

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022620\
 Data File : VX015031.D
 Acq On : 26 Feb 2020 19:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:48:28 AM

Quant Time: Feb 27 04:01:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	393871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	601001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	554066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	304359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	231217	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	5.49	113	198174	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
50) Toluene-d8	8.71	98	740730	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	11.14	95	275213	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	168599	45.200	ug/l	99
3) Chloromethane	1.32	50	214613	50.749	ug/l	100
4) Vinyl Chloride	1.40	62	221631	48.650	ug/l	98
5) Bromomethane	1.63	94	128469	43.567	ug/l	97
6) Chloroethane	1.72	64	138855	47.636	ug/l	99
7) Trichlorofluoromethane	1.92	101	286053	44.942	ug/l	99
8) Diethyl Ether	2.18	74	130435	49.418	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	177500	48.043	ug/l	98
10) Methyl Iodide	2.50	142	201543	49.026	ug/l	100
11) Tert butyl alcohol	3.03	59	227840	290.297	ug/l	99
12) 1,1-Dichloroethene	2.37	96	178212	49.363	ug/l	99
13) Acrolein	2.28	56	127712	213.499	ug/l	97
14) Allyl chloride	2.72	41	323786	50.585	ug/l	96
15) Acrylonitrile	3.13	53	574601	288.793	ug/l	98
16) Acetone	2.44	43	473263	195.832	ug/l	99
17) Carbon Disulfide	2.56	76	438097	43.432	ug/l	100
18) Methyl Acetate	2.76	43	277203	61.918	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	624541	53.155	ug/l	99
20) Methylene Chloride	2.85	84	207893	48.618	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	192992	48.447	ug/l	99
22) Diisopropyl ether	3.84	45	672378	55.000	ug/l	98
23) Vinyl Acetate	3.80	43	2885701	286.346	ug/l	99
24) 1,1-Dichloroethane	3.69	63	361681	52.421	ug/l	99
25) 2-Butanone	4.65	43	785742	259.642	ug/l	99
26) 2,2-Dichloropropane	4.58	77	272401	45.813	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	231534	51.995	ug/l	98
28) Bromochloromethane	5.01	49	144006	53.848	ug/l	99
29) Tetrahydrofuran	5.11	42	508751	295.730	ug/l	100
30) Chloroform	5.20	83	356070	52.016	ug/l	96
31) Cyclohexane	5.57	56	306352	48.750	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	301241	50.308	ug/l	99
36) 1,1-Dichloropropene	5.79	75	258991	48.174	ug/l	99
37) Ethyl Acetate	4.82	43	309341	55.168	ug/l	100
38) Carbon Tetrachloride	5.78	117	257303	49.111	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	310109	46.122	ug/l	99
40) Benzene	6.14	78	814060	50.679	ug/l	99
41) Methacrylonitrile	5.03	41	170304	56.379	ug/l	98
42) 1,2-Dichloroethane	6.18	62	285140	49.115	ug/l	99
43) Isopropyl Acetate	6.43	43	508651	54.990	ug/l	99
44) Trichloroethene	7.21	130	235347	50.471	ug/l	98
45) 1,2-Dichloropropane	7.51	63	215982	52.723	ug/l	97
46) Dibromomethane	7.65	93	141421	50.504	ug/l	98
47) Bromodichloromethane	7.89	83	283161	51.000	ug/l	96
48) Methyl methacrylate	7.76	41	251648	55.281	ug/l	98
49) 1,4-Dioxane	7.73	88	99648	1170.800	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1603448	287.085	ug/l	99
52) Toluene	8.78	92	516508	50.627	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	310913	51.096	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	343494	51.100	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	217682	52.738	ug/l	98
56) Ethyl methacrylate	9.17	69	343697	55.398	ug/l	98
57) 1,3-Dichloropropane	9.37	76	362570	52.182	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	882491	271.982	ug/l	99
59) 2-Hexanone	9.48	43	1216981	277.211	ug/l	99
60) Dibromochloromethane	9.57	129	236141	53.161	ug/l	99
61) 1,2-Dibromoethane	9.67	107	228039	51.203	ug/l	100
64) Tetrachloroethene	9.33	164	221434	42.745	ug/l	97
65) Chlorobenzene	10.14	112	566534	50.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	213183	52.252	ug/l	99
67) Ethyl Benzene	10.25	91	986954	51.640	ug/l	99
68) m/p-Xylenes	10.35	106	749006	101.730	ug/l	99
69) o-Xylene	10.70	106	367227	51.886	ug/l	97
70) Styrene	10.71	104	643555	53.749	ug/l	99
71) Bromoform	10.85	173	184196	54.088	ug/l	100
73) Isopropylbenzene	11.01	105	971607	50.905	ug/l	100
74) N-amyl acetate	10.89	43	437762	55.199	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	333874	53.512	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	274343m	49.846	ug/l	
77) Bromobenzene	11.25	156	266361	49.999	ug/l	99
78) n-propylbenzene	11.35	91	1114182	50.471	ug/l	100
79) 2-Chlorotoluene	11.42	91	654773	50.452	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	808156	50.674	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	113398	52.739	ug/l	98
82) 4-Chlorotoluene	11.51	91	765631	49.817	ug/l	99
83) tert-Butylbenzene	11.76	119	805685	53.349	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	821555	51.117	ug/l	99
85) sec-Butylbenzene	11.94	105	945923	50.419	ug/l	99
86) p-Isopropyltoluene	12.06	119	877975	50.009	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	467681	48.936	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	464036	47.547	ug/l	100
89) n-Butylbenzene	12.39	91	774434	49.253	ug/l	100
90) Hexachloroethane	12.59	117	159421	51.997	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	462609	49.359	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72860	49.776	ug/l	99

