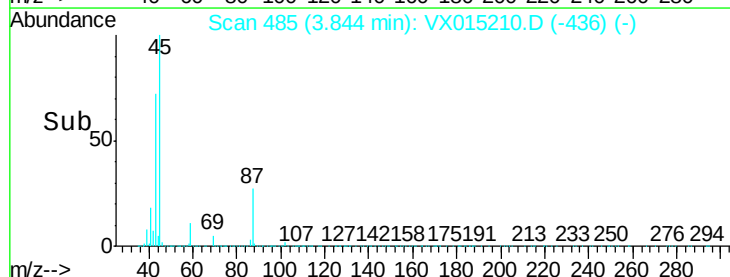
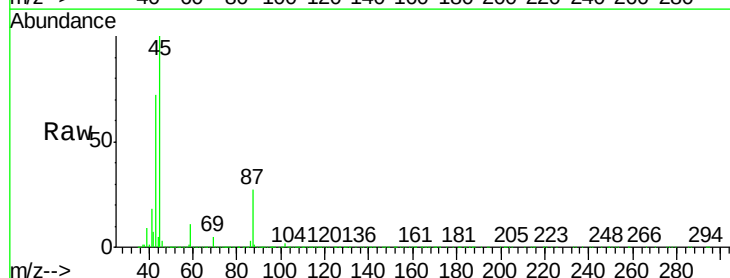
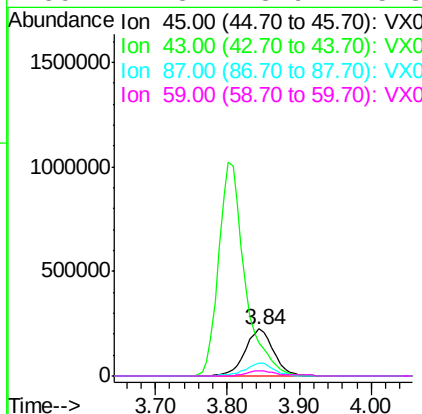
RT: 3.84 min Scan# 485

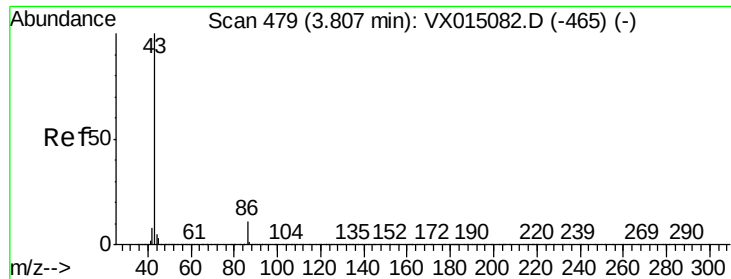
Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Tgt Ion:	45	Resp:	612255
Ion	Ratio	Lower	Upper
45	100		
43	71.8	58.2	87.2
87	26.5	21.2	31.8
59	11.3	8.9	13.3





#23

Vinyl Acetate

Concen: 282.81 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2595805

Ion Ratio Lower Upper

43 100

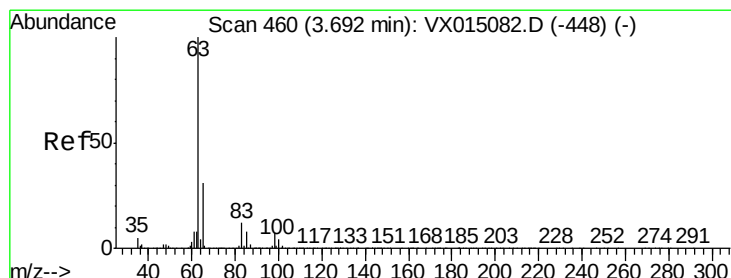
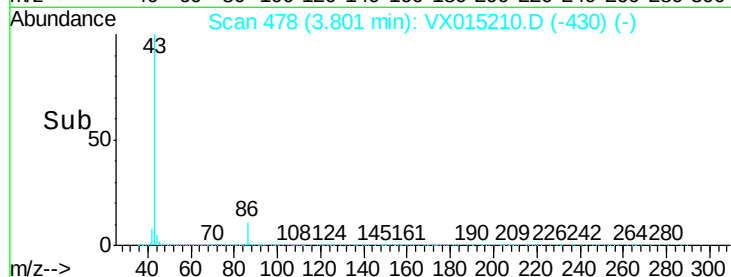
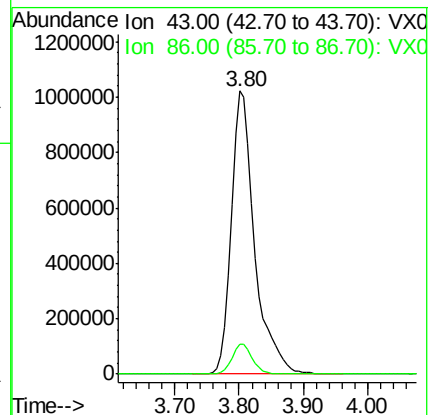
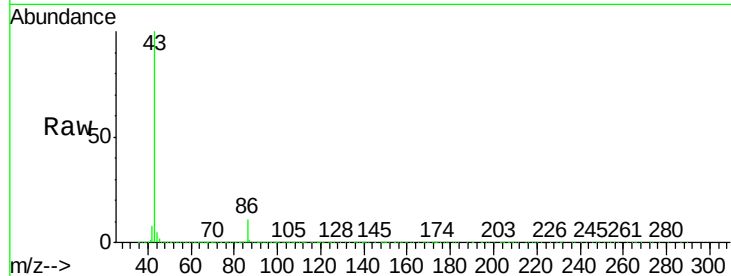
86 10.8 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.55 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

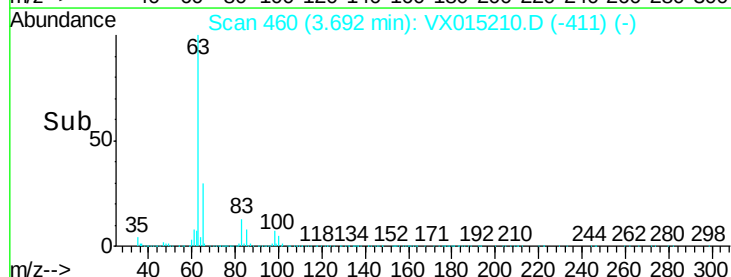
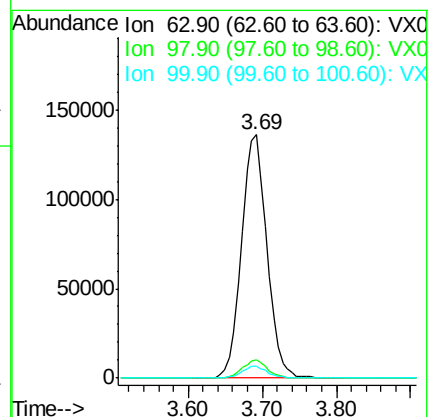
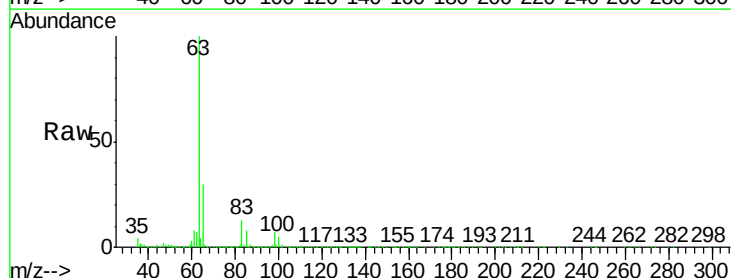
Tgt Ion: 63 Resp: 325638

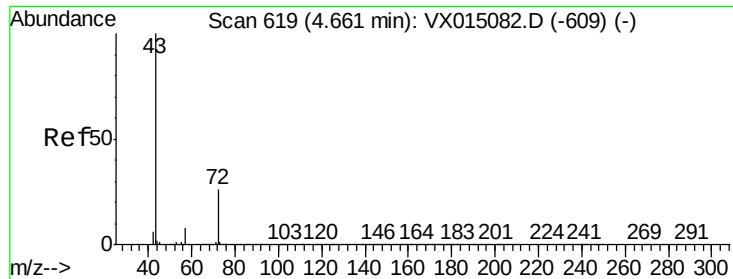
Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

100 5.1 2.1 6.5





#25

2-Butanone

Concen: 273.30 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 635826

Ion Ratio Lower Upper

43 100

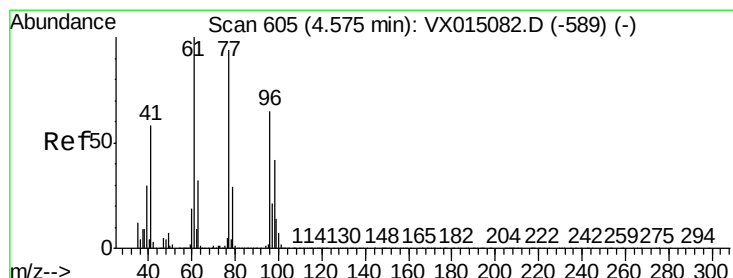
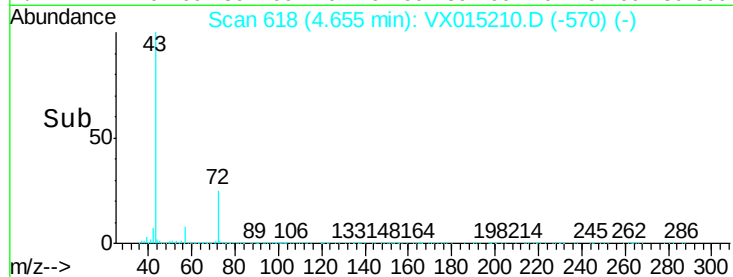
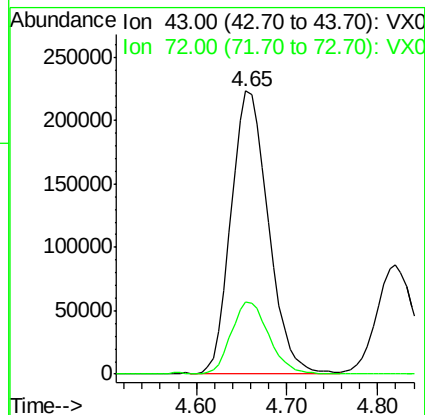
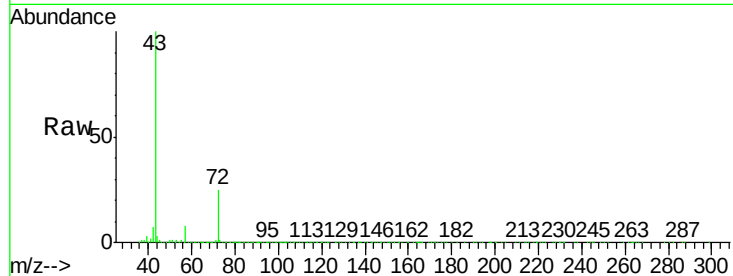
72 25.2 20.6 30.8

Manual Integrations

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MMDadoda

3/12/2020 2:50:52 PM



#26

2,2-Dichloropropane

Concen: 46.08 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015210.D

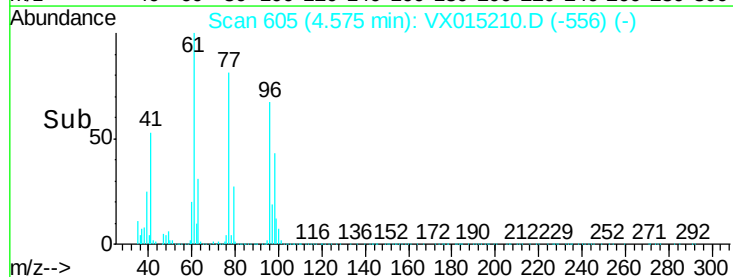
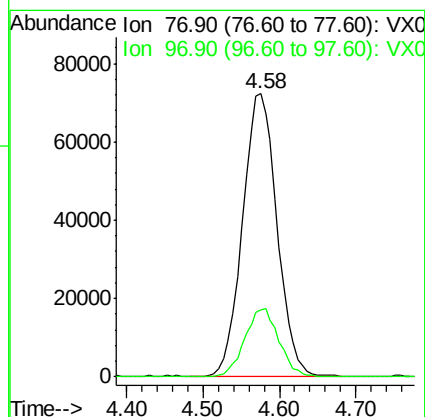
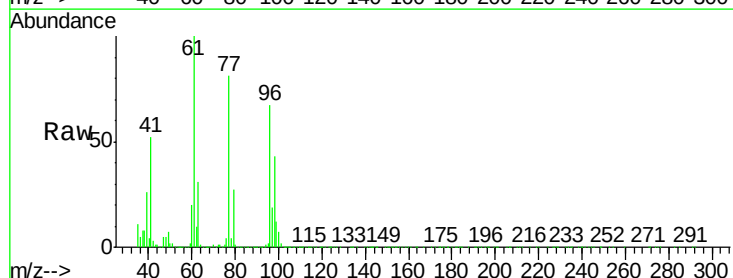
Acq: 11 Mar 2020 18:48

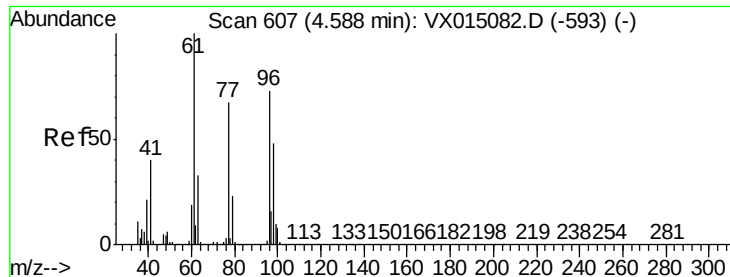
Tgt Ion: 77 Resp: 226690

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 51.76 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

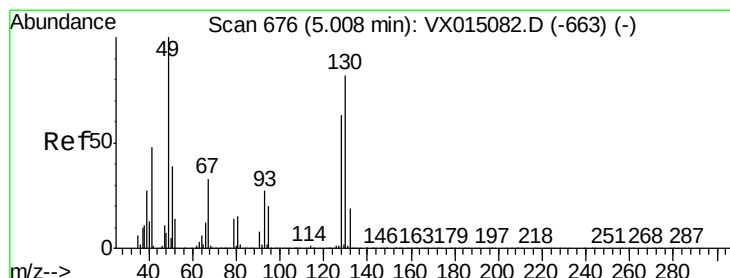
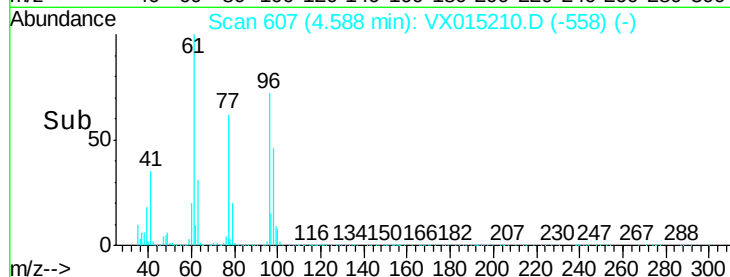
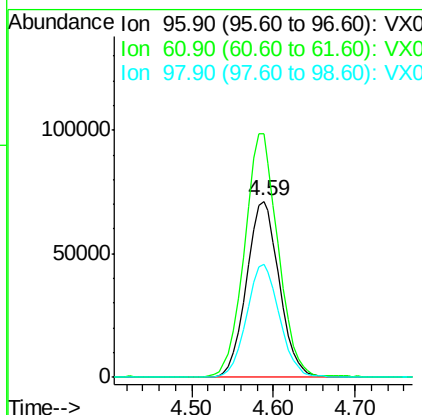
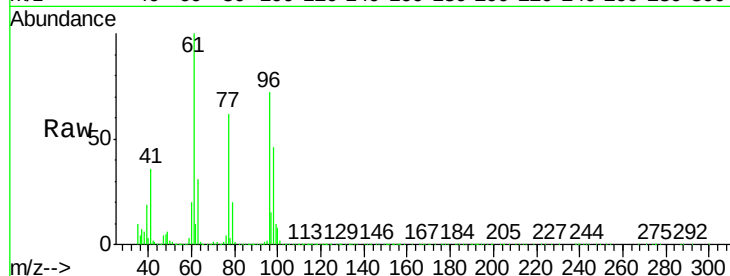
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	199310
Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	286.8
98	64.5	0.0	128.4

Manual Integrations
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#28

Bromochloromethane

Concen: 53.97 ug/l

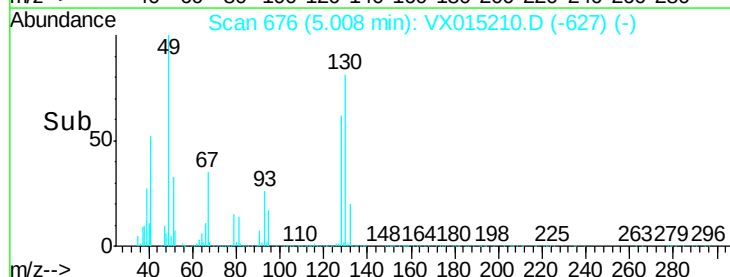
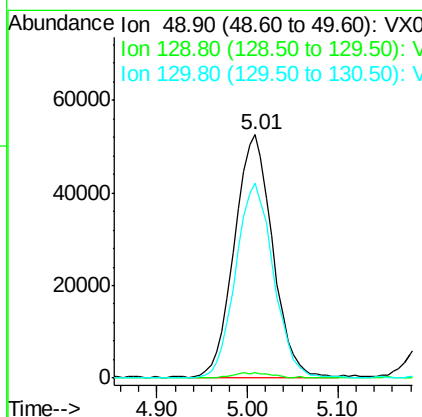
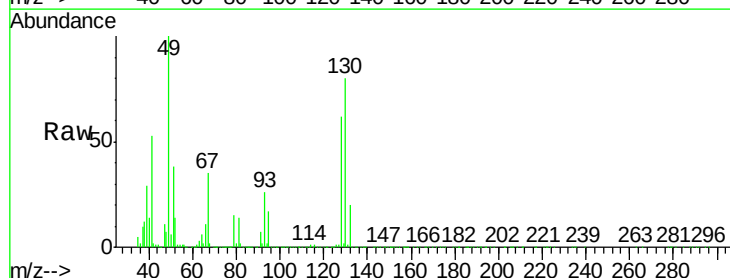
RT: 5.01 min Scan# 676

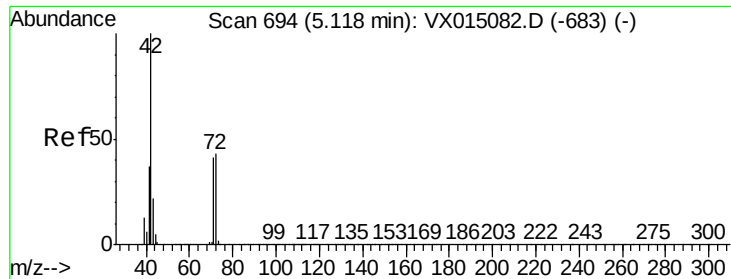
Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Tgt Ion:	49	Resp:	152310
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.4
130	80.6	65.0	97.6





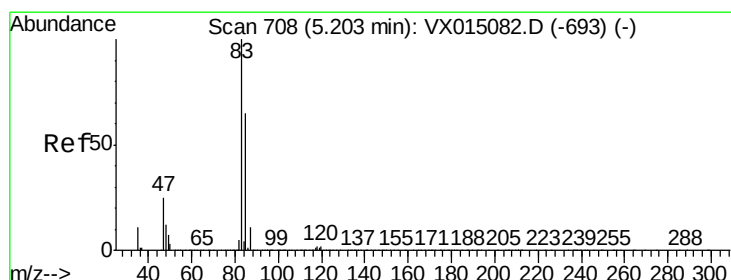
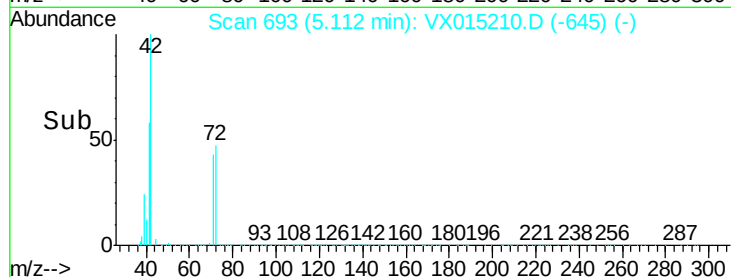
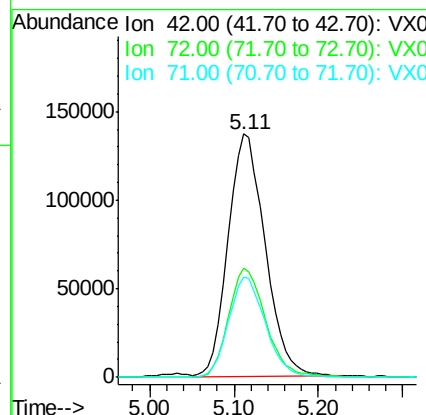
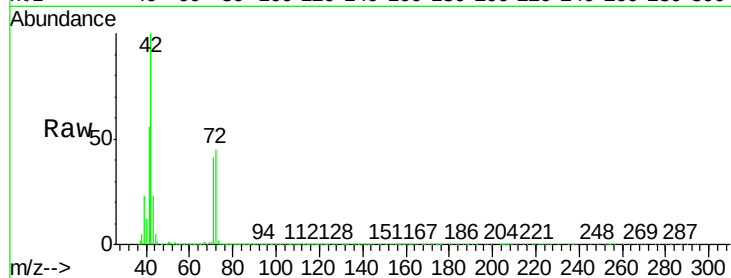
#29
Tetrahydrofuran
Concen: 274.44 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.4	54.6
71	40.8	33.3	49.9

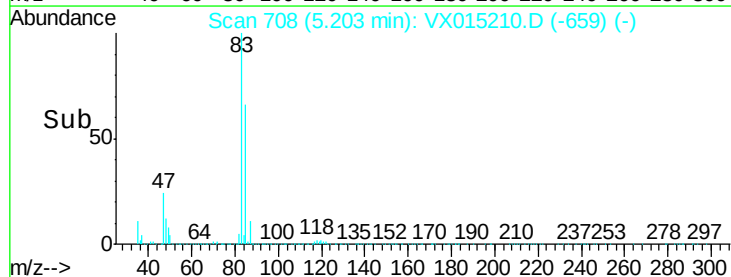
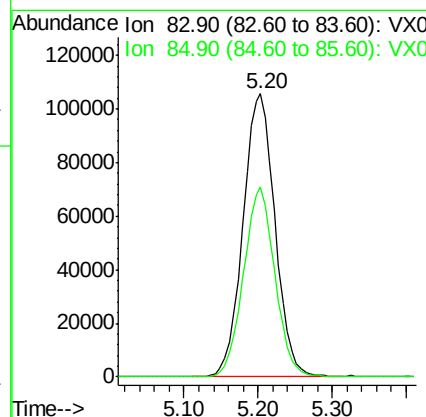
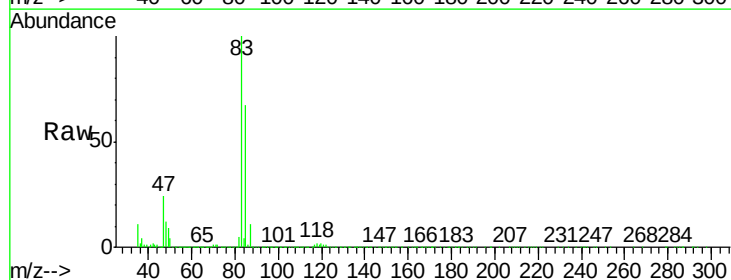
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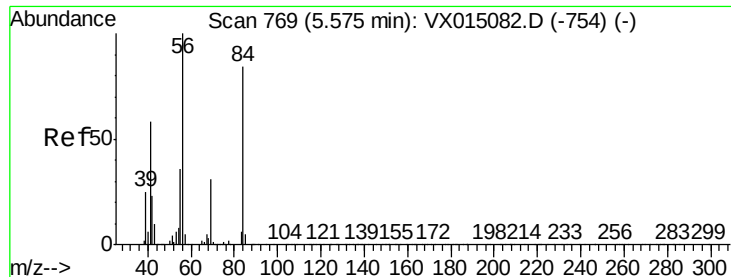
MMDadoda
3/12/2020 2:50:52 PM



#30
Chloroform
Concen: 52.41 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	52.0	78.0