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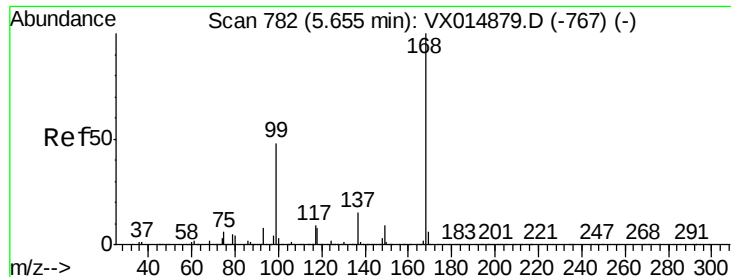
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	339037	49.010	ug/l	97
94) Hexachlorobutadiene	13.78	225	159085	47.545	ug/l	98
95) Naphthalene	13.83	128	1010705	54.950	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	333236	49.859	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 393871

Ion Ratio Lower Upper

168 100

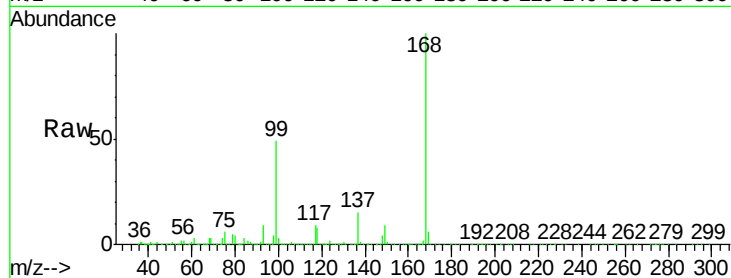
99 48.6 38.7 58.1

Manual Integrations

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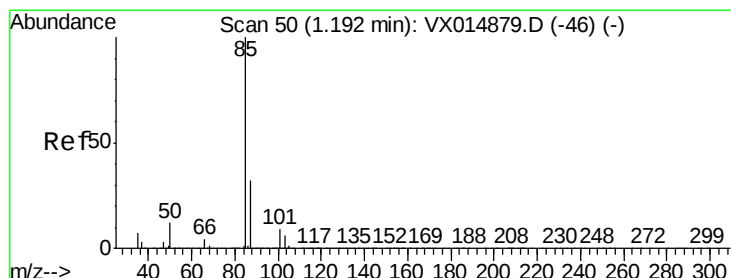