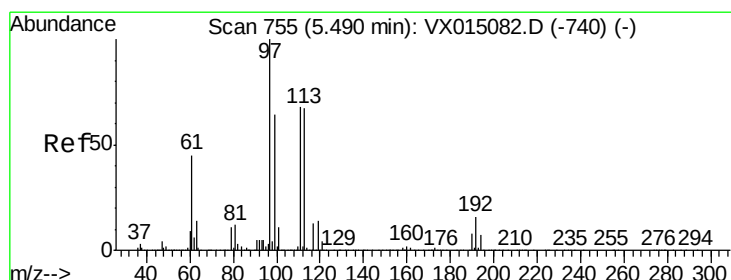
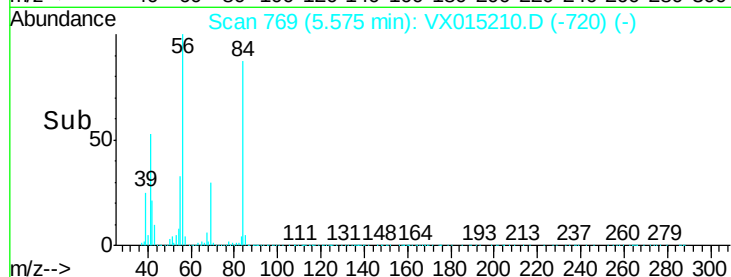
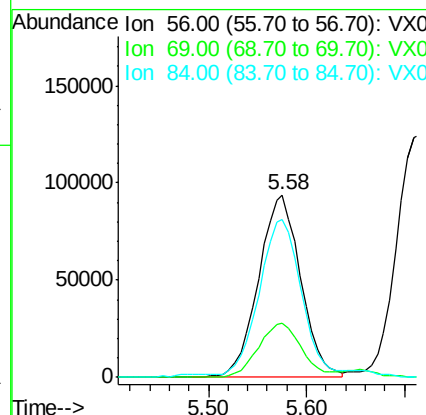
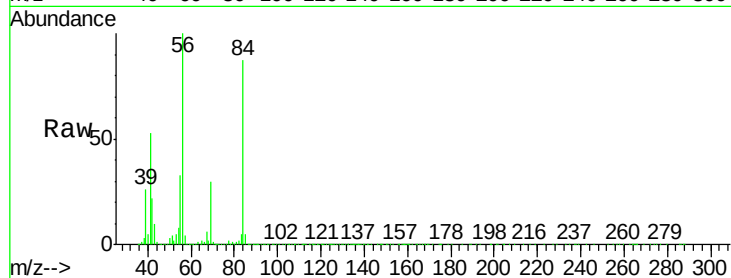
#31
Cyclohexane
Concen: 50.28 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.4	25.0	37.6
84	85.5	67.6	101.4

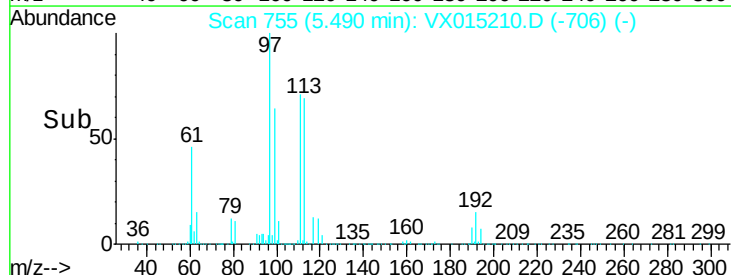
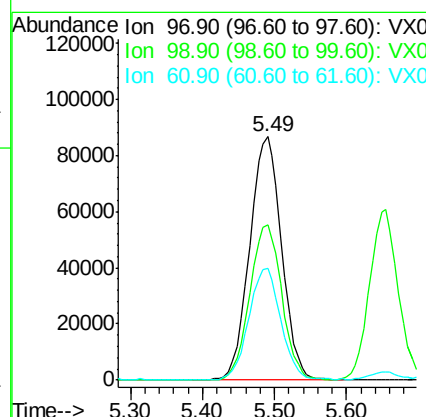
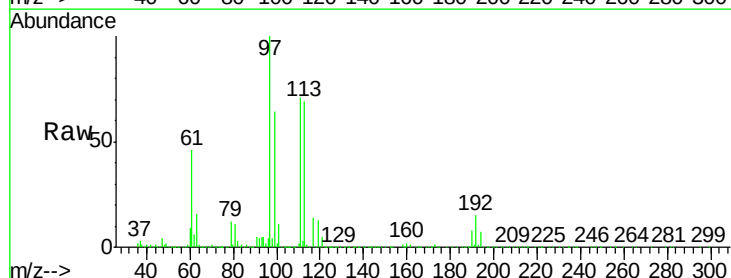
Manual Integrations
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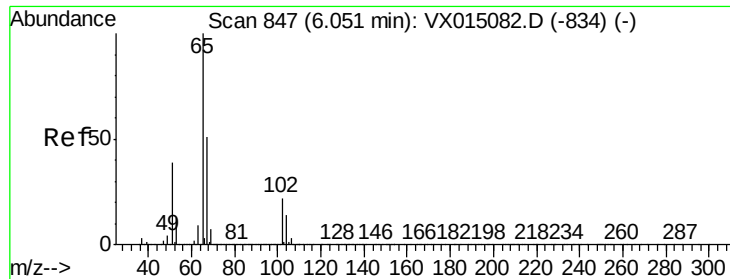
MMDadoda
3/12/2020 2:50:52 PM



#32
1,1,1-Trichloroethane
Concen: 53.41 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.8	79.2
61	45.8	36.6	54.8





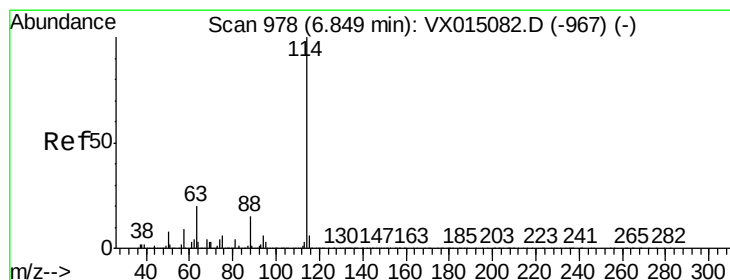
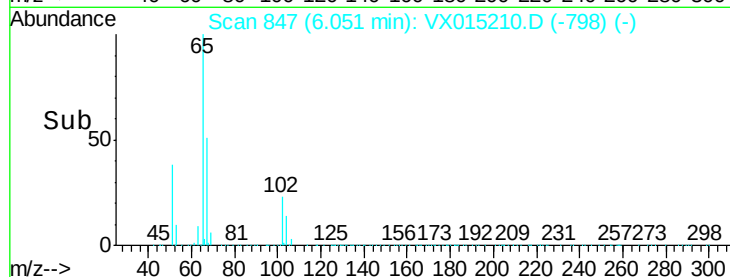
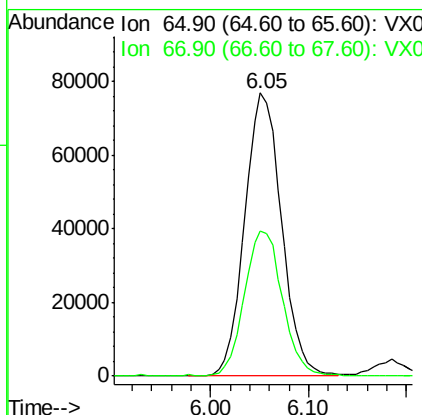
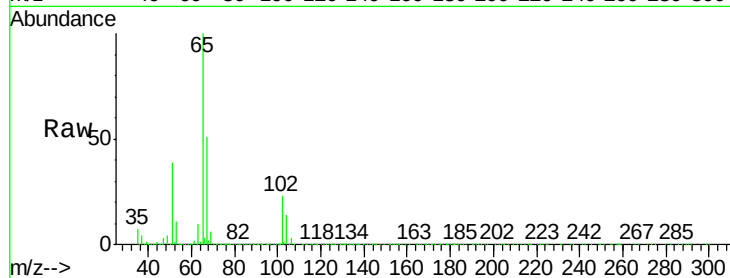
#33
 1,2-Dichloroethane-d4
 Concen: 51.13 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	200654		
67	52.6	0.0	105.6	

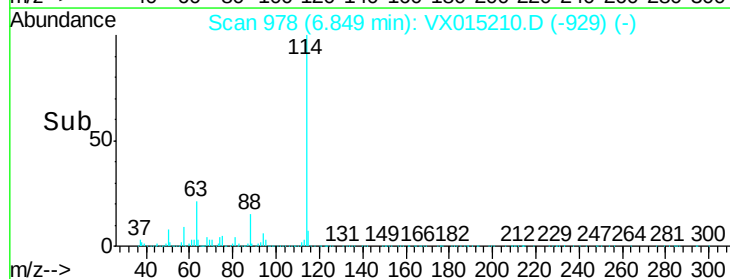
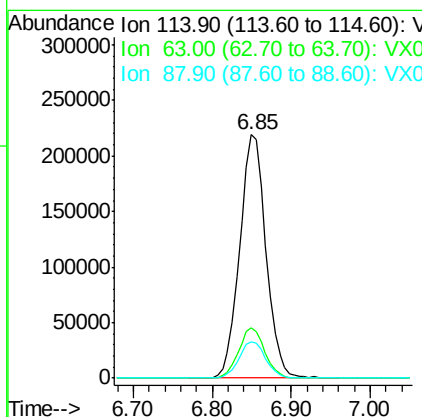
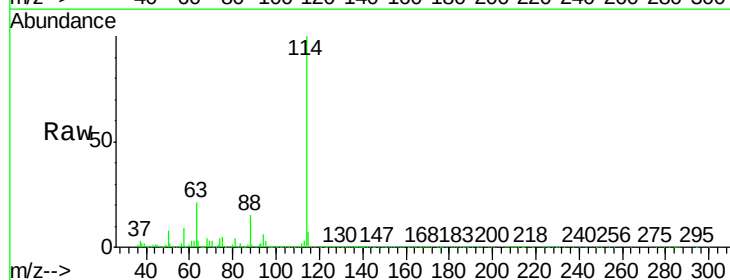
Manual Integrations
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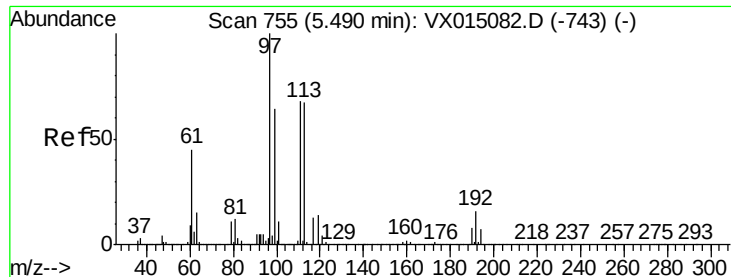
MMDadoda
 3/12/2020 2:50:52 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	507248		
63	20.7	0.0	40.0	
88	15.1	0.0	30.6	





#35

Dibromofluoromethane

Concen: 52.56 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

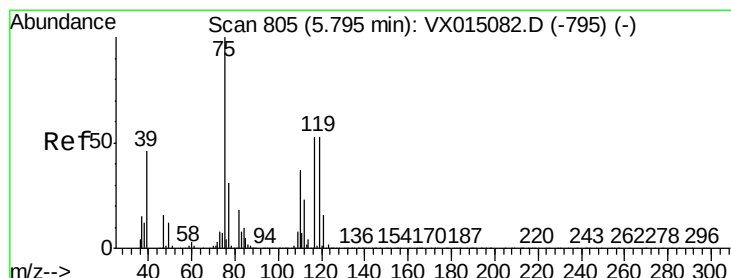
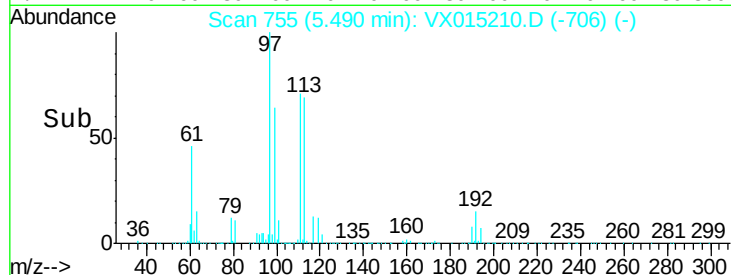
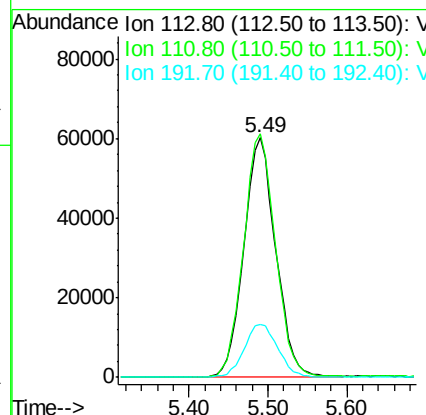
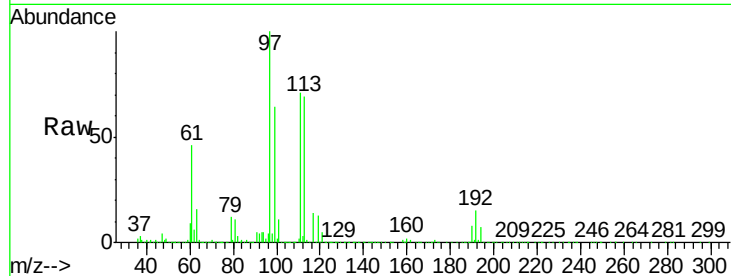
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	168193
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.6	123.8
192	23.6	18.6	28.0

Manual Integrations
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3/12/2020 2:50:52 PM



#36

1,1-Dichloropropene

Concen: 49.42 ug/l

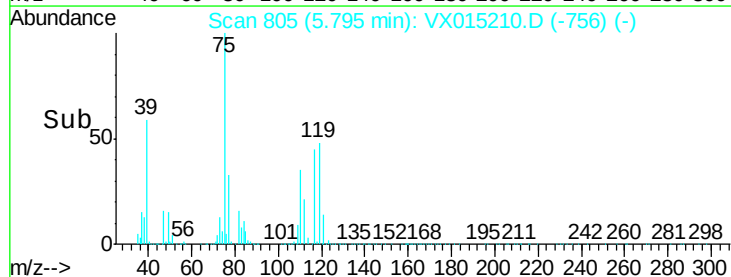
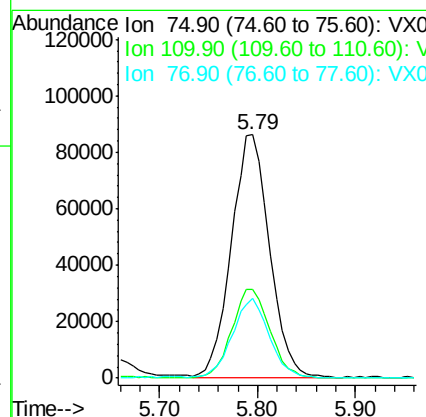
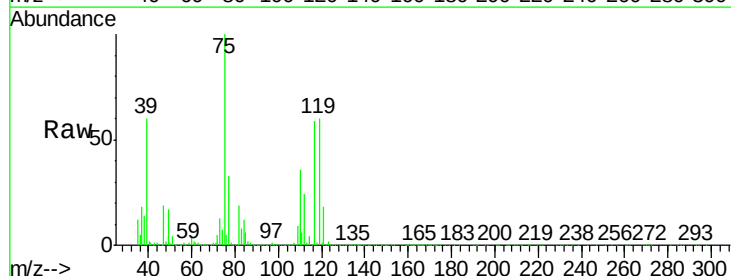
RT: 5.79 min Scan# 805

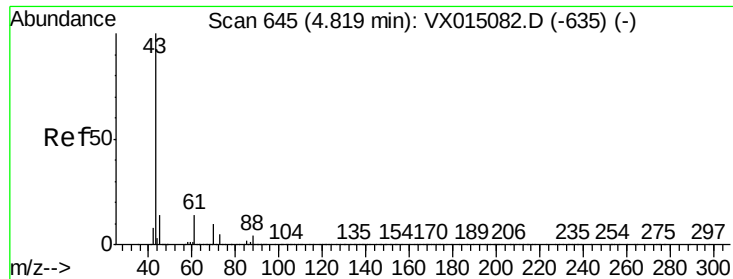
Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Tgt Ion:	75	Resp:	231755
Ion Ratio	Lower	Upper	
75	100		
110	36.5	17.9	53.8
77	31.2	24.8	37.2





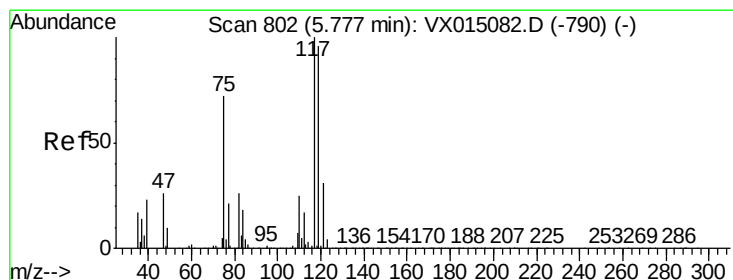
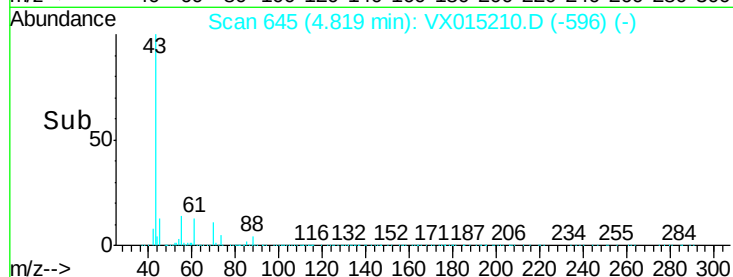
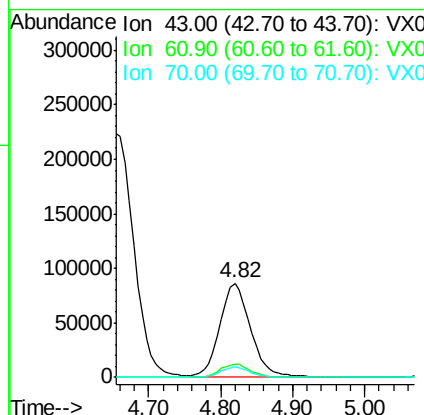
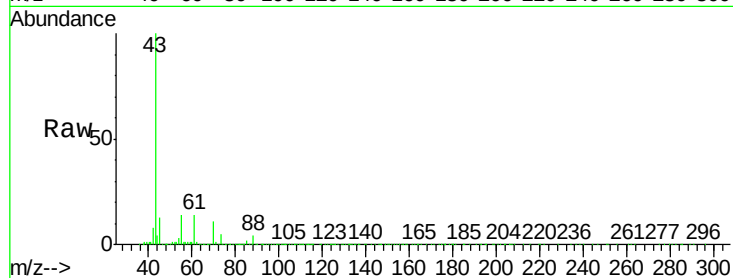
#37
Ethyl Acetate
Concen: 58.14 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.4	8.1	12.1

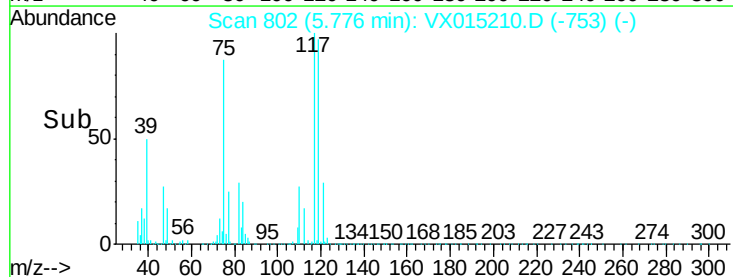
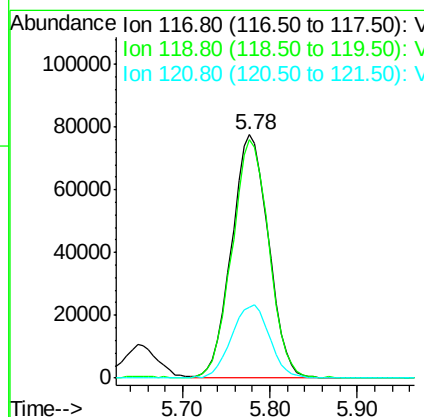
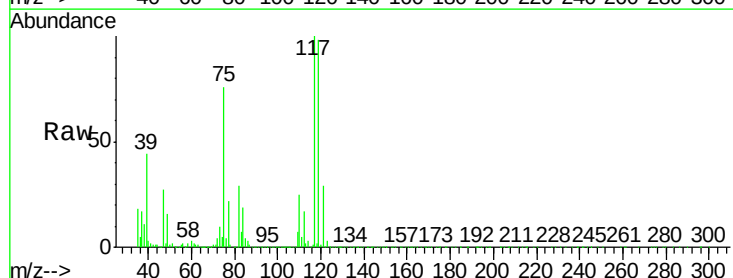
Manual Integrations
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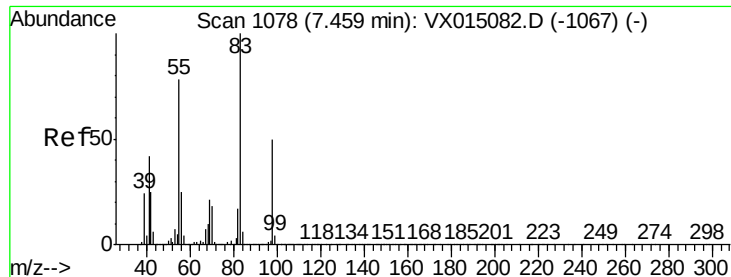
MMDadoda
3/12/2020 2:50:52 PM



#38
Carbon Tetrachloride
Concen: 51.25 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.9	115.3
121	28.6	24.6	37.0





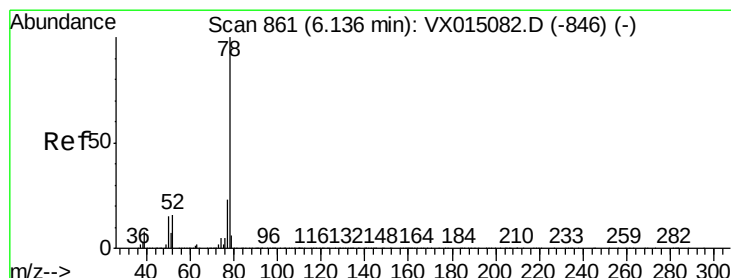
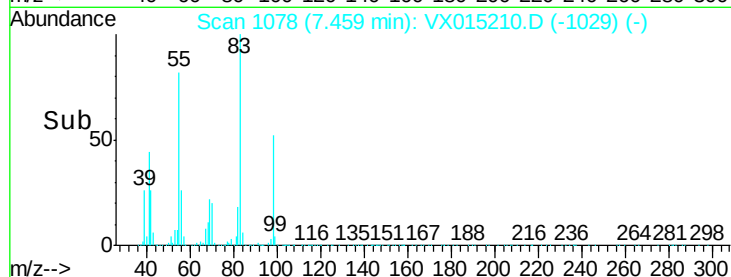
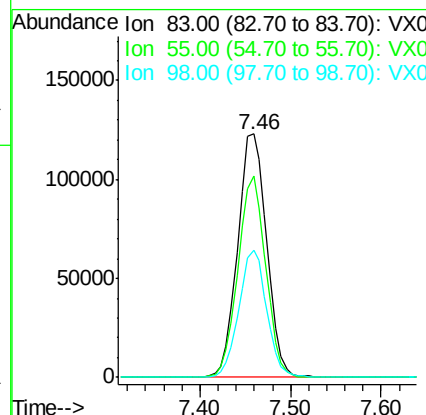
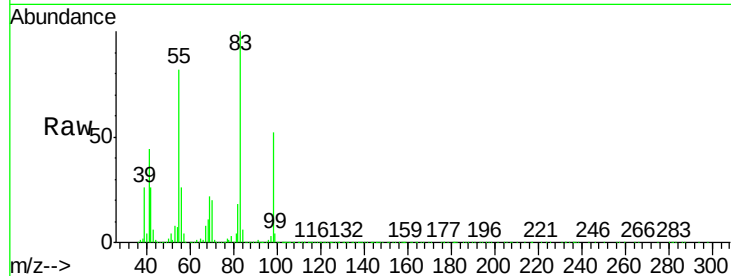
#39
Methylcyclohexane
Concen: 49.80 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.4	62.4	93.6
98	52.3	39.7	59.5