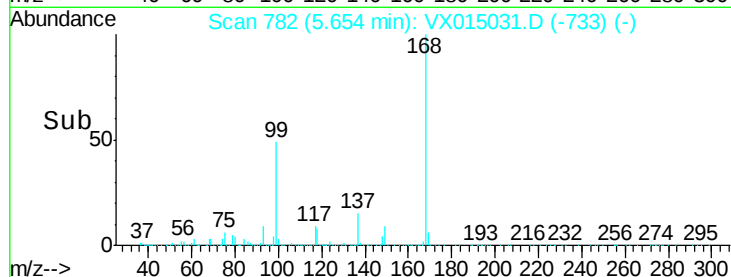
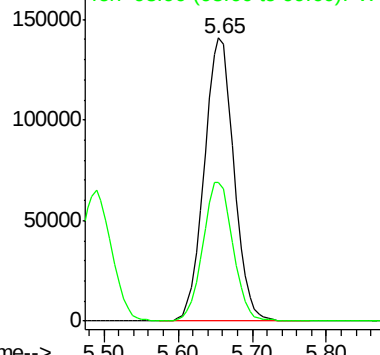
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.200 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015031.D

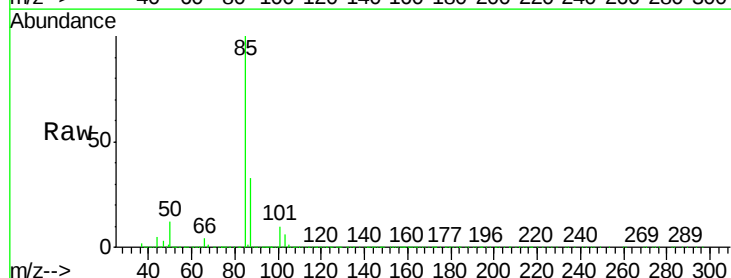
Acq: 26 Feb 2020 19:08

Tgt Ion: 85 Resp: 168599

Ion Ratio Lower Upper

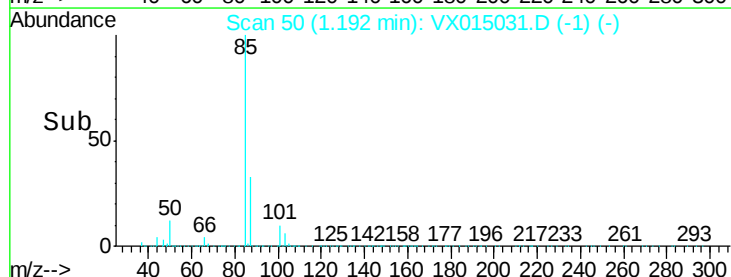
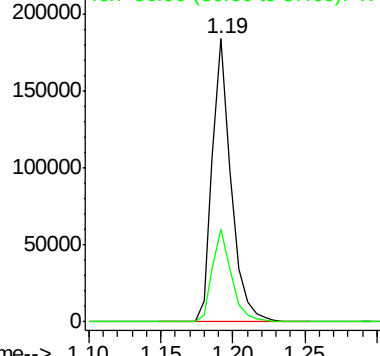
85 100

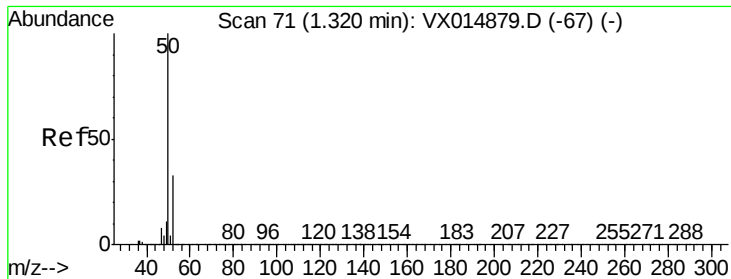
87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.749 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 214613

Ion Ratio Lower Upper

50 100

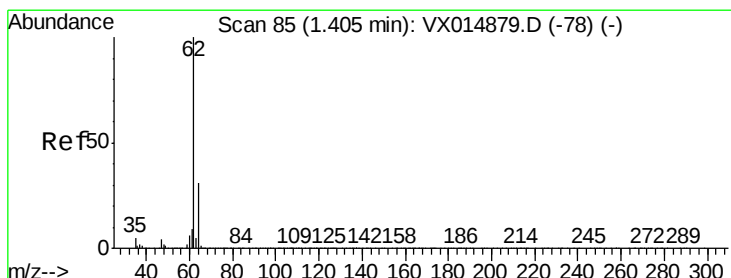
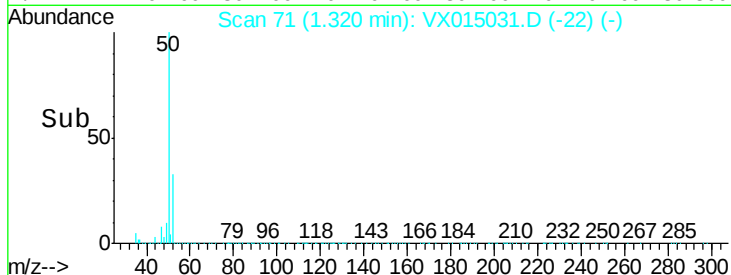
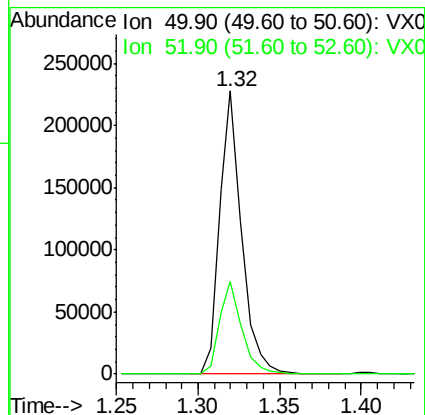
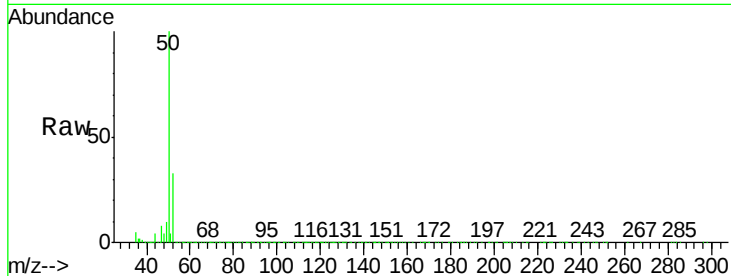
52 32.8 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.650 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015031.D

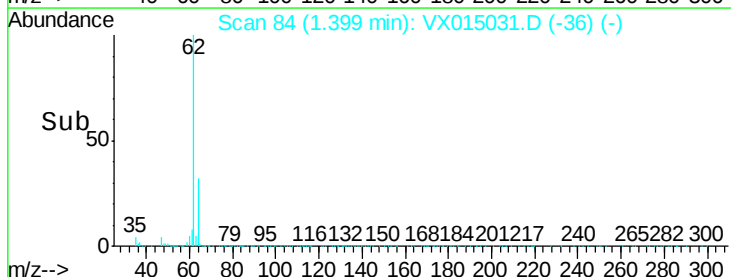
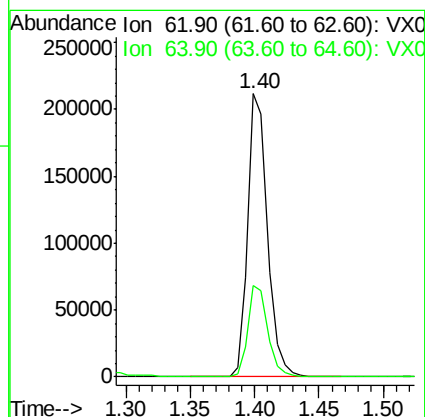
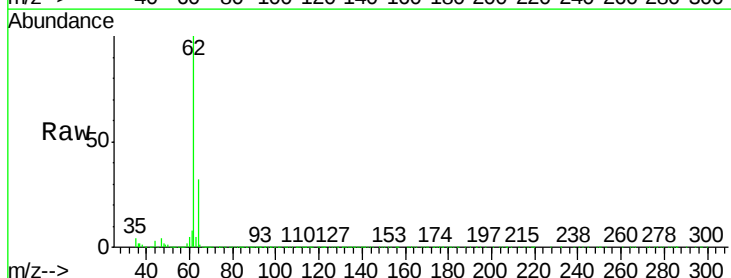
Acq: 26 Feb 2020 19:08