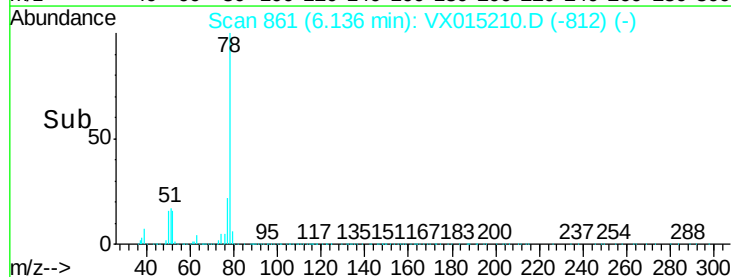
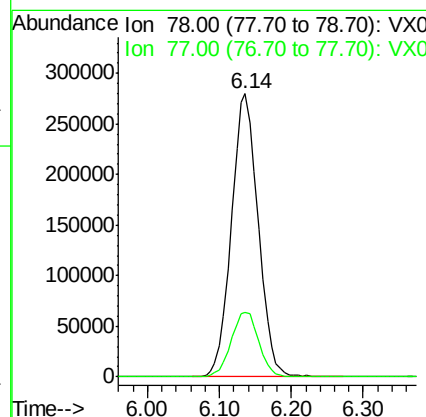
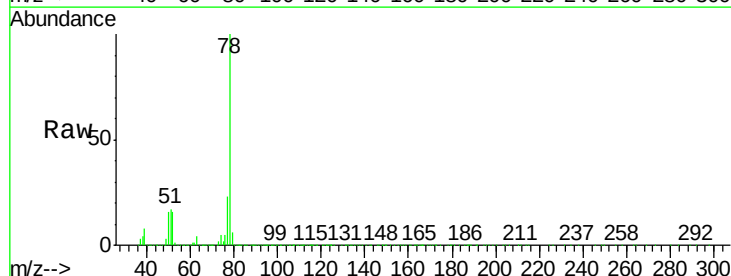
Manual Integrations
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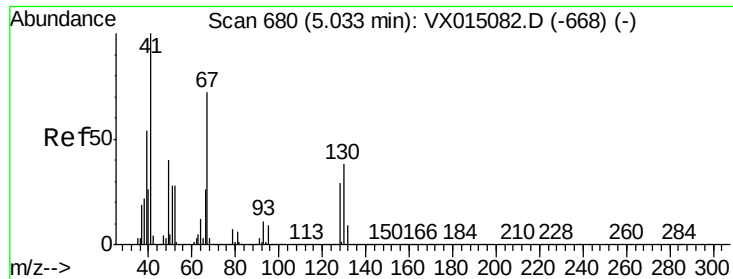
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#40
Benzene
Concen: 51.92 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	28.0





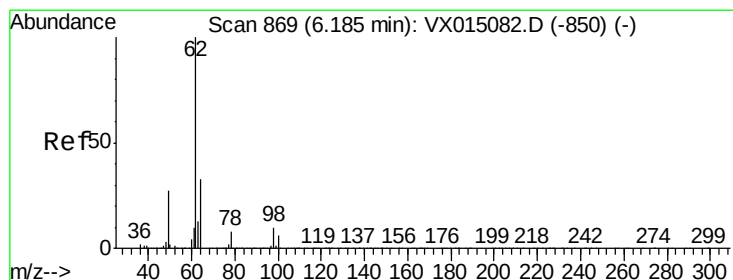
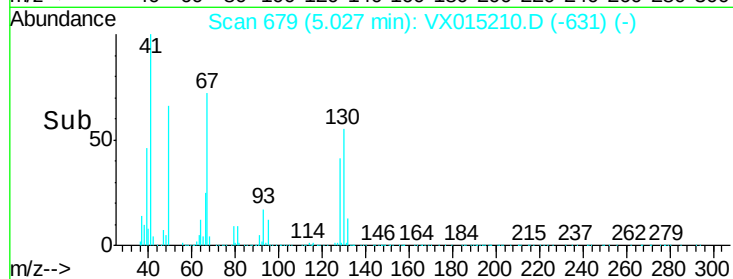
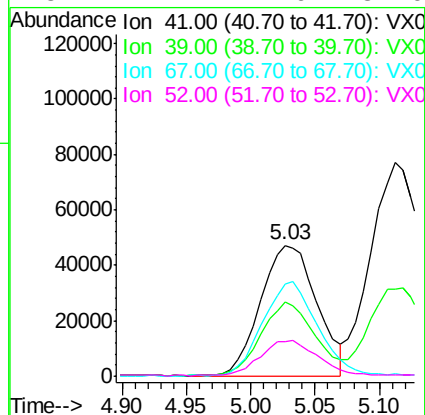
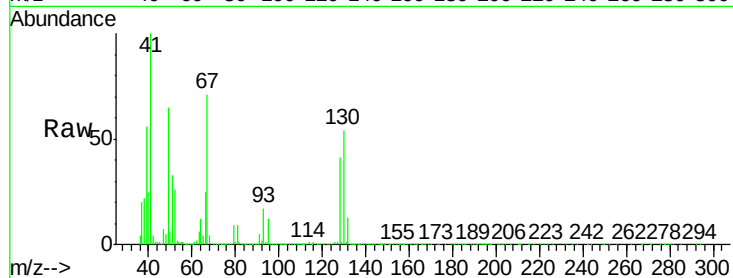
#41
Methacrylonitrile
Concen: 54.50 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	43.9	65.9	
67	72.1	57.8	86.8	
52	27.7	22.6	34.0	

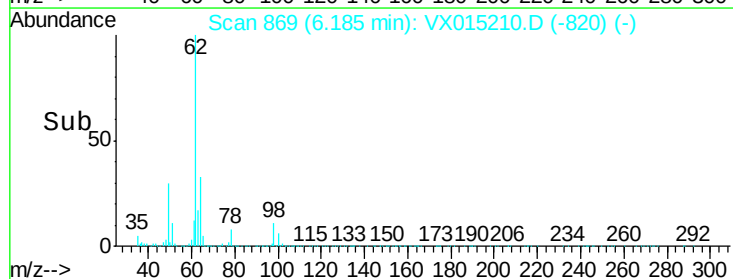
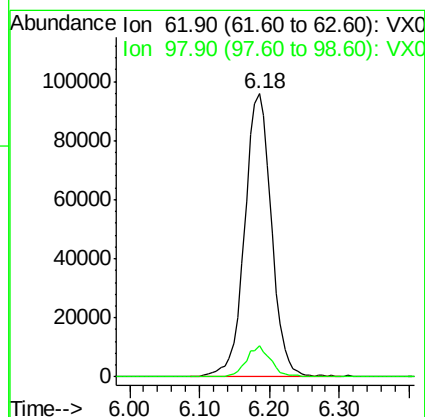
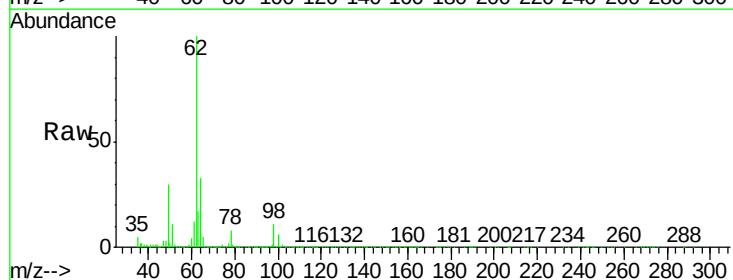
Manual Integrations
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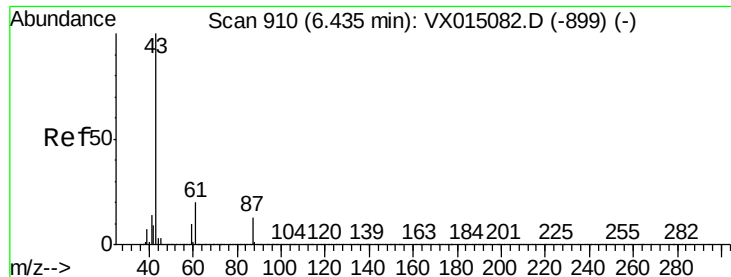
MMDadoda
3/12/2020 2:50:52 PM



#42
1,2-Dichloroethane
Concen: 53.09 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.6	





#43

Isopropyl Acetate

Concen: 54.21 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

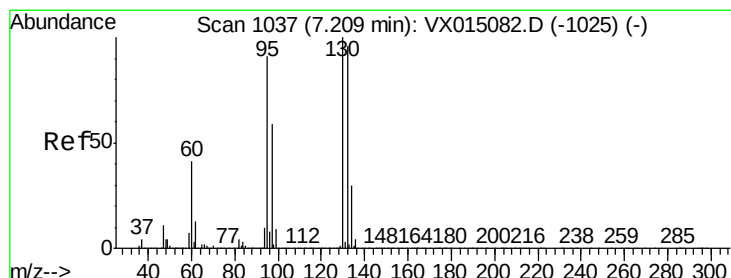
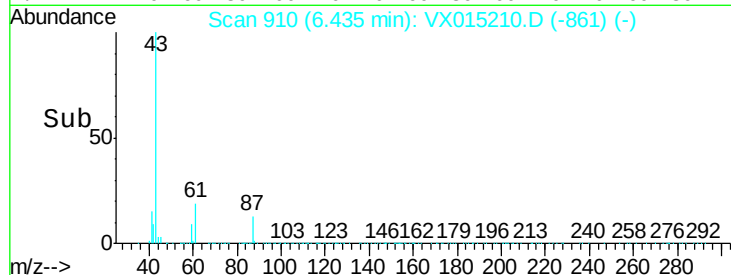
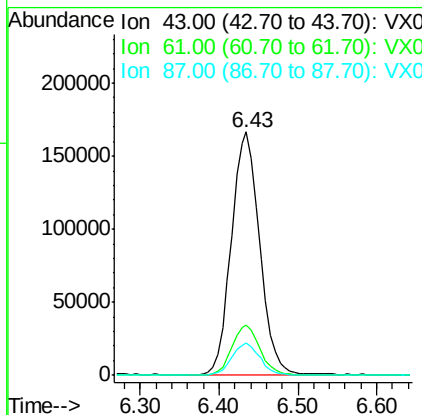
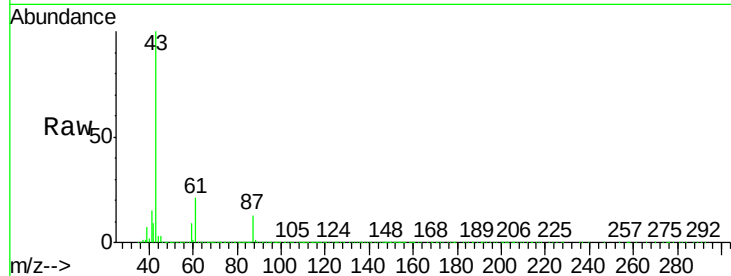
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	414799
Ion Ratio		Lower	Upper
43	100		
61	20.3	16.1	24.1
87	13.0	10.6	16.0

Manual Integrations
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#44

Trichloroethene

Concen: 50.29 ug/l

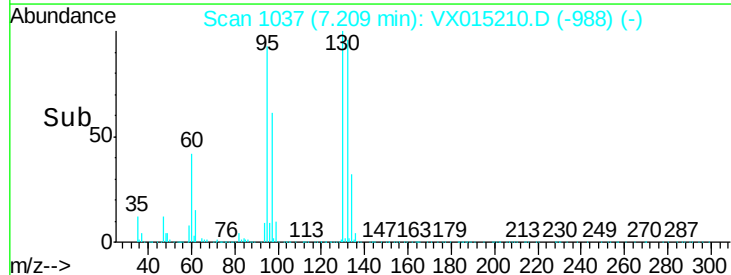
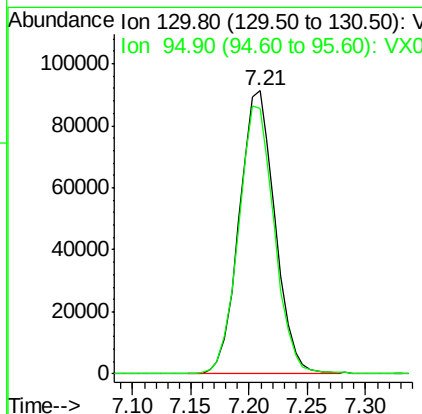
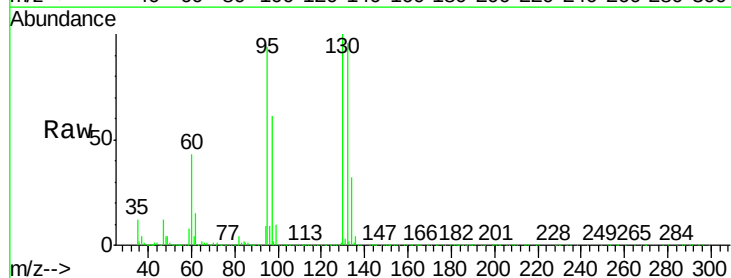
RT: 7.21 min Scan# 1037

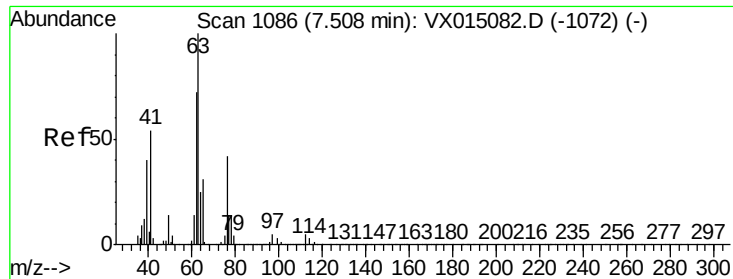
Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Tgt Ion:	130	Resp:	194870
Ion Ratio		Lower	Upper
130	100		
95	93.5	0.0	181.2





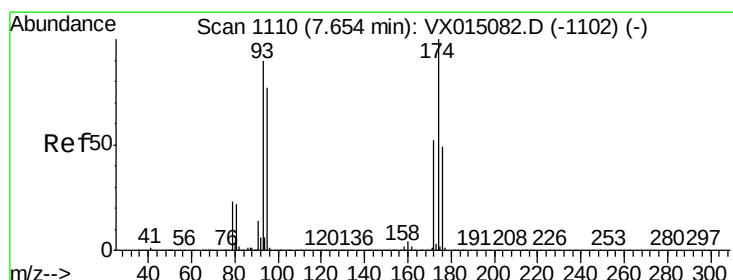
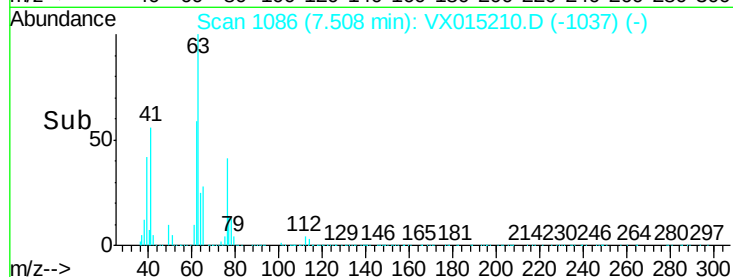
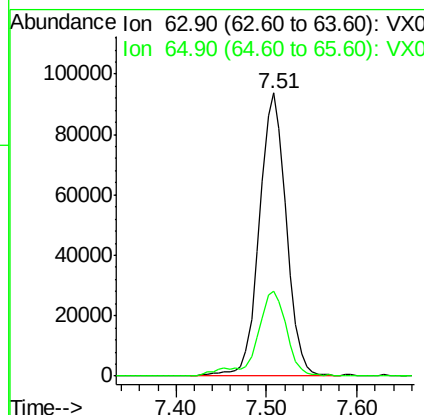
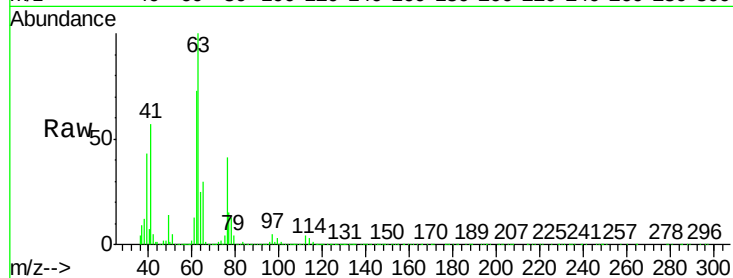
#45
 1,2-Dichloropropane
 Concen: 53.23 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.6	36.8

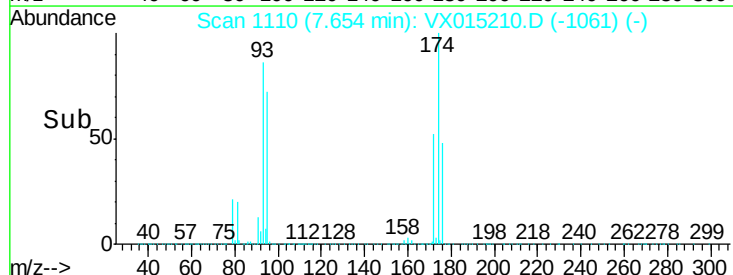
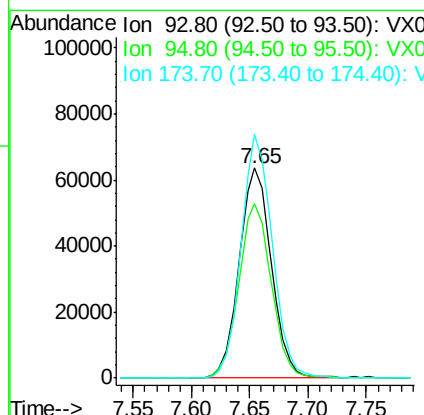
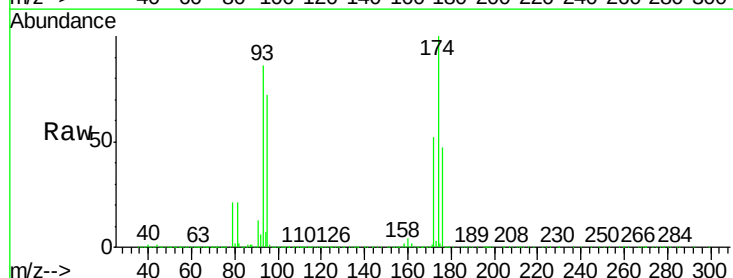
Manual Integrations
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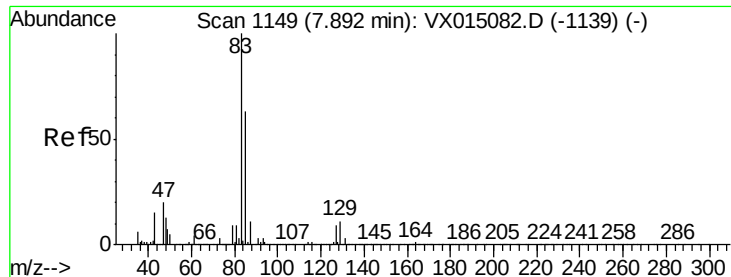
MMDadoda
 3/12/2020 2:50:52 PM



#46
 Dibromomethane
 Concen: 52.21 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.8	67.8	101.8
174	113.5	91.0	136.4





#47

Bromodichloromethane

Concen: 53.94 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

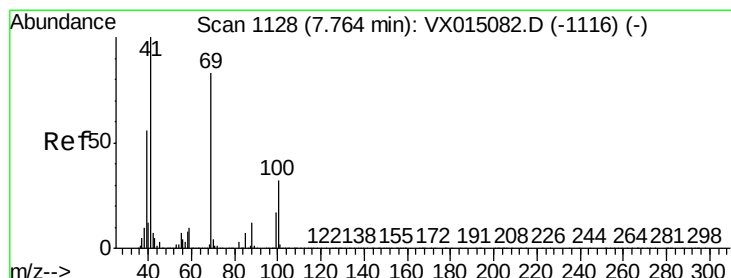
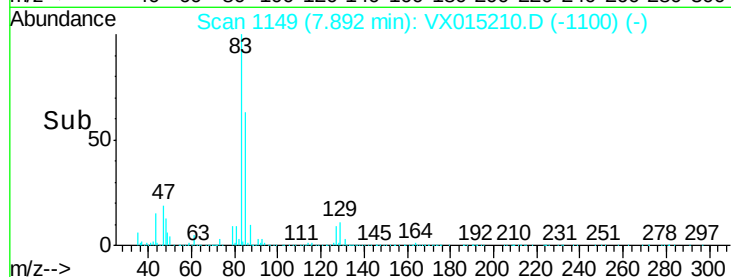
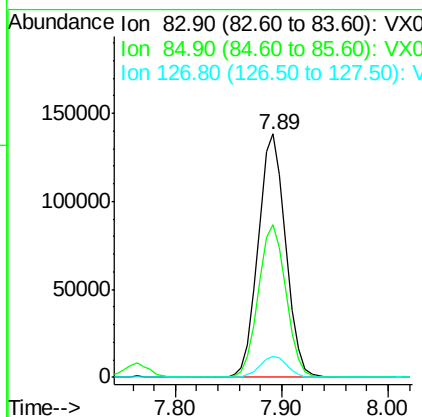
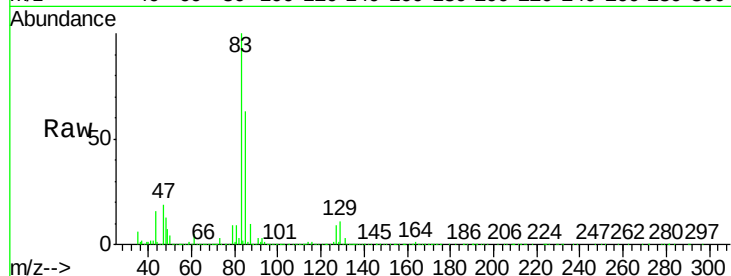
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	250306
Ion Ratio	Lower	Upper	
83	100		
85	62.7	50.6	75.8
127	8.6	7.1	10.7

Manual Integrations
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MMDadoda
3/12/2020 2:50:52 PM



#48

Methyl methacrylate

Concen: 53.82 ug/l

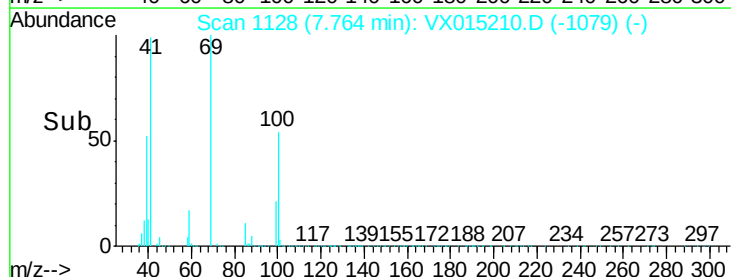
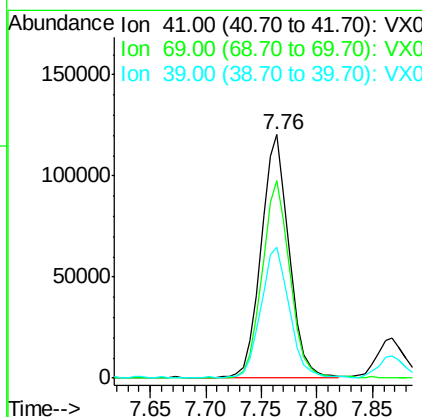
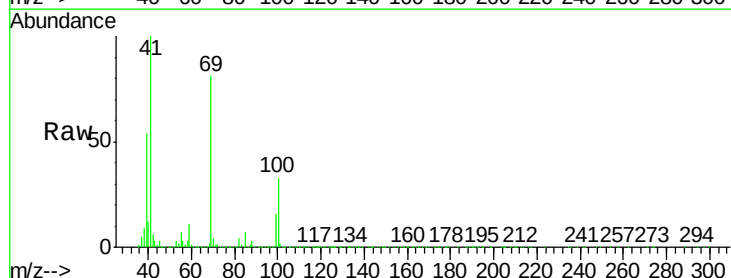
RT: 7.76 min Scan# 1128

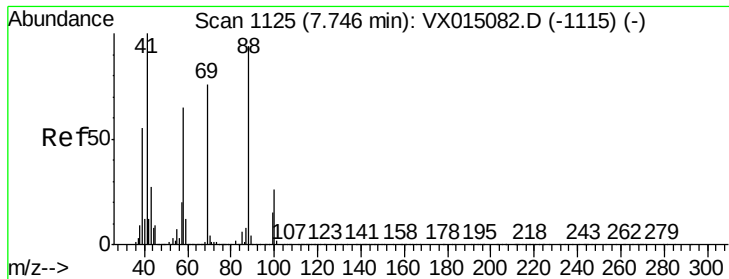
Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Tgt Ion:	41	Resp:	209620
Ion Ratio	Lower	Upper	
41	100		
69	81.2	65.4	98.2
39	54.3	44.6	67.0





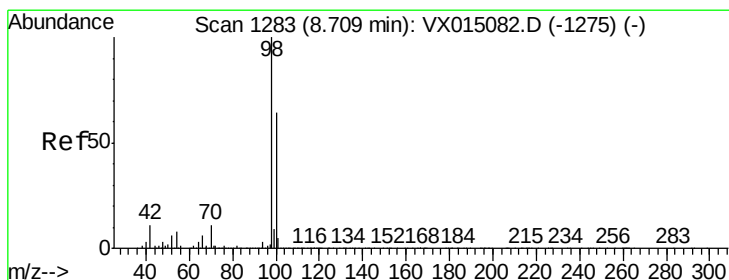
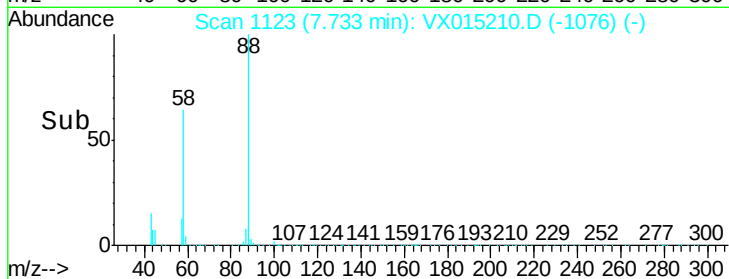
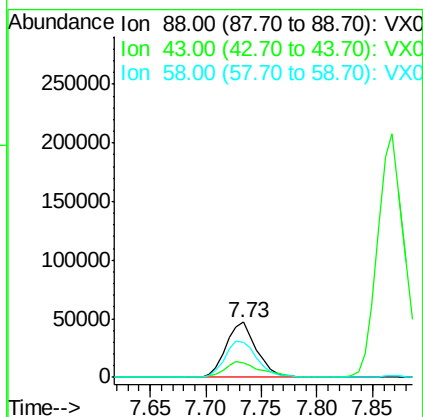
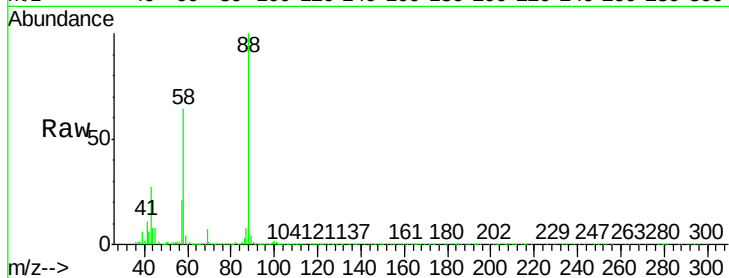
#49
1,4-Dioxane
Concen: 1046.79 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.0	27.0	40.4
58	71.2	55.6	83.4