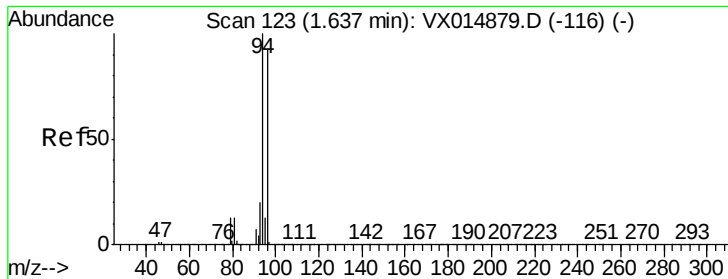
Tgt Ion: 62 Resp: 221631

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 43.567 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 128469

Ion Ratio Lower Upper

94 100

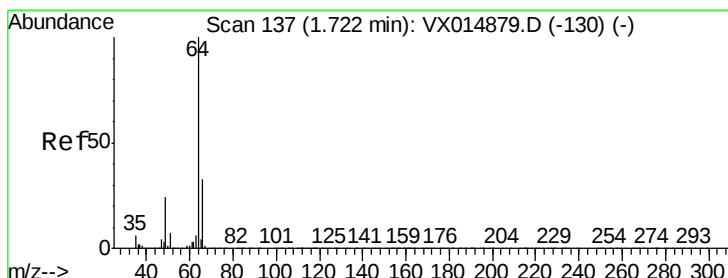
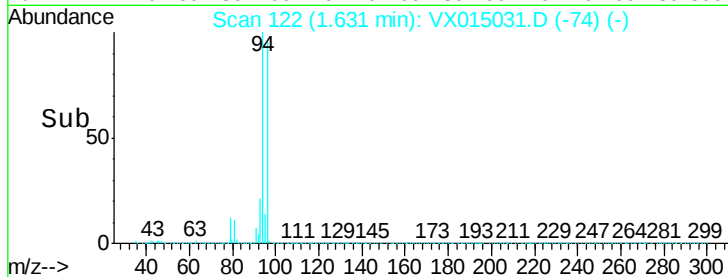
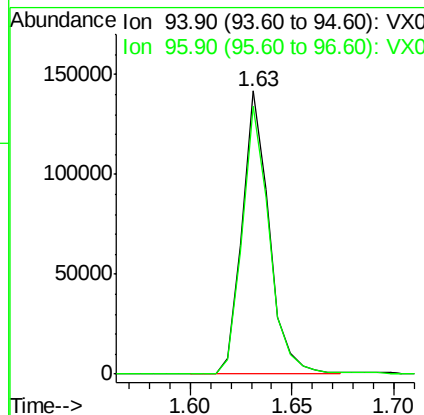
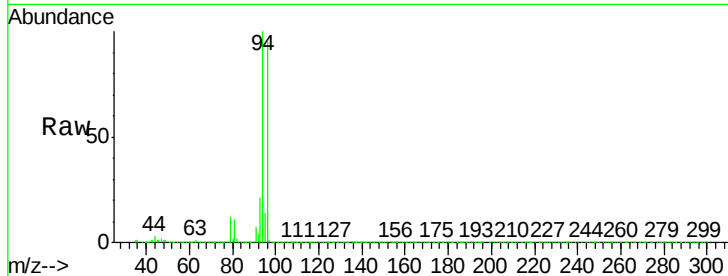
96 94.7 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 47.636 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015031.D