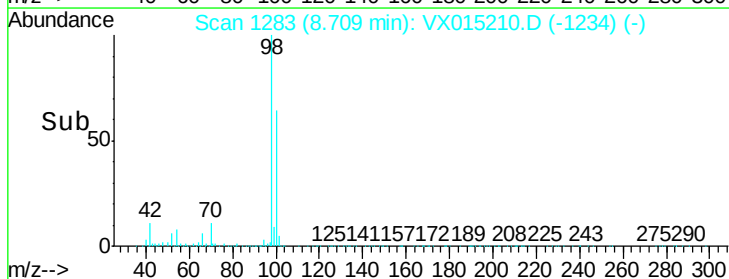
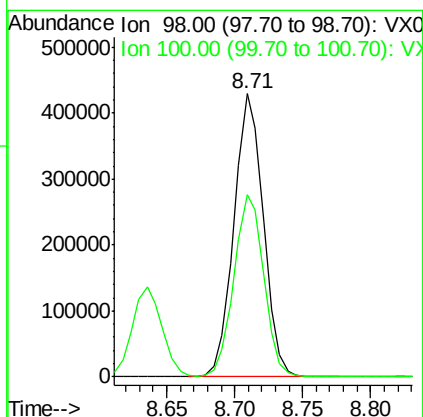
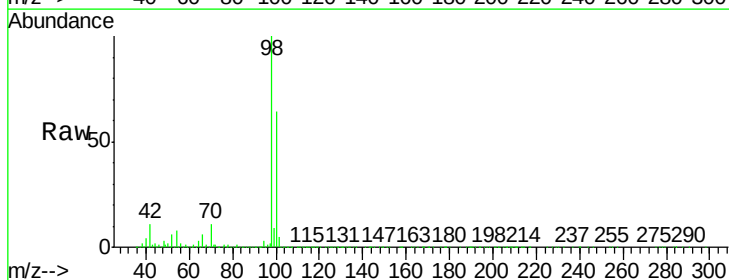
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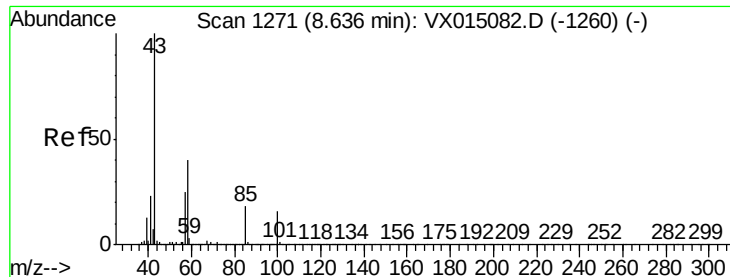
MMDadoda
3/12/2020 2:50:52 PM



#50
Toluene-d8
Concen: 52.97 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 287.63 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1301363

Ion Ratio Lower Upper

43 100

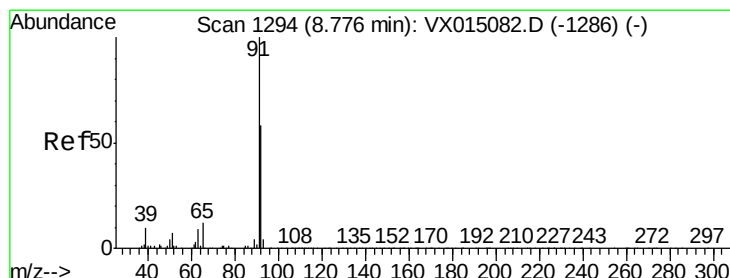
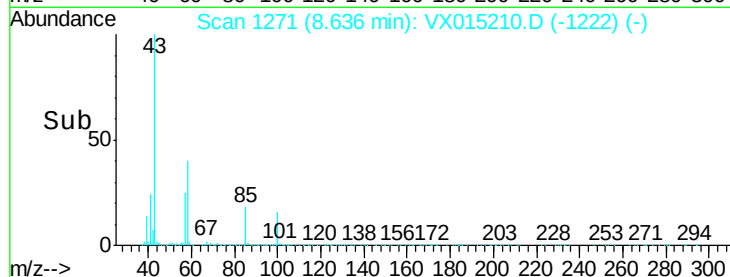
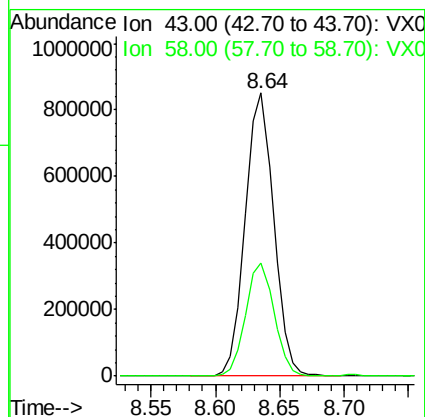
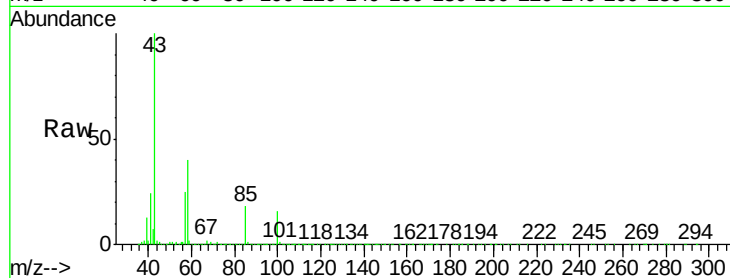
58 39.9 31.6 47.4

Manual Integrations

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3/12/2020 2:50:52 PM



#52

Toluene

Concen: 53.34 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015210.D

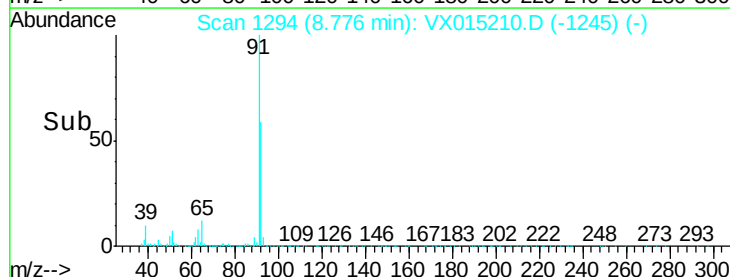
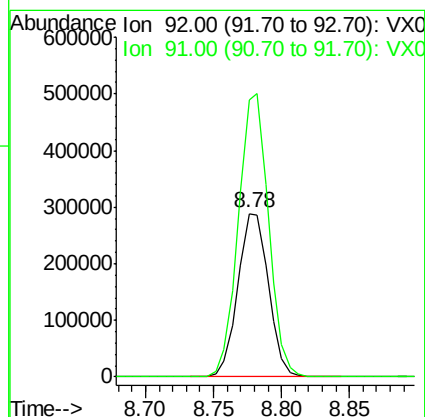
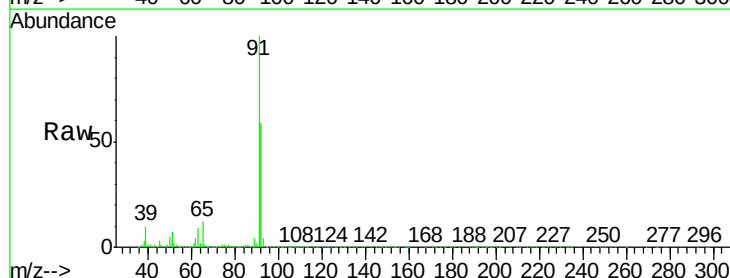
Acq: 11 Mar 2020 18:48

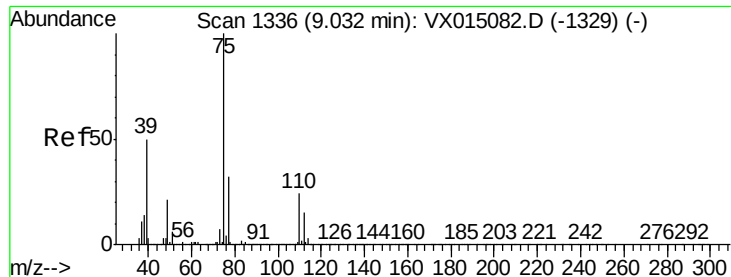
Tgt Ion: 92 Resp: 453733

Ion Ratio Lower Upper

92 100

91 170.8 136.9 205.3





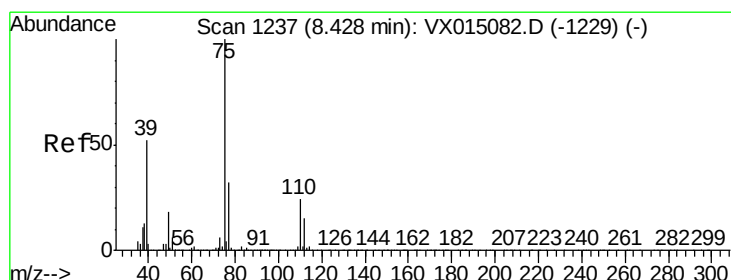
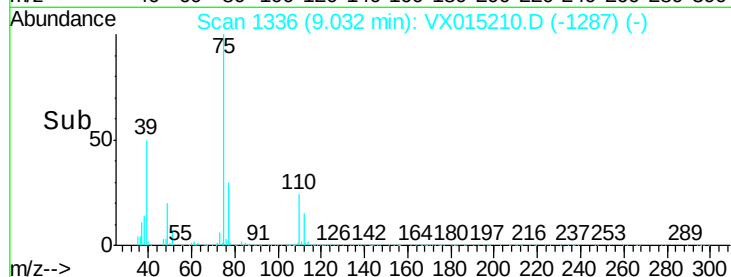
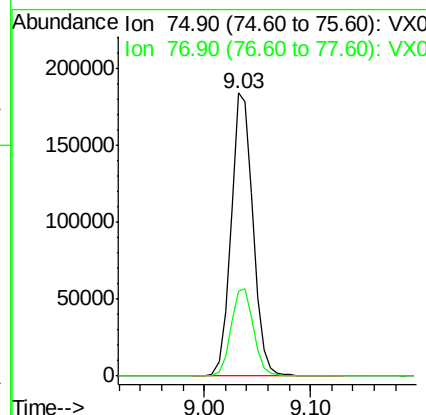
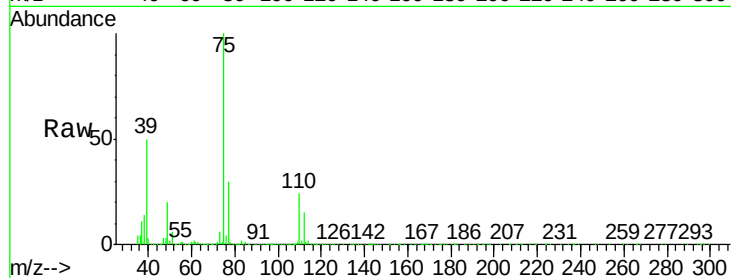
#53
t-1,3-Dichloropropene
Concen: 53.42 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 263825
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0

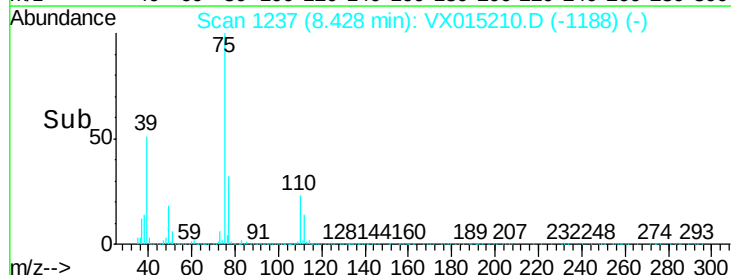
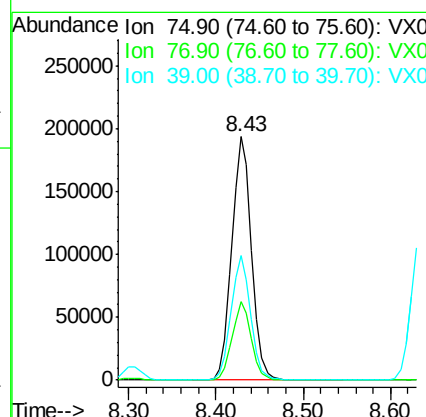
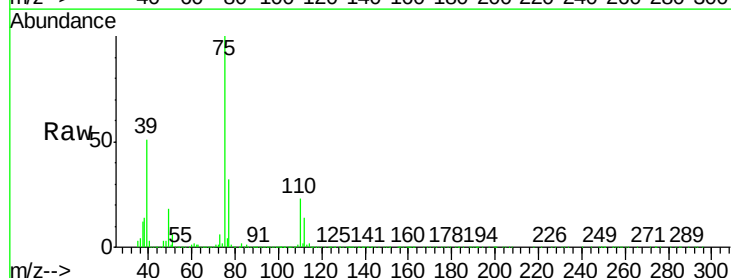
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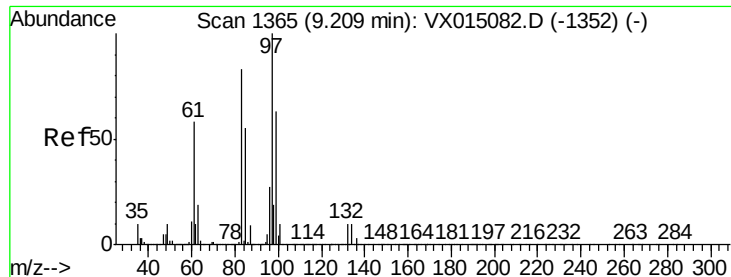
MMDadoda
3/12/2020 2:50:52 PM



#54
cis-1,3-Dichloropropene
Concen: 54.05 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion: 75 Resp: 301775
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
39 51.2 41.3 61.9





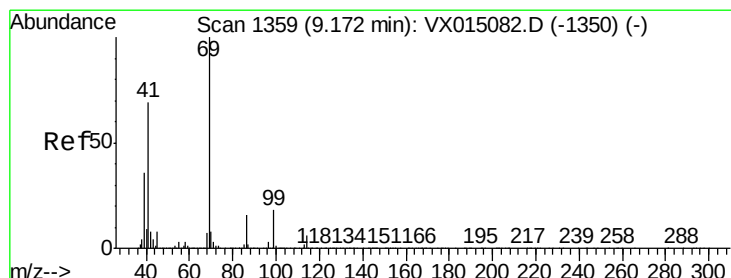
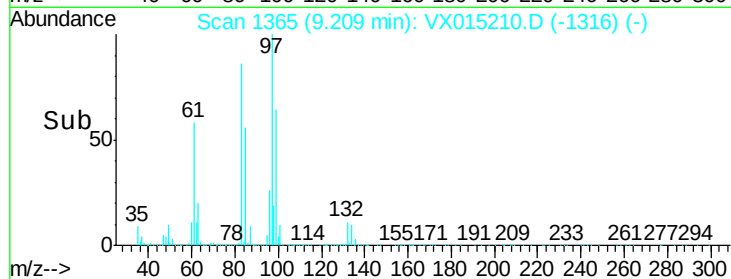
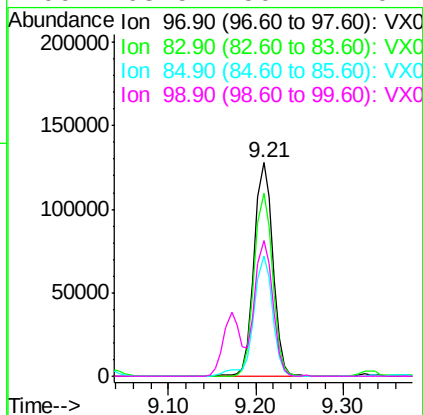
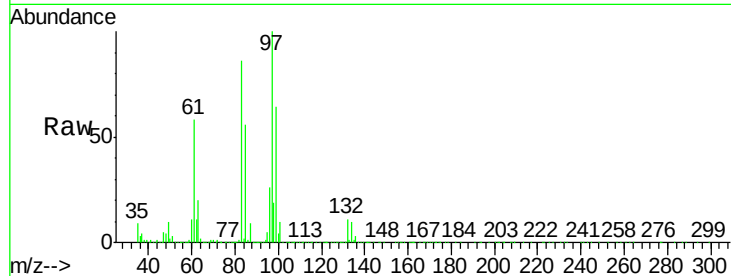
#55
 1,1,2-Trichloroethane
 Concen: 54.05 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	189243		
83	85.7	66.4	99.6	
85	56.1	43.5	65.3	
99	63.5	50.7	76.1	

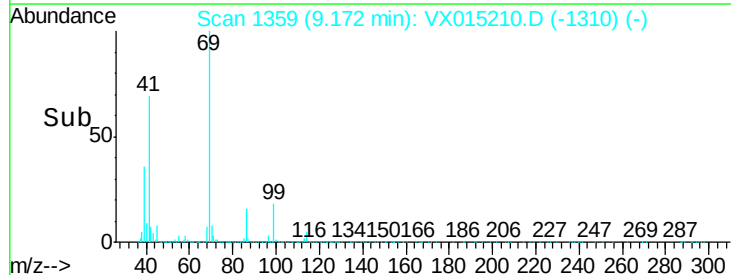
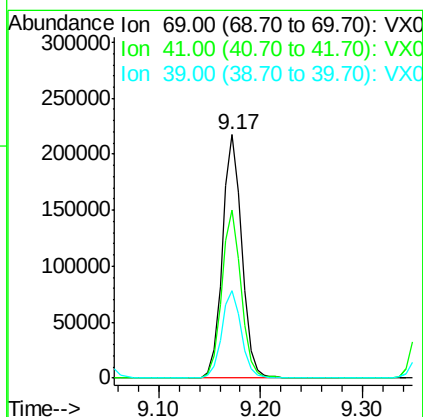
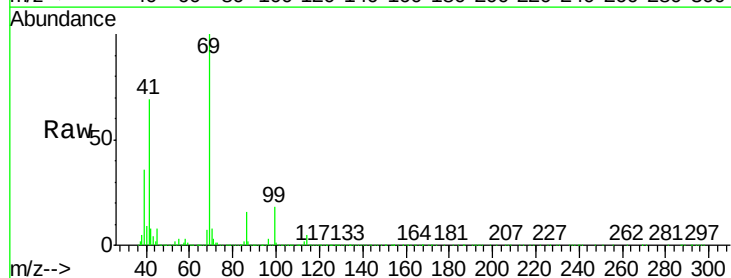
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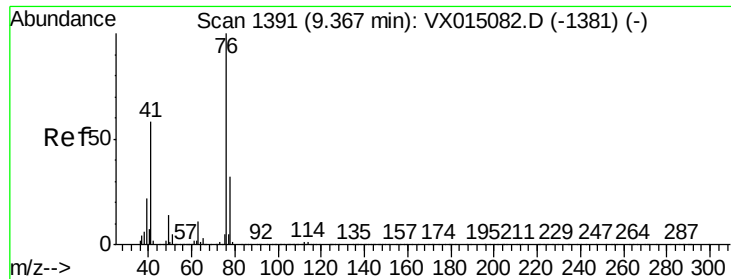
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#56
 Ethyl methacrylate
 Concen: 57.55 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	287427		
41	69.4	55.8	83.8	
39	36.3	29.4	44.2	





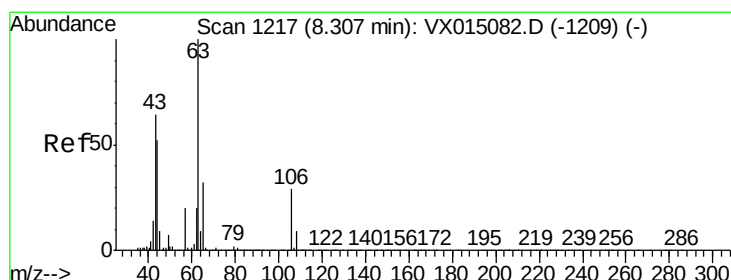
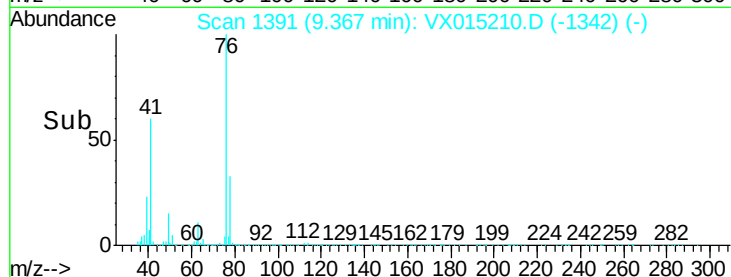
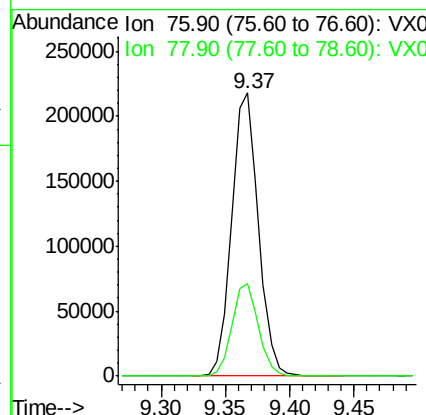
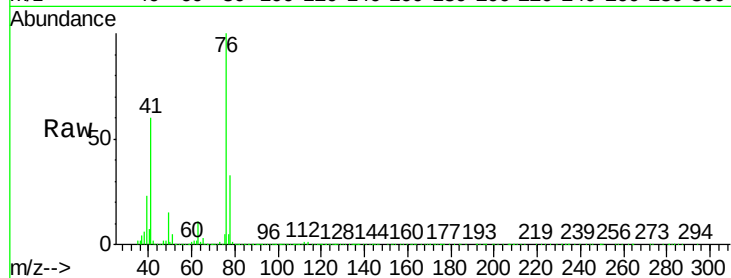
#57
 1,3-Dichloropropane
 Concen: 53.77 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 316723
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4

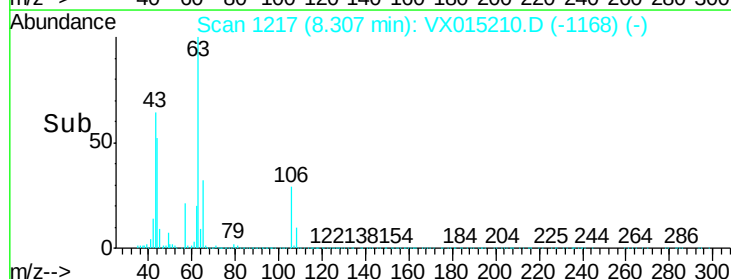
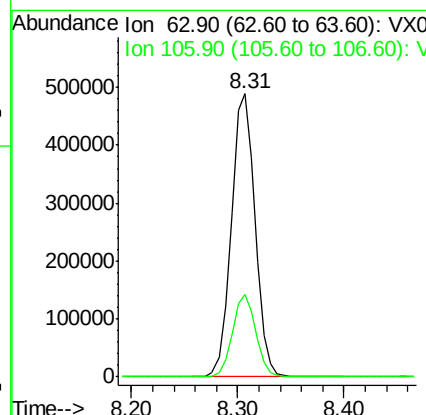
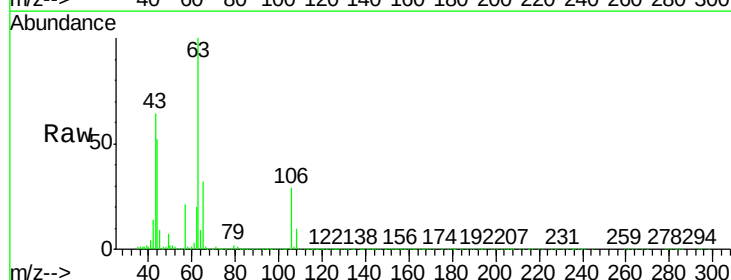
Manual Integrations
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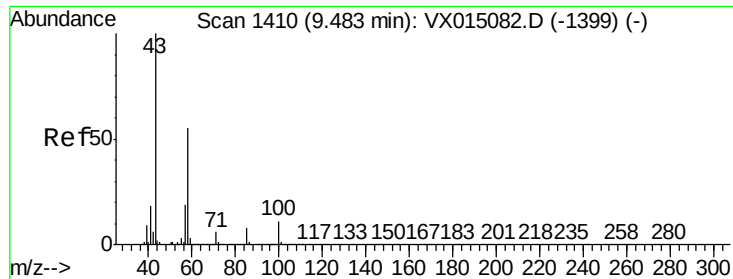
MMDadoda
 3/12/2020 2:50:52 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.52 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Tgt Ion: 63 Resp: 760482
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.8 34.2





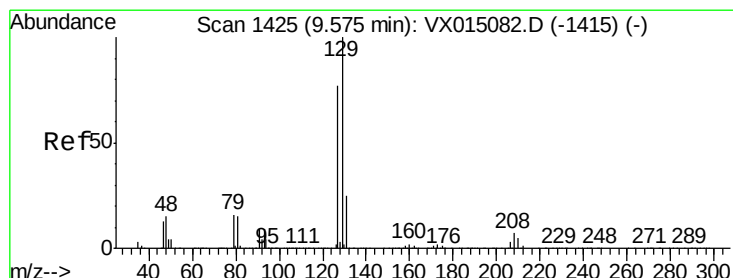
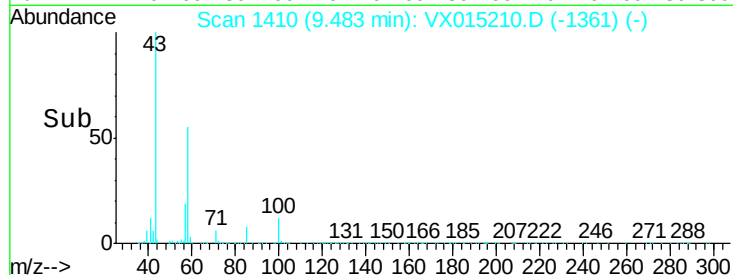
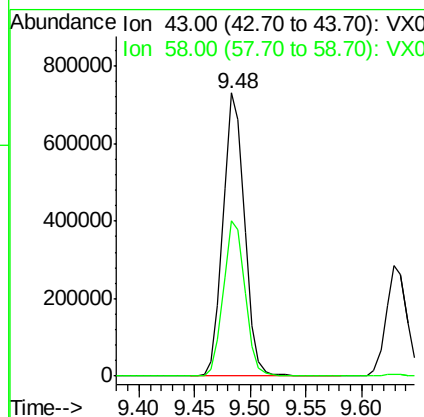
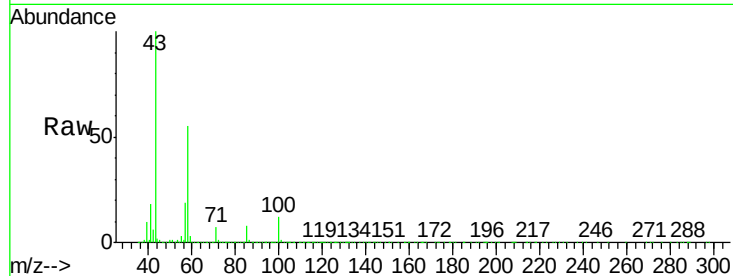
#59
2-Hexanone
Concen: 291.62 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 977937
Ion Ratio Lower Upper
43 100
58 55.3 27.3 81.8

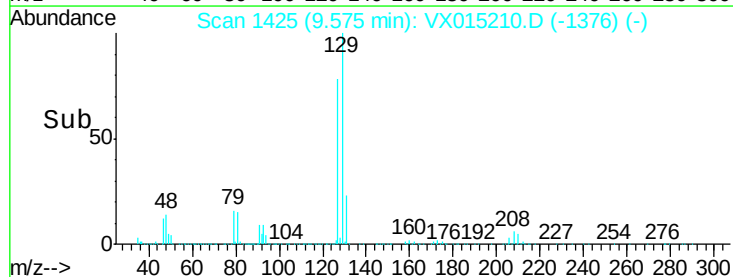
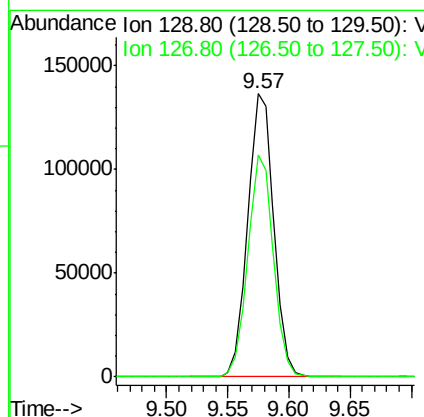
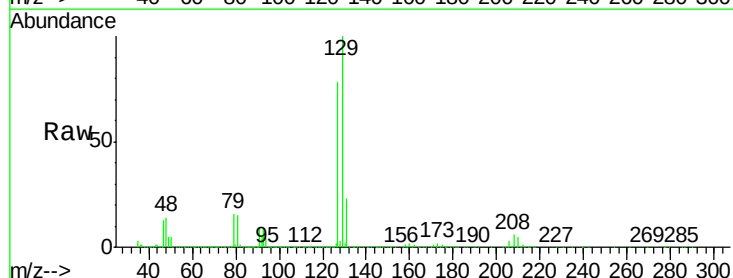
Manual Integrations
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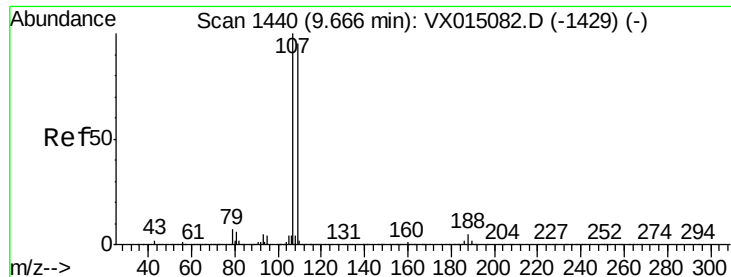
MMDadoda
3/12/2020 2:50:52 PM



#60
Dibromochloromethane
Concen: 55.02 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion: 129 Resp: 202352
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 53.01 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 194947

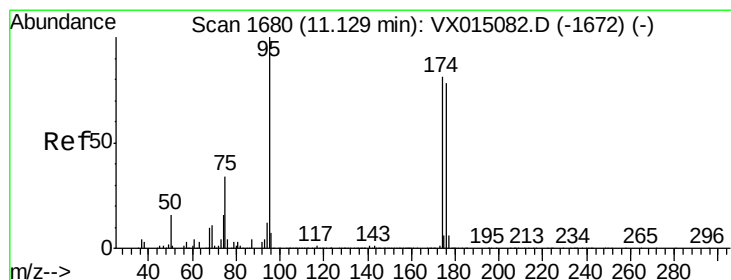
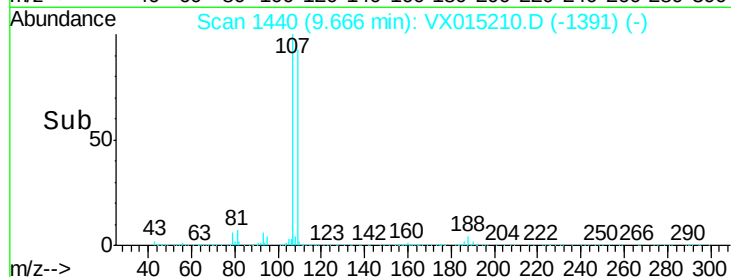
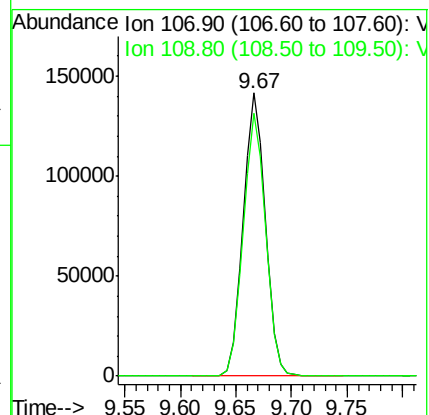
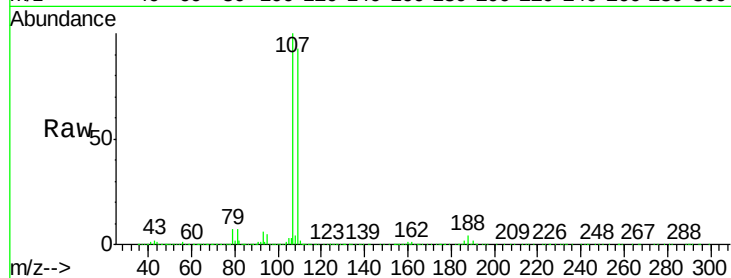
Ion Ratio Lower Upper

107 100

109 94.2 75.6 113.4

Manual Integrations
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3/12/2020 2:50:52 PM



#62

4-Bromofluorobenzene

Concen: 54.14 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

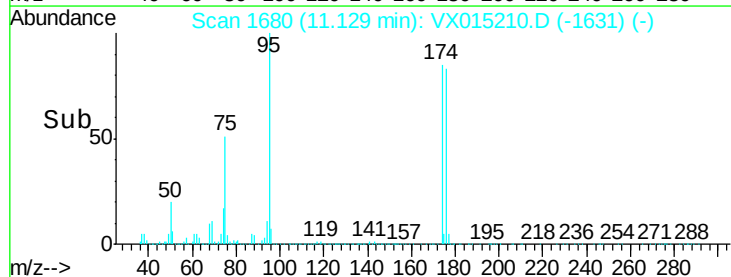
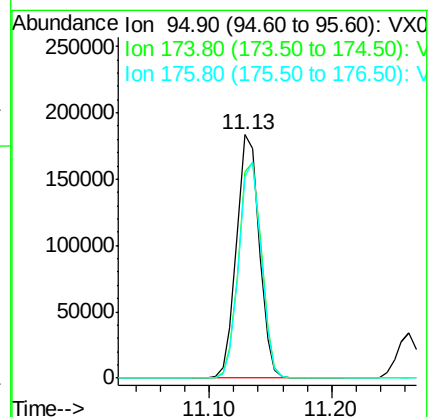
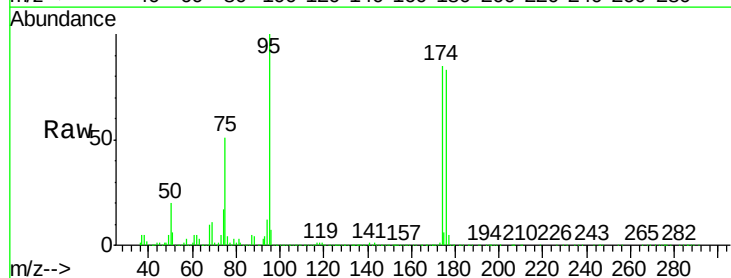
Tgt Ion: 95 Resp: 235068

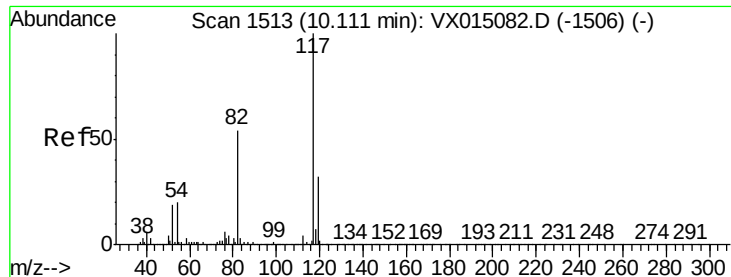
Ion Ratio Lower Upper

95 100

174 89.6 0.0 177.6

176 87.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

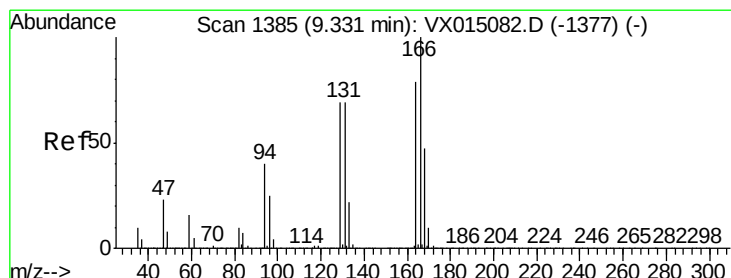
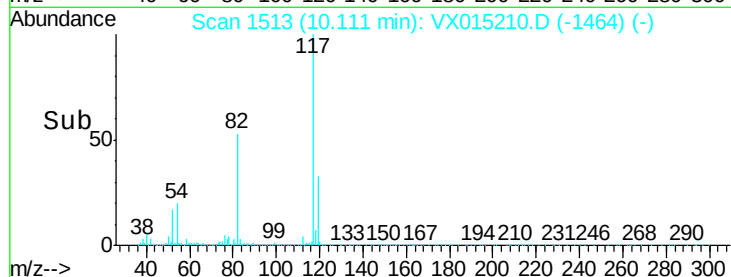
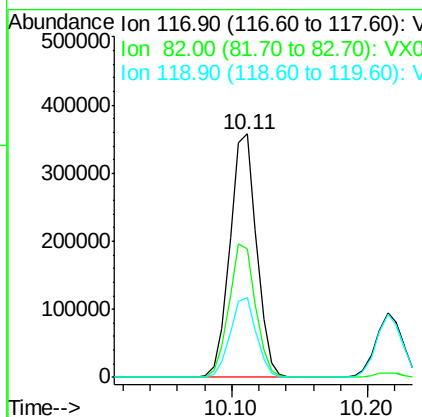
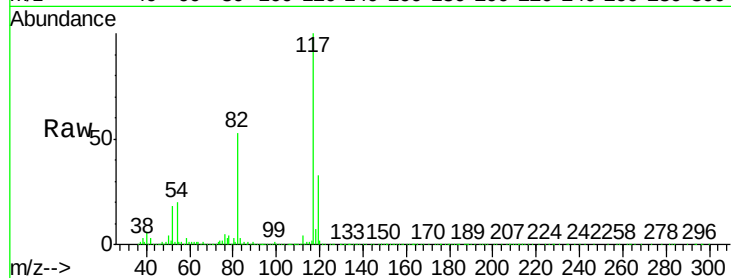
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	117	Resp:	486307
Ion Ratio	Lower	Upper	
117	100		
82	52.5	43.3	64.9
119	32.8	25.8	38.8

Manual Integrations
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#64

Tetrachloroethene

Concen: 48.83 ug/l

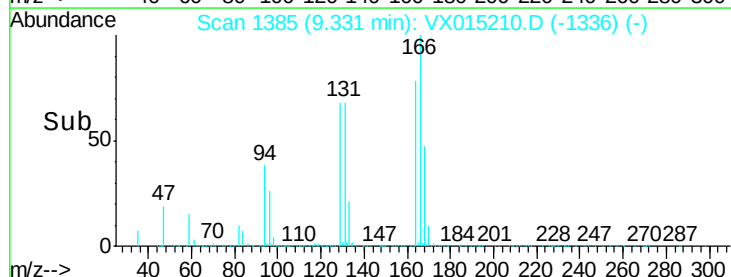
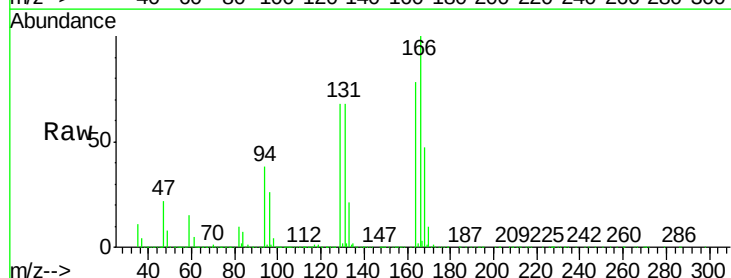
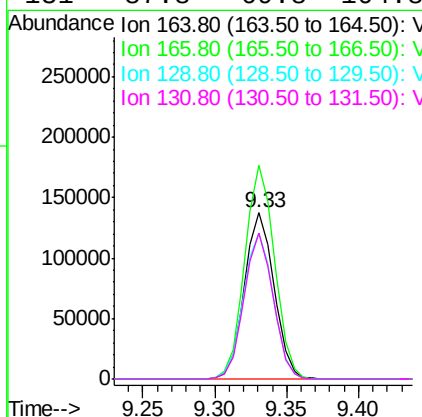
RT: 9.33 min Scan# 1385

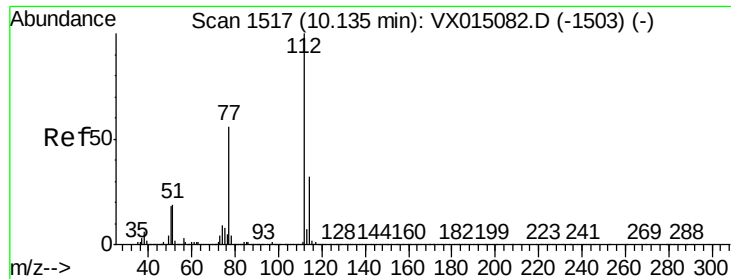
Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Tgt Ion:	164	Resp:	196348
Ion Ratio	Lower	Upper	
164	100		
166	128.4	101.1	151.7
129	87.8	69.4	104.0
131	87.8	69.8	104.8





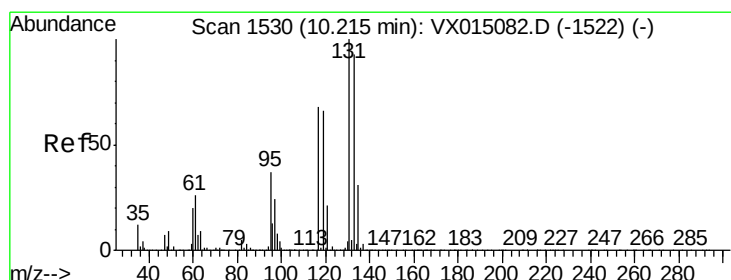
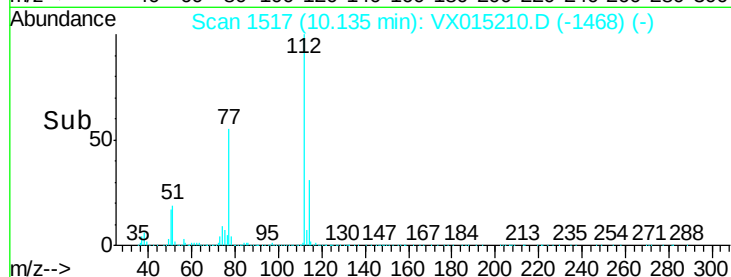
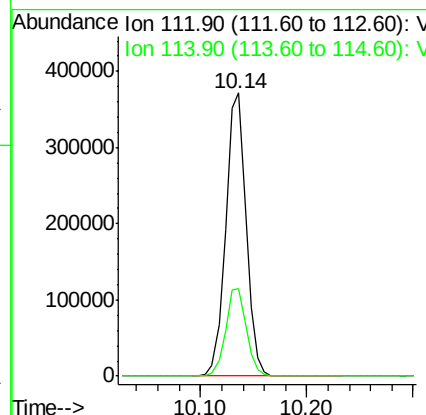
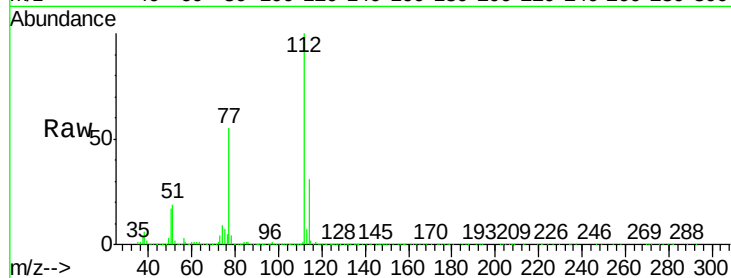
#65
Chlorobenzene
Concen: 50.91 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.5	38.3

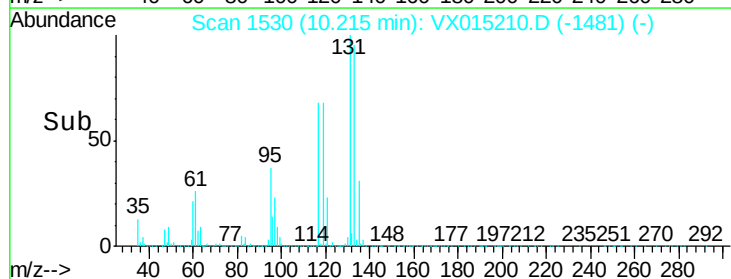
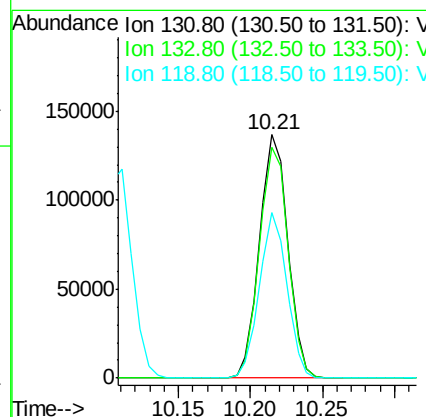
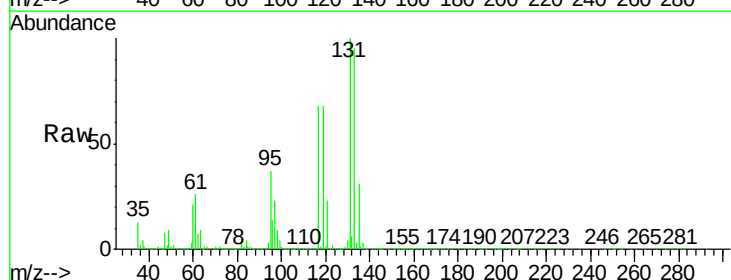
Manual Integrations
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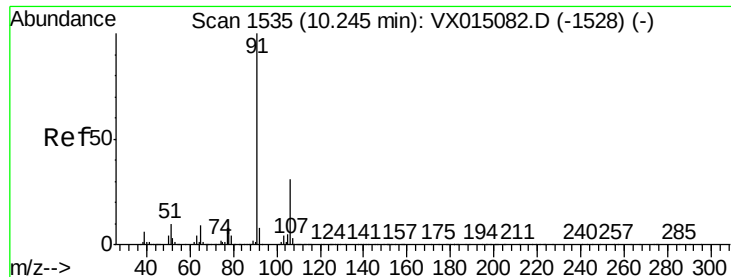
MMDadoda
3/12/2020 2:50:52 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.48 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.5	142.5
119	65.7	33.4	100.1





#67

Ethyl Benzene

Concen: 52.30 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 867133

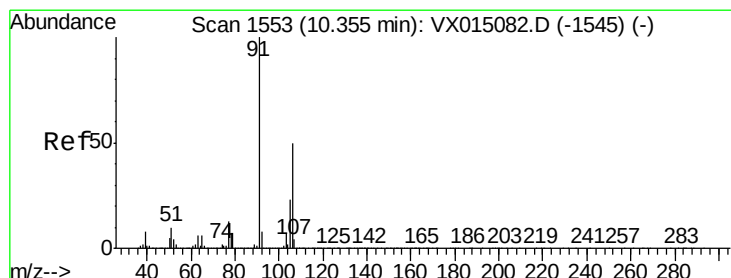
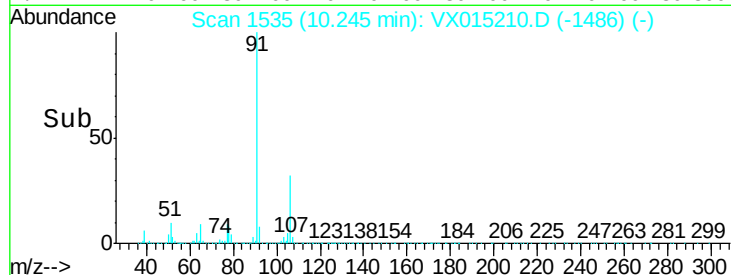
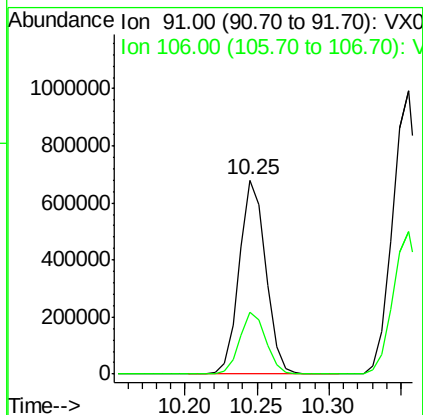
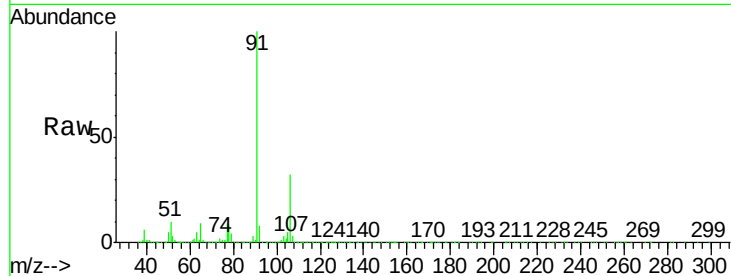
Ion Ratio Lower Upper

91 100

106 31.8 24.9 37.3

Manual Integrations
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3/12/2020 2:50:52 PM



#68

m/p-Xylenes

Concen: 105.82 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015210.D

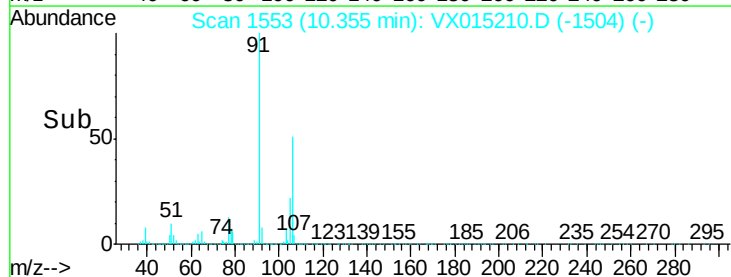
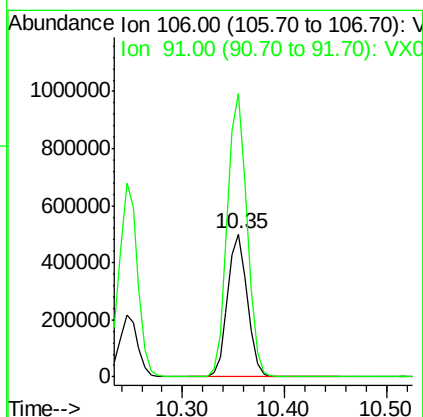
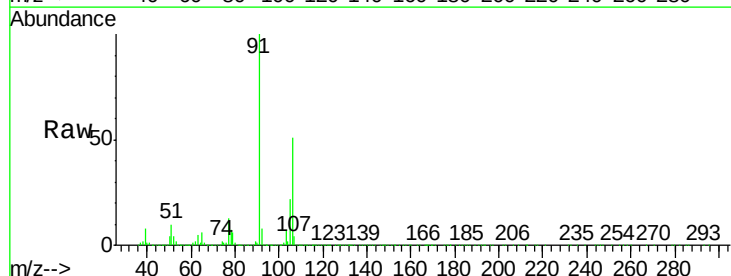
Acq: 11 Mar 2020 18:48

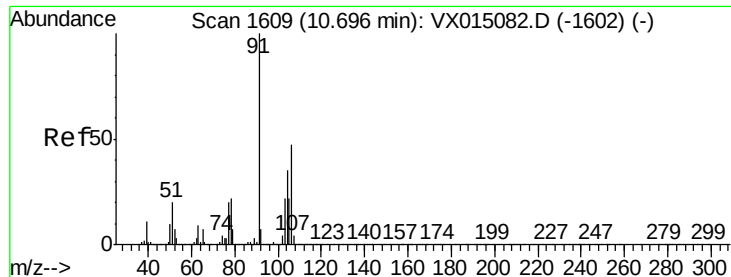
Tgt Ion: 106 Resp: 667508

Ion Ratio Lower Upper

106 100

91 197.8 159.4 239.2





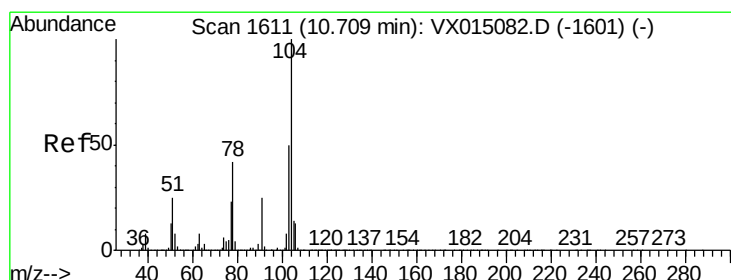
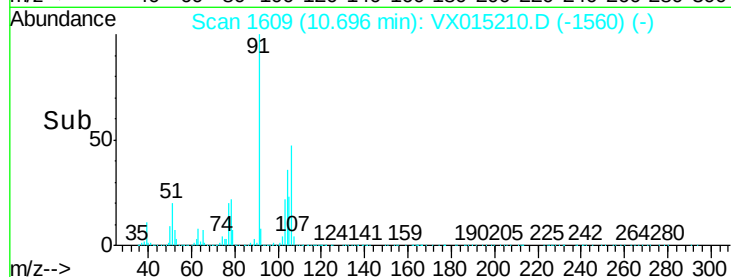
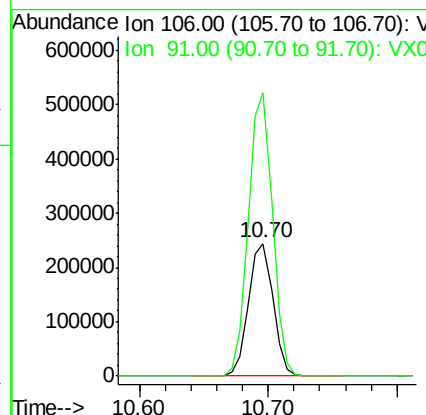
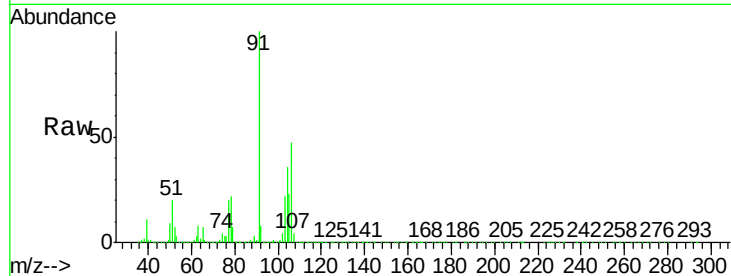
#69
o-Xylene
Concen: 52.90 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	319474		
91	210.1	105.4	316.1	

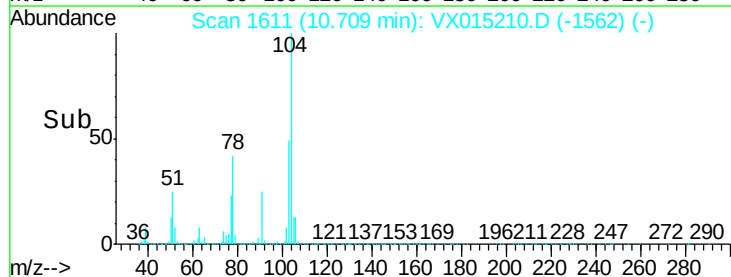
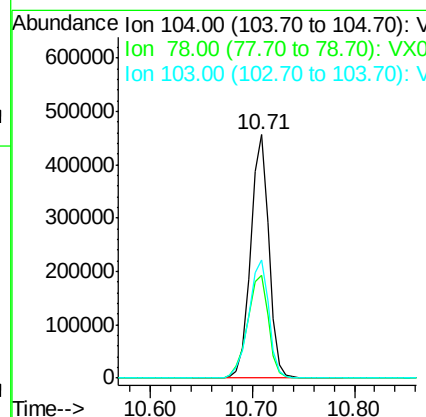
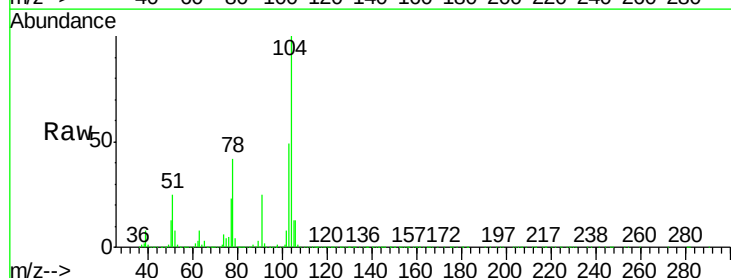
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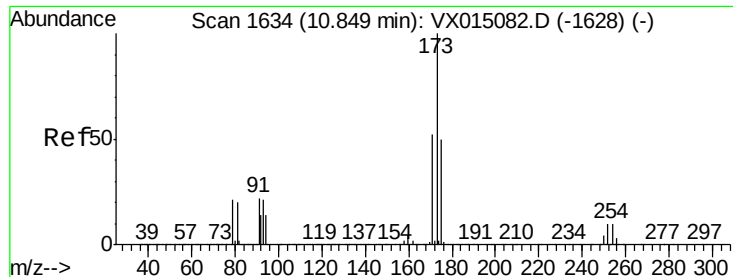
MMDadoda
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#70
Styrene
Concen: 54.58 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	565202		
78	48.3	39.0	58.4	
103	53.6	43.7	65.5	





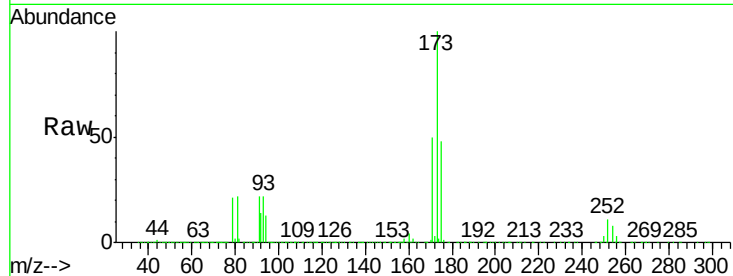
#71
Bromoform
Concen: 53.13 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

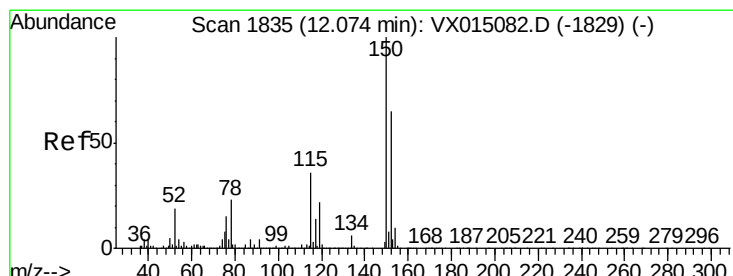
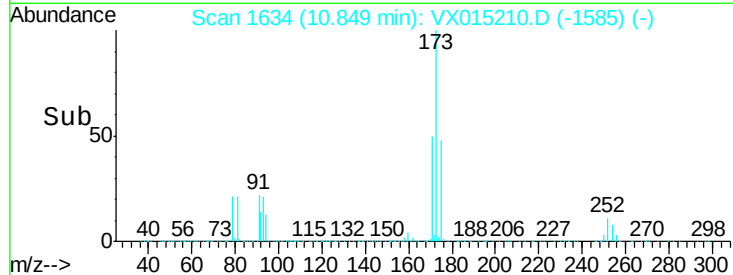
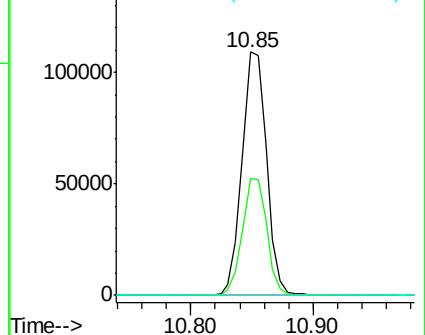
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.9	74.7
254	0.3	0.2	0.2#

Manual Integrations
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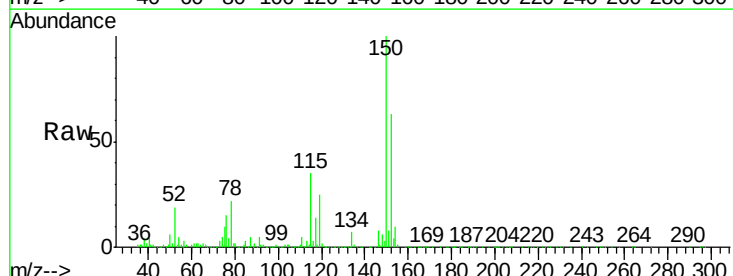


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

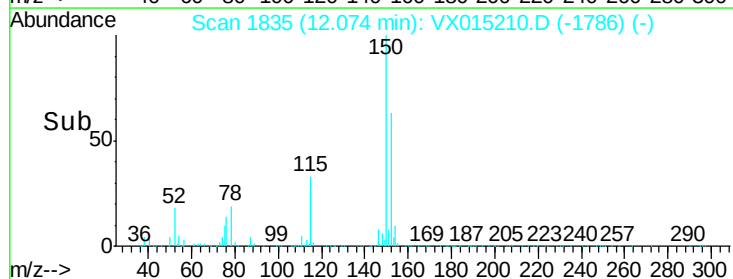
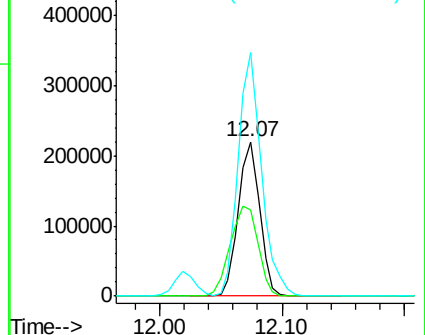


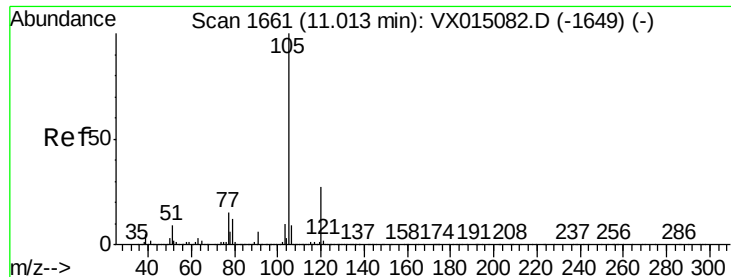
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.2	38.2	114.6
150	173.4	0.0	343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.60 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 851529

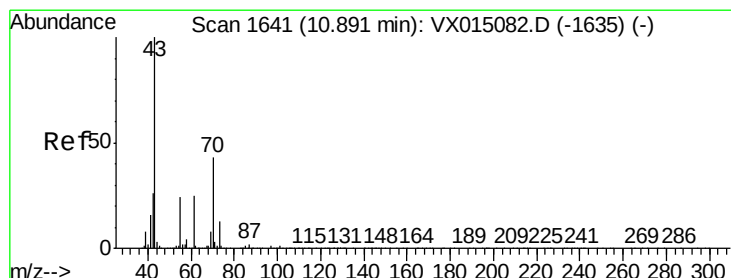
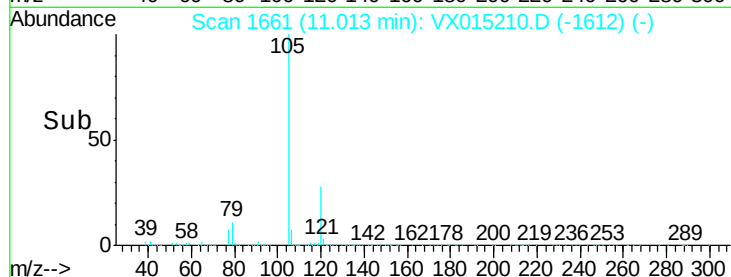
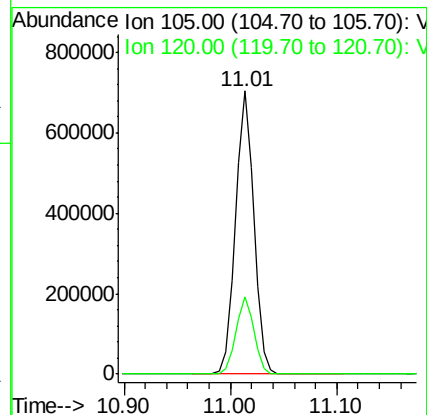
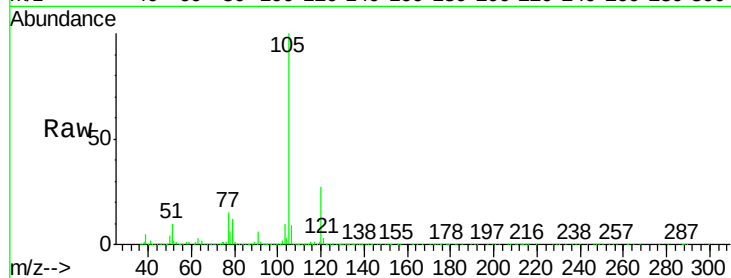
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 53.40 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Tgt Ion: 43 Resp: 378714

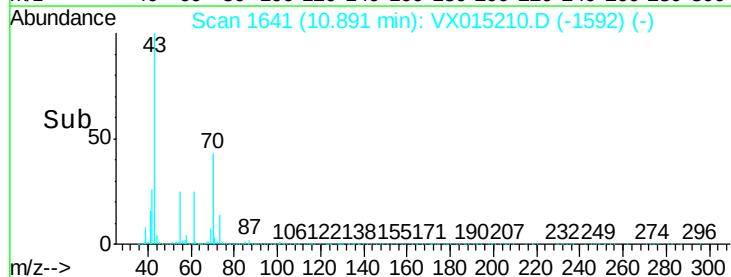
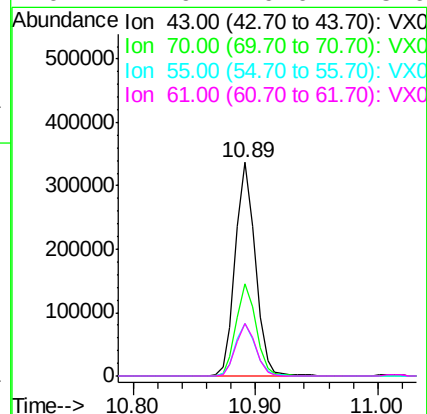
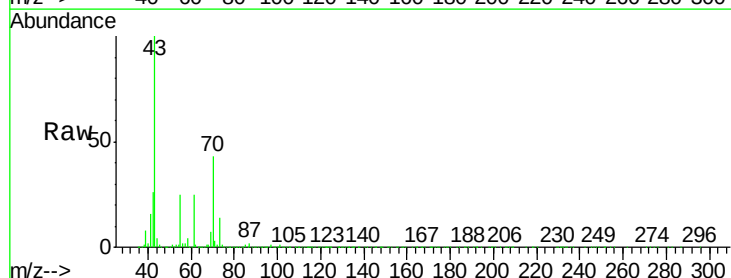
Ion Ratio Lower Upper

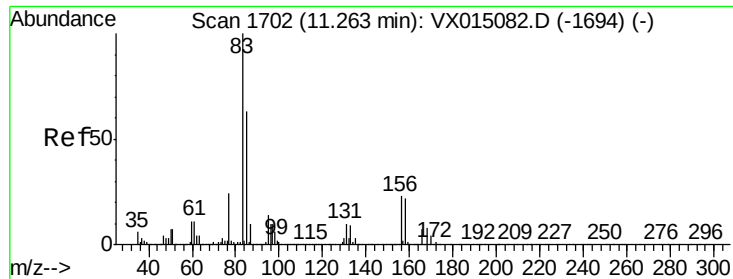
43 100

70 43.4 34.7 52.1

55 25.0 19.4 29.0

61 24.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.08 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 280868

Ion Ratio Lower Upper

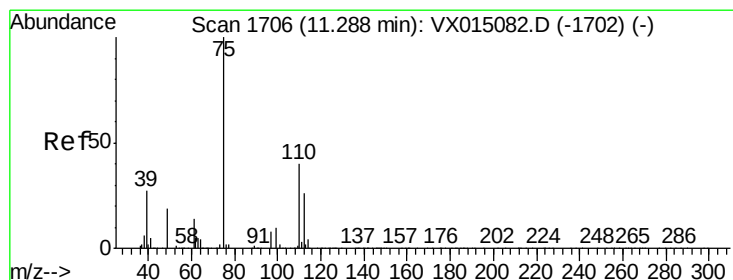
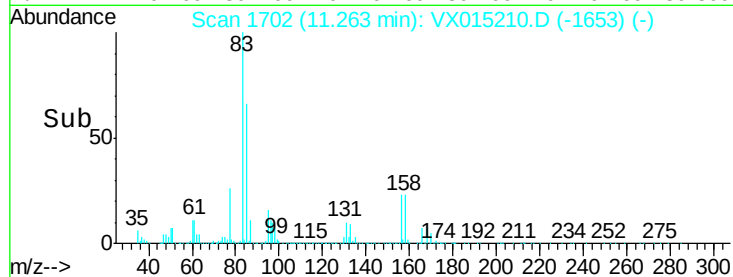
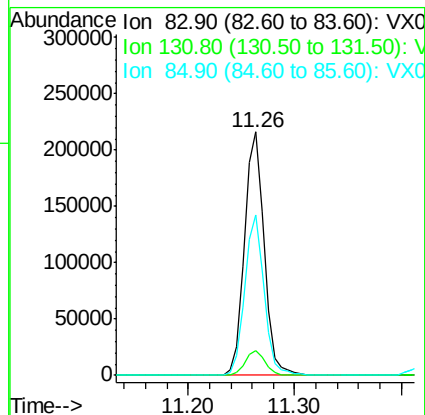
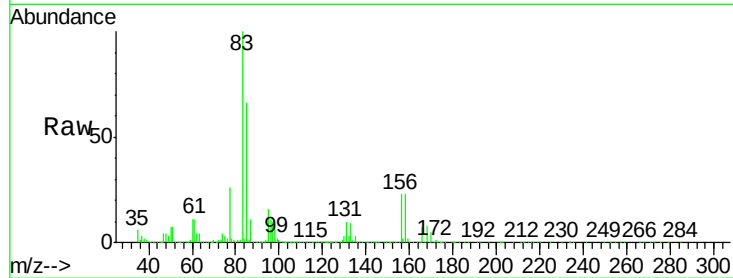
83 100

131 10.4 5.0 14.9

85 64.7 31.9 95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 43.77 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015210.D

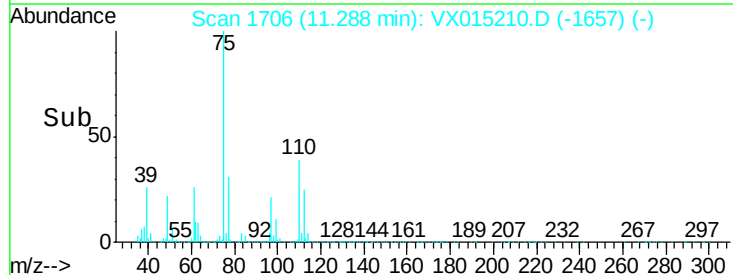
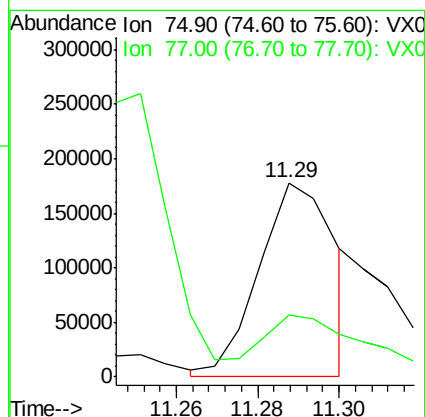
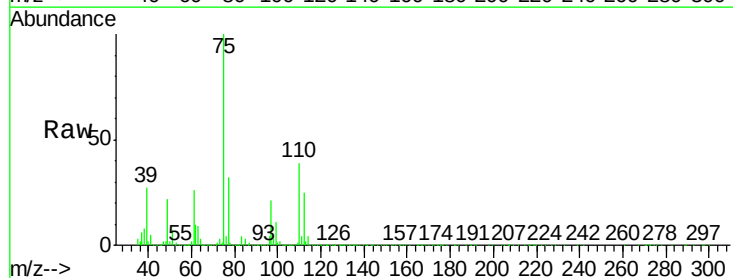
Acq: 11 Mar 2020 18:48

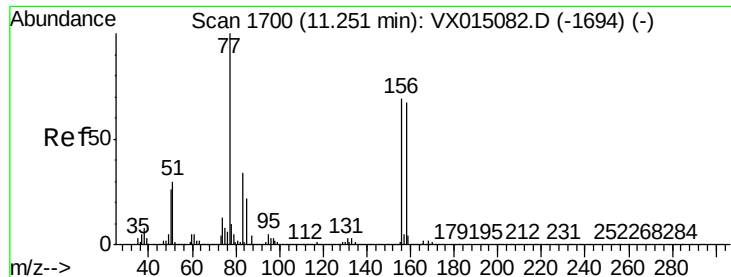
Tgt Ion: 75 Resp: 229999

Ion Ratio Lower Upper

75 100

77 41.8 22.6 67.8





#77

Bromobenzene

Concen: 48.26 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

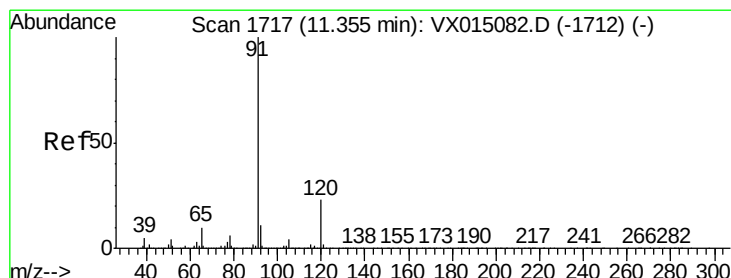
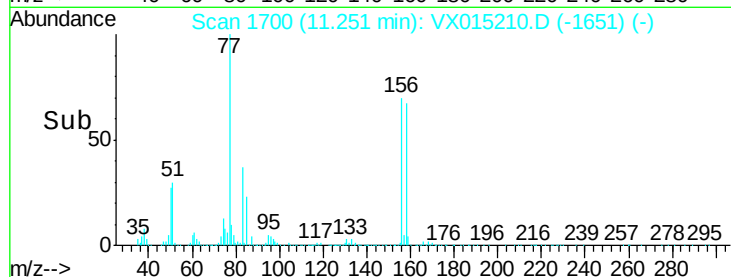
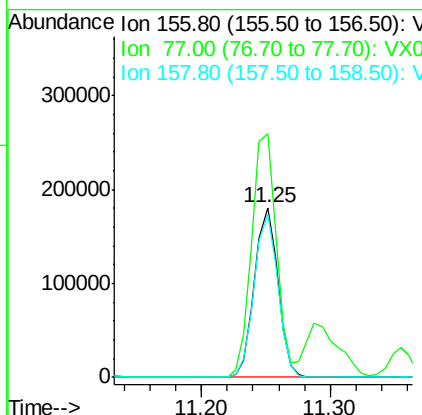
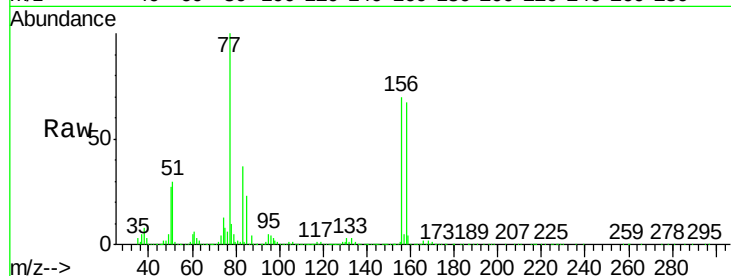
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	226360
Ion Ratio	Lower	Upper	
156	100		
77	150.4	75.3	225.9
158	97.1	48.5	145.6

Manual Integrations
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3/12/2020 2:50:52 PM



#78

n-propylbenzene

Concen: 51.16 ug/l

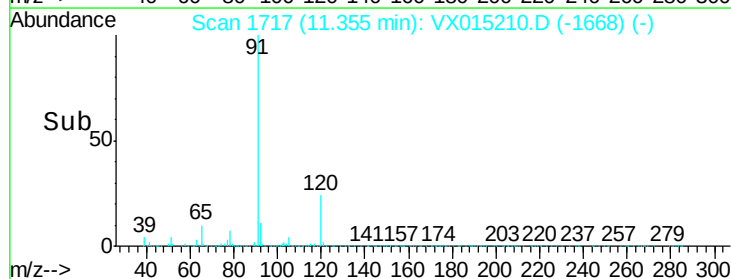
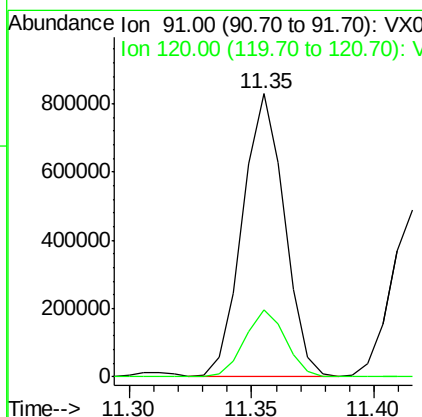
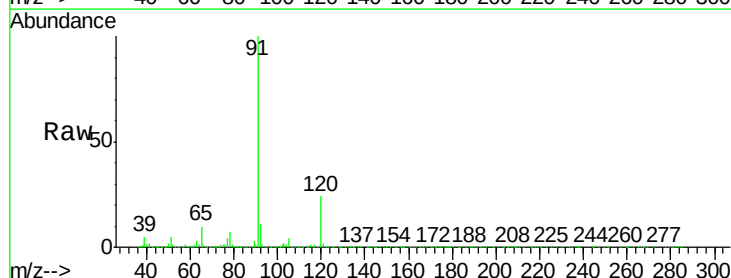
RT: 11.35 min Scan# 1717

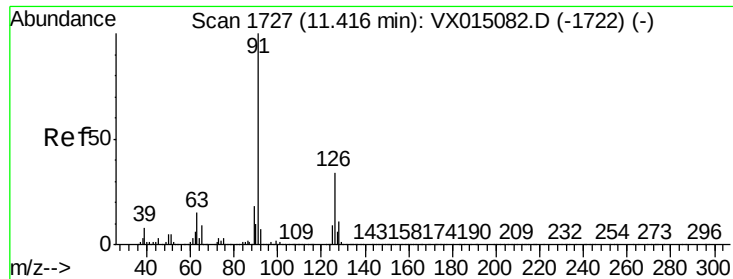
Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Tgt Ion:	91	Resp:	983624
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.1





#79

2-Chlorotoluene

Concen: 50.44 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 579174

Ion Ratio Lower Upper

91 100

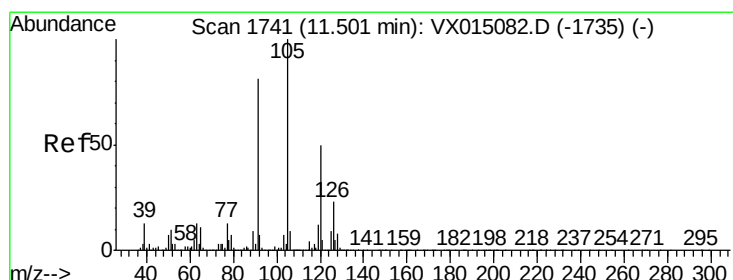
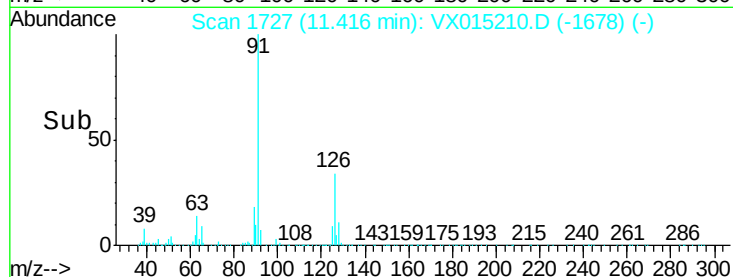
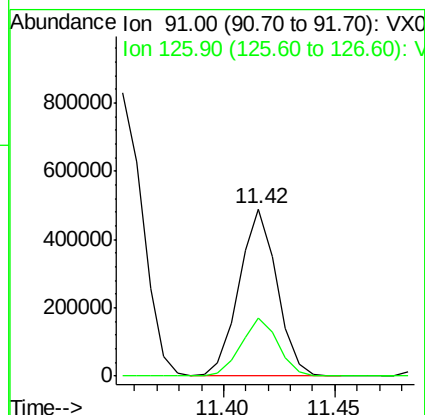
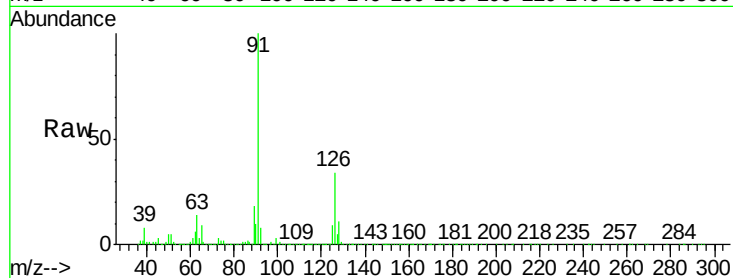
126 34.4 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.11 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015210.D

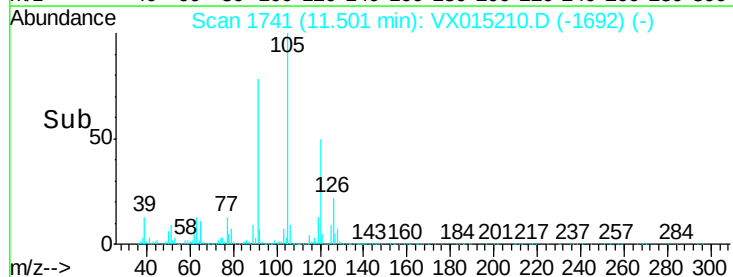
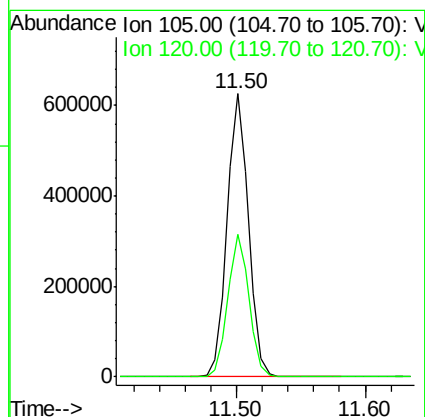
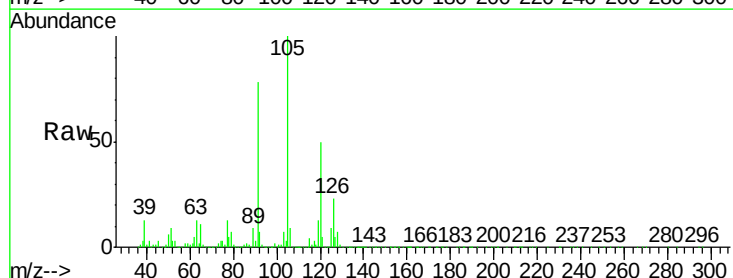
Acq: 11 Mar 2020 18:48

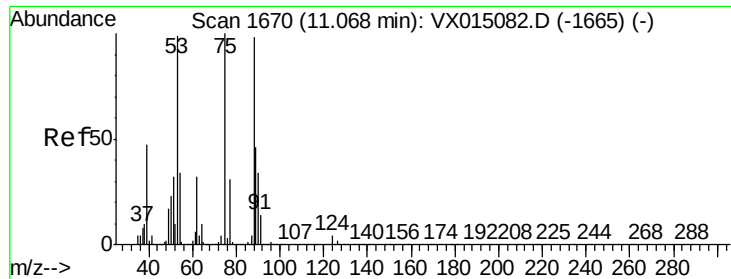
Tgt Ion: 105 Resp: 730020

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.4





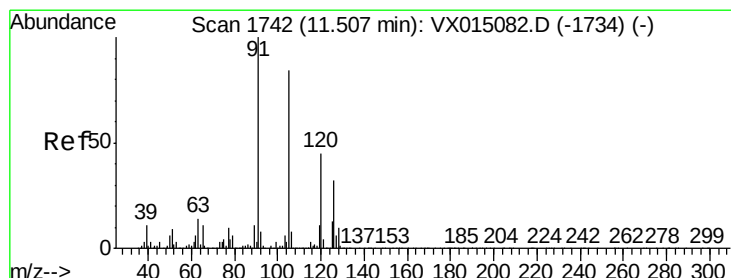
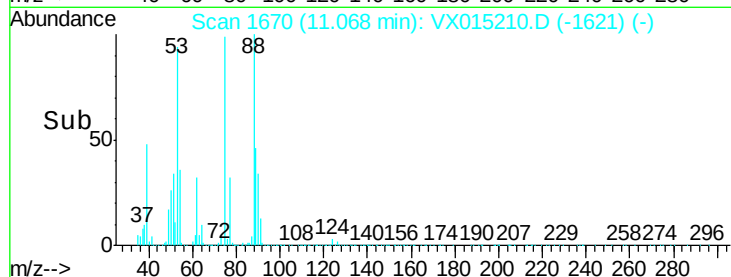
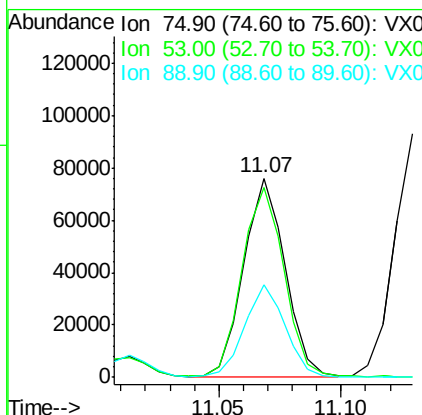
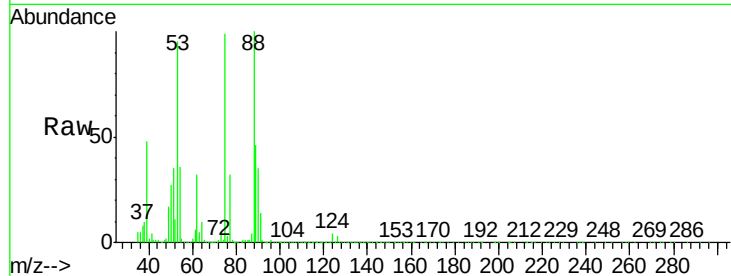
#81
trans-1,4-Dichloro-2-butene
Concen: 48.56 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.8	77.9	116.9
89	46.0	36.2	54.2

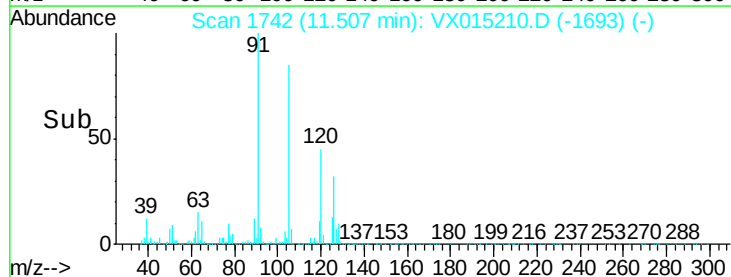
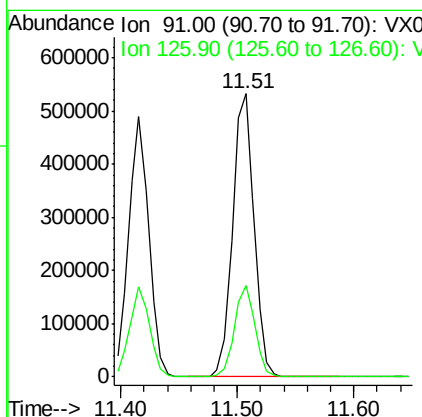
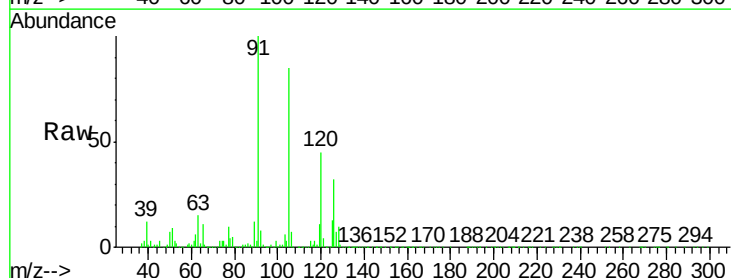
Manual Integrations
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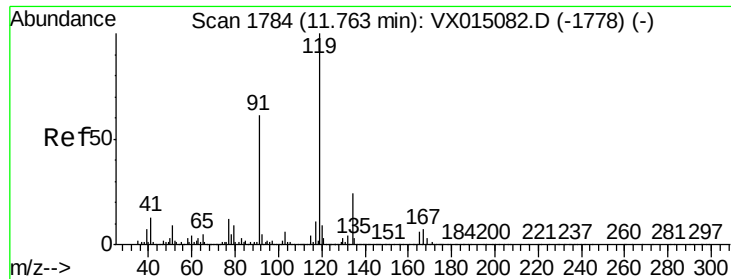
MMDadoda
3/12/2020 2:50:52 PM



#82
4-Chlorotoluene
Concen: 50.23 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.2





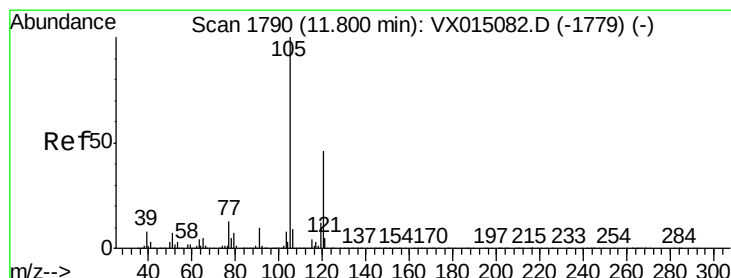
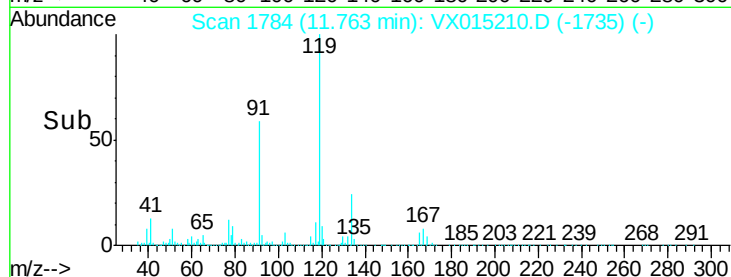
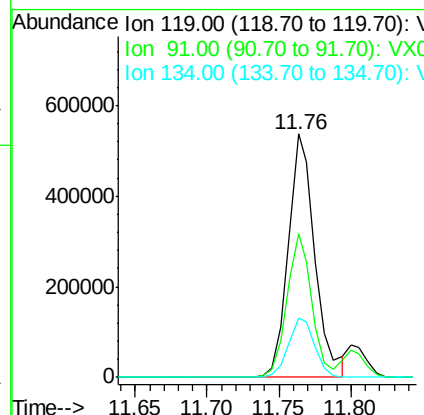
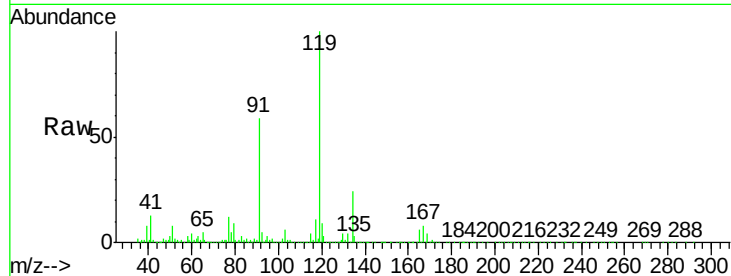
#83
 tert-Butylbenzene
 Concen: 51.44 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	696793		
91	55.2	28.5	85.6	
134	24.0	11.9	35.7	

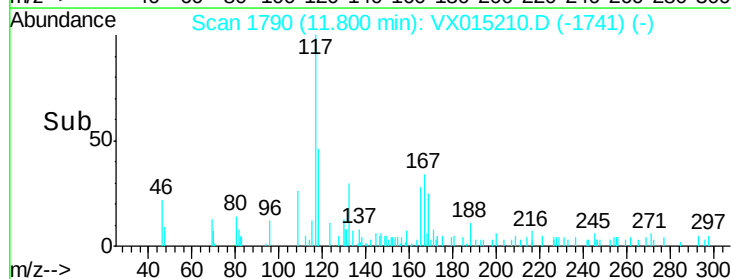
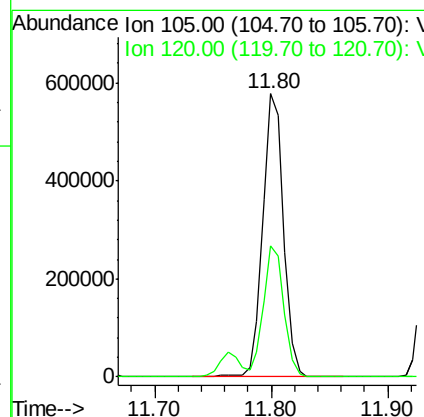
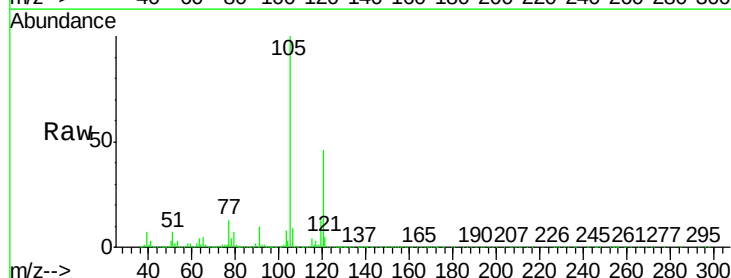
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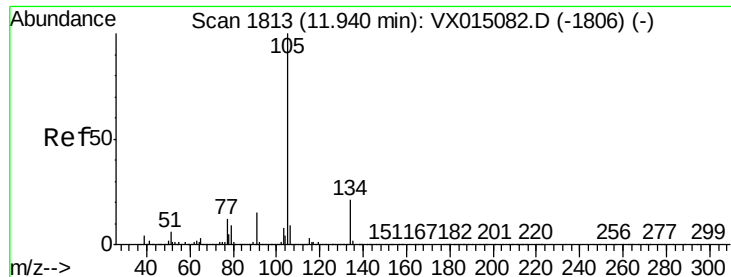
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.91 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	716463		
120	45.4	22.9	68.5	





#85

sec-Butylbenzene

Concen: 51.36 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 839906

Ion Ratio Lower Upper

105 100

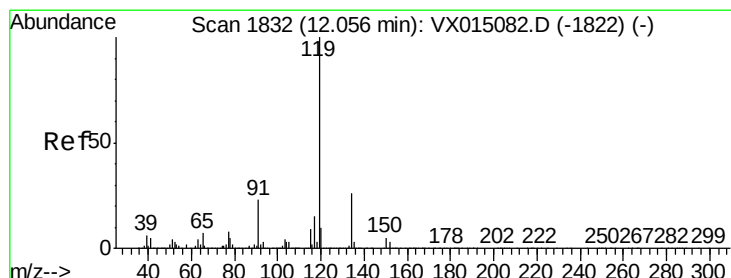
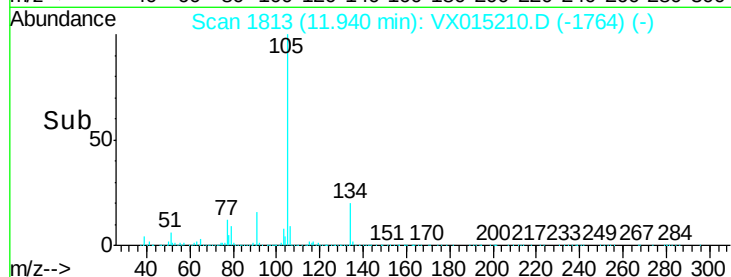
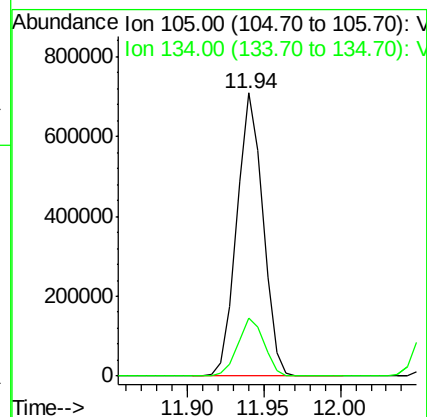
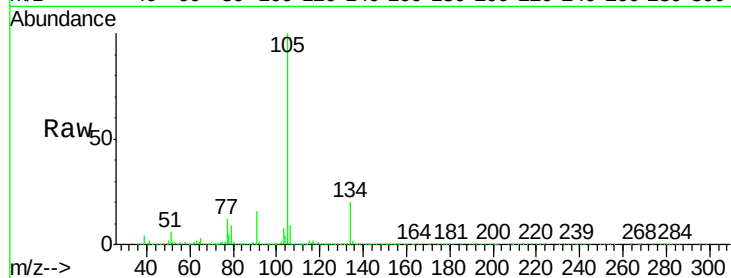
134 20.7 10.4 31.2

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3/12/2020 2:50:52 PM



#86

p-Isopropyltoluene

Concen: 51.16 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015210.D

Acq: 11 Mar 2020 18:48

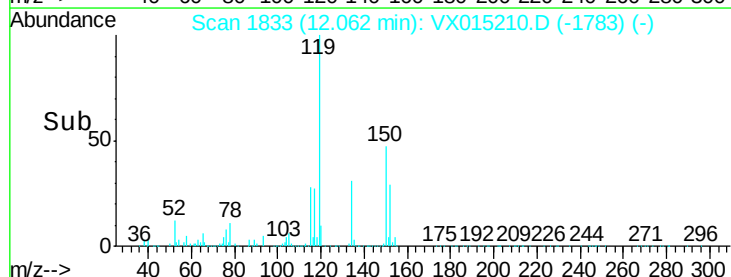
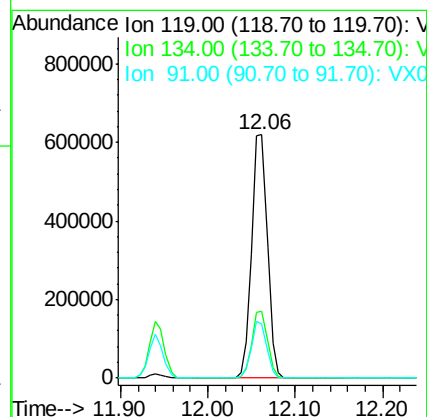
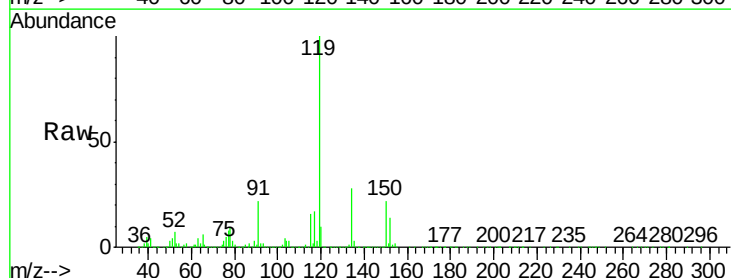
Tgt Ion:119 Resp: 770773

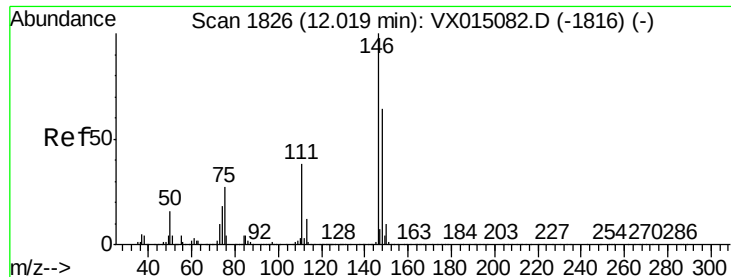
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 22.6 11.3 33.8





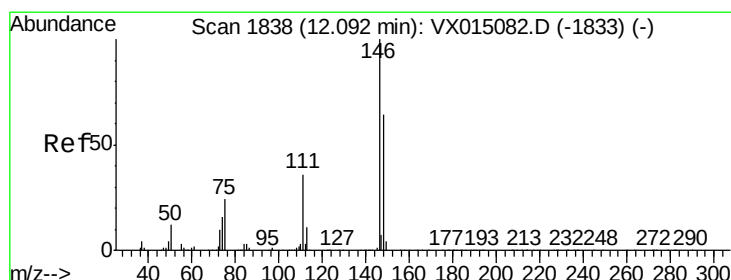
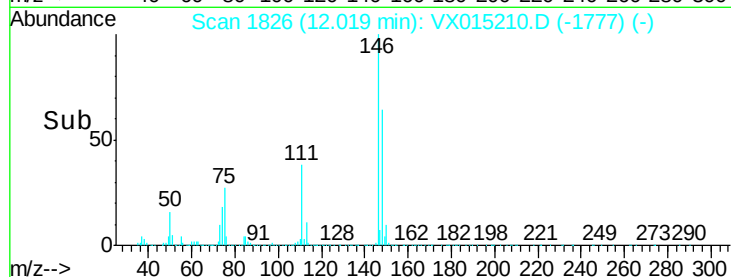
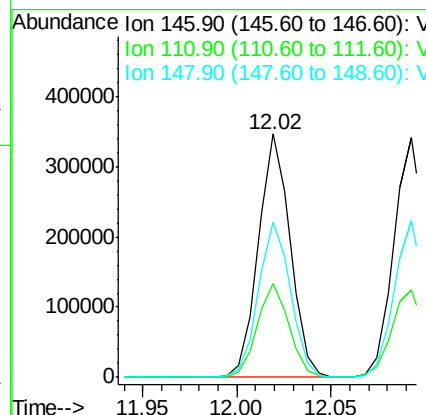
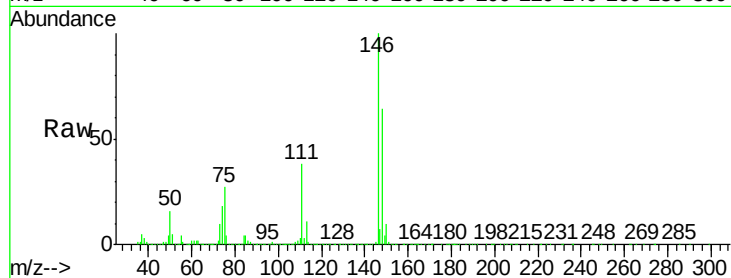
#87
 1,3-Dichlorobenzene
 Concen: 49.29 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	64.5	31.9	95.5

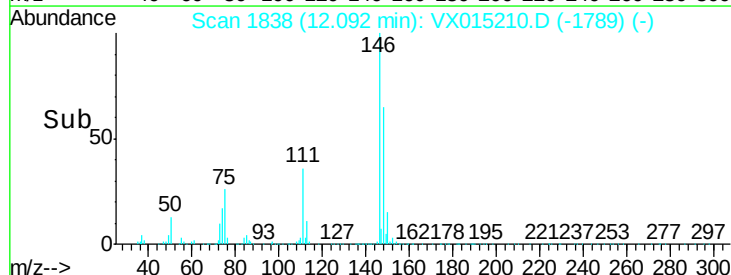
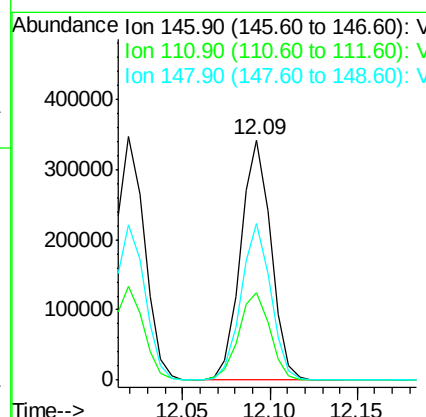
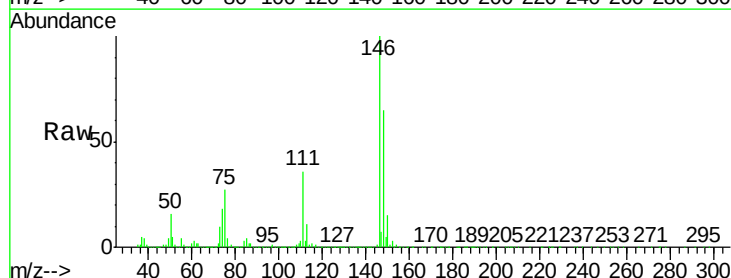
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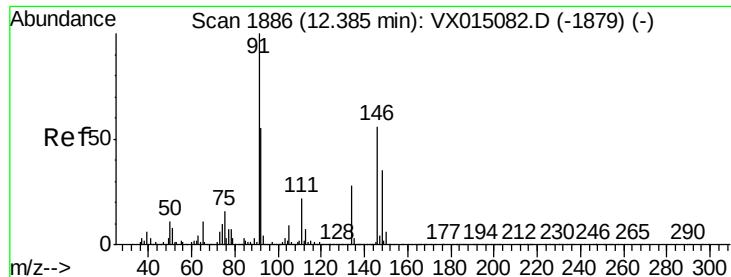
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#88
 1,4-Dichlorobenzene
 Concen: 48.28 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.7	56.1
148	64.1	32.5	97.4





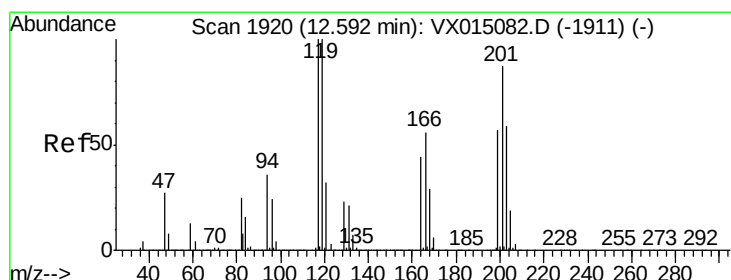
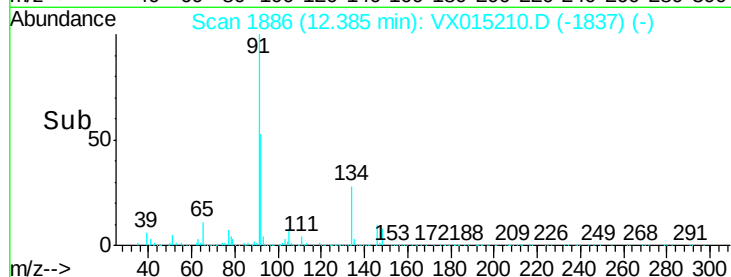
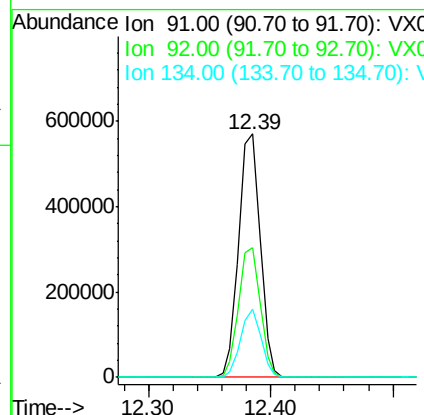
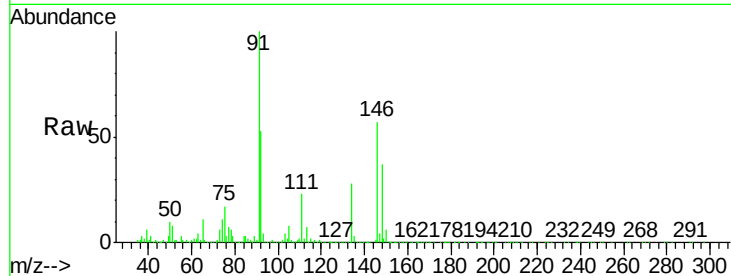
#89
n-Butylbenzene
Concen: 51.77 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
91	100		
92	53.6	27.2	81.6
134	26.8	13.5	40.5

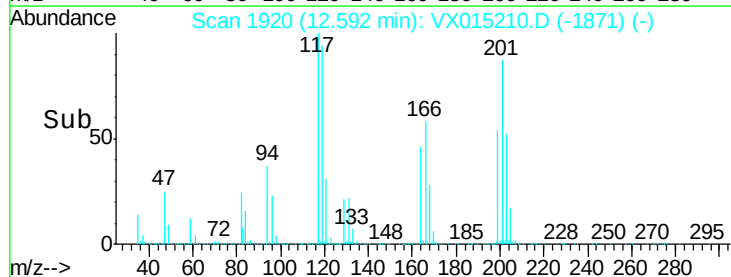
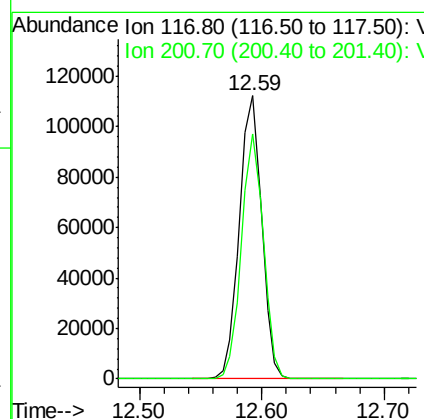
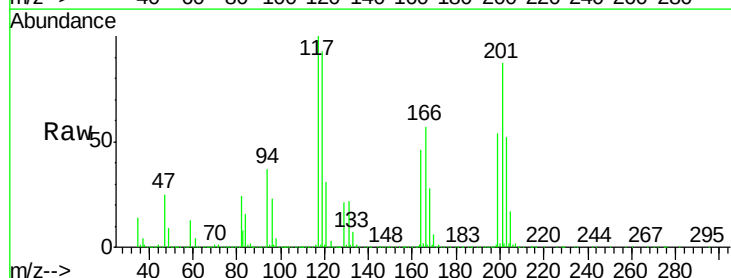
Manual Integrations
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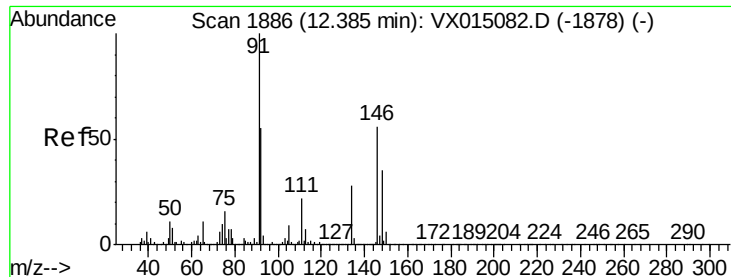
MMDadoda
3/12/2020 2:50:52 PM



#90
Hexachloroethane
Concen: 49.44 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
201	85.2	43.5	130.7





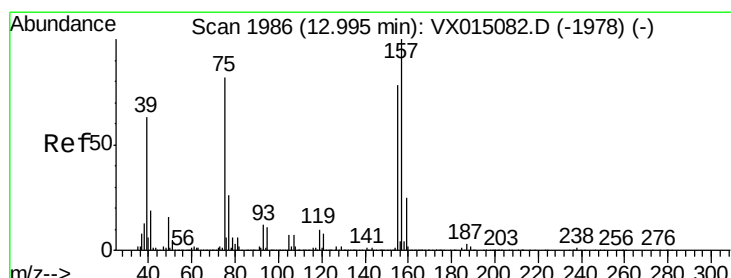
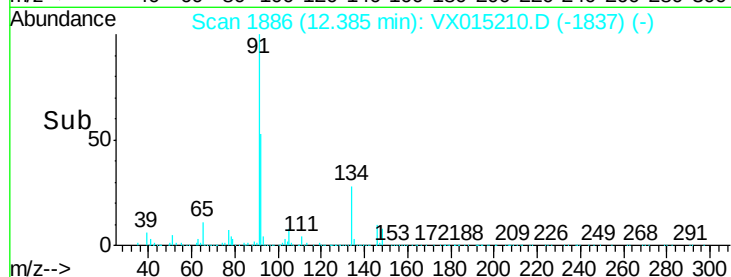
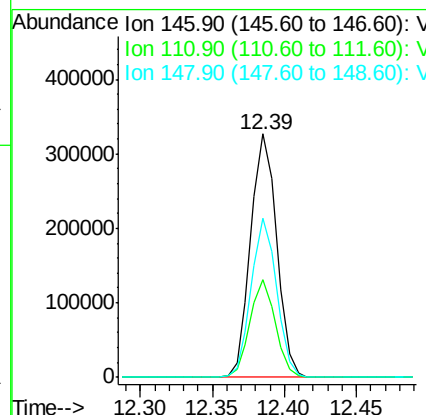
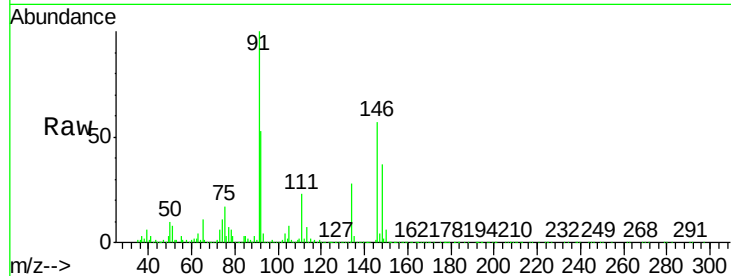
#91
 1,2-Dichlorobenzene
 Concen: 49.81 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	39.0	19.9	59.7
148	64.0	32.3	96.8

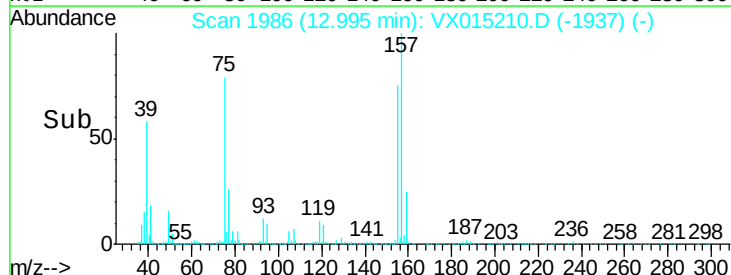
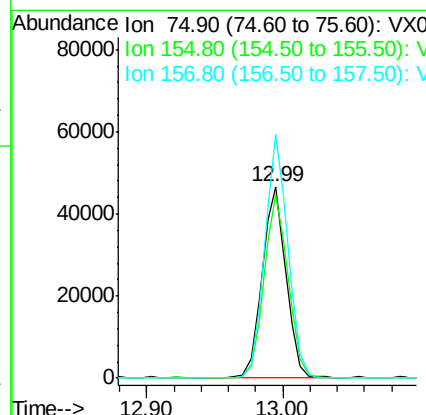
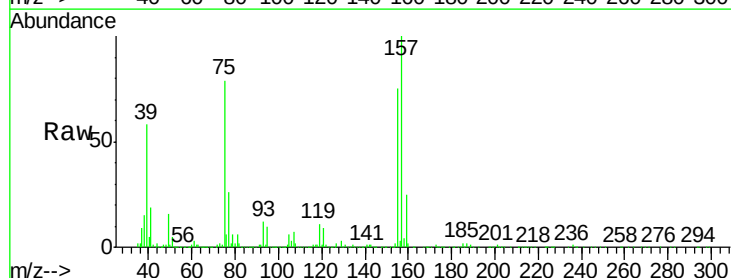
Manual Integrations
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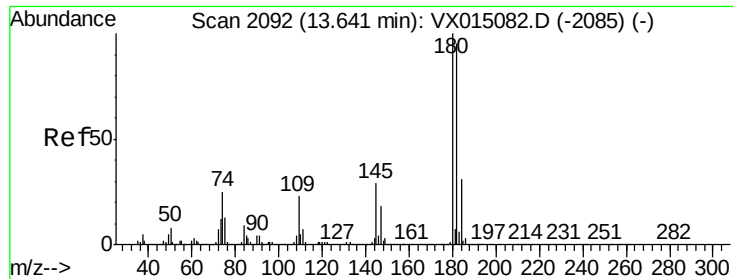
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.48 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
75	100		
155	96.3	46.6	139.7
157	122.4	59.2	177.5





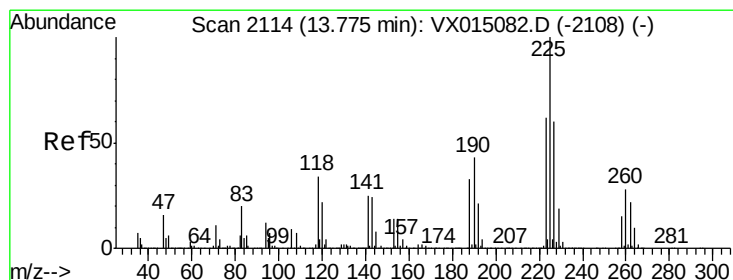
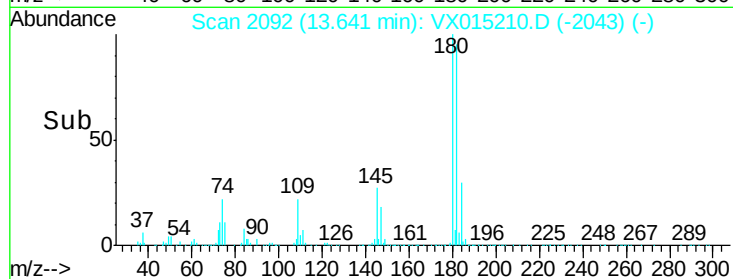
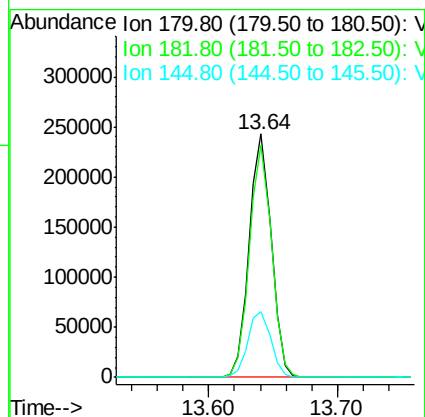
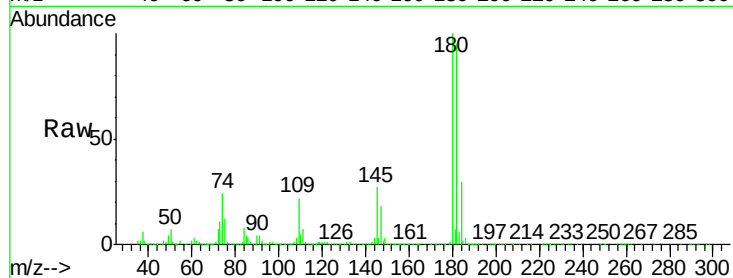
#93
 1,2,4-Trichlorobenzene
 Concen: 50.19 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	285599		
182	95.4	47.6	142.8	
145	28.2	14.1	42.2	

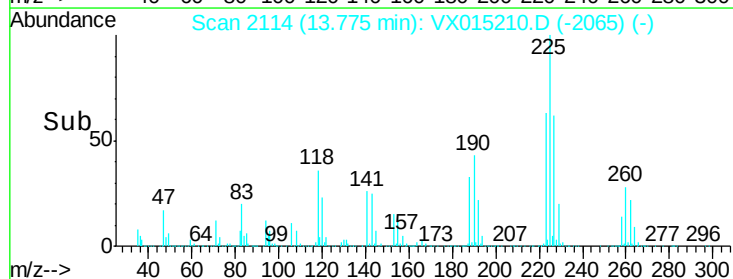
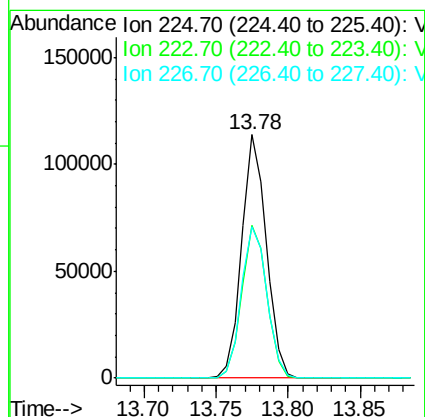
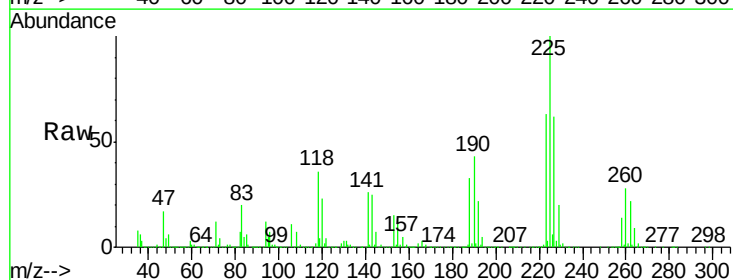
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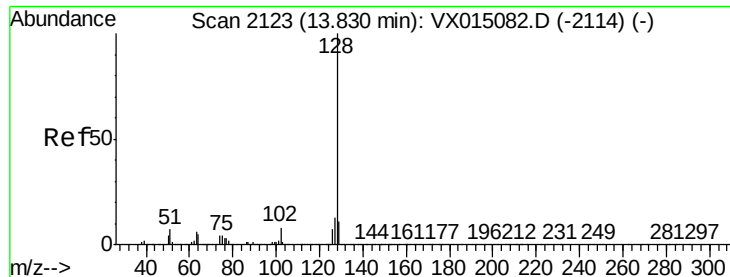
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 46.49 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015210.D
 Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	135741		
223	63.4	31.3	93.9	
227	64.4	31.1	93.2	





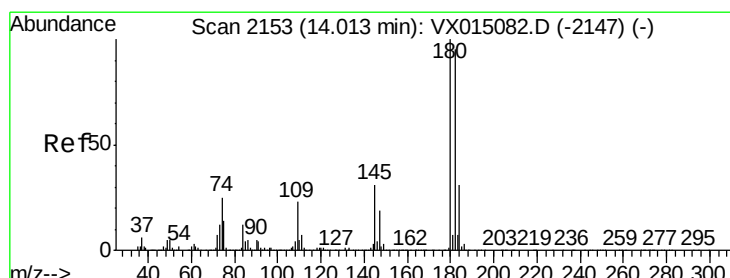
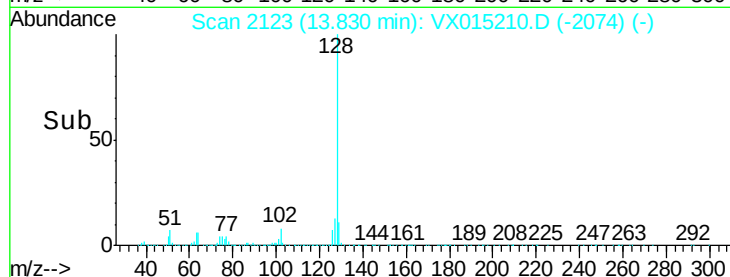
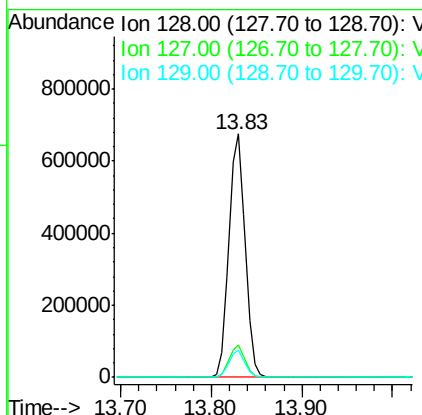
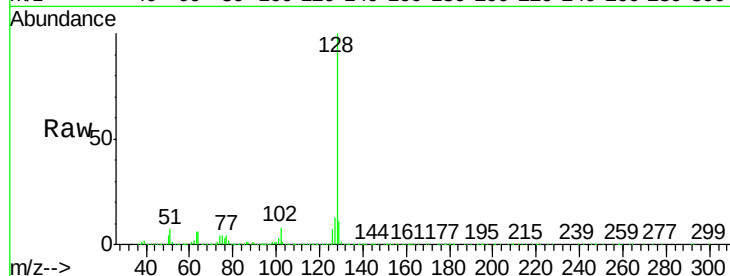
#95
Naphthalene
Concen: 48.14 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/12/2020 2:50:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.70 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015210.D
Acq: 11 Mar 2020 18:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.4
145	29.7	15.1	45.3