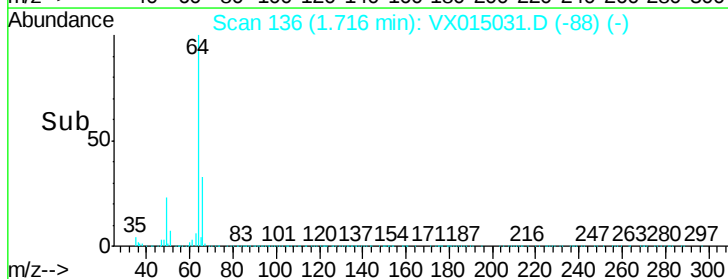
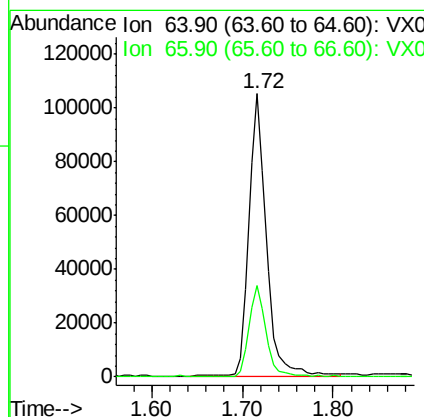
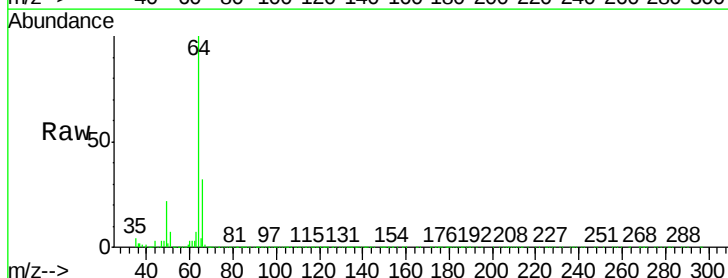
Acq: 26 Feb 2020 19:08

Tgt Ion: 64 Resp: 138855

Ion Ratio Lower Upper

64 100

66 32.2 26.2 39.4





#7

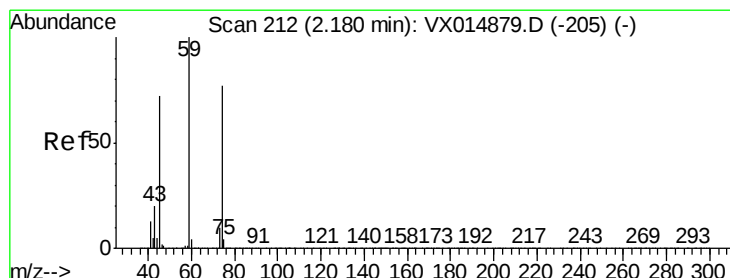
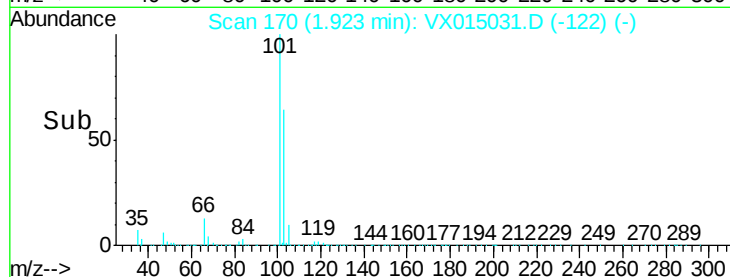
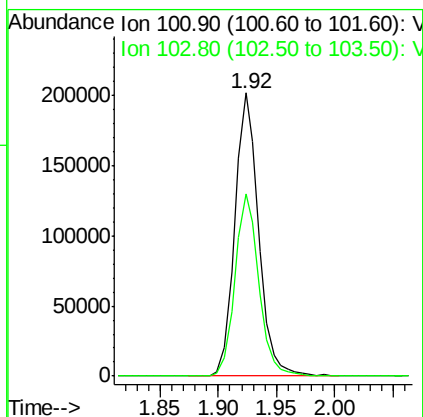
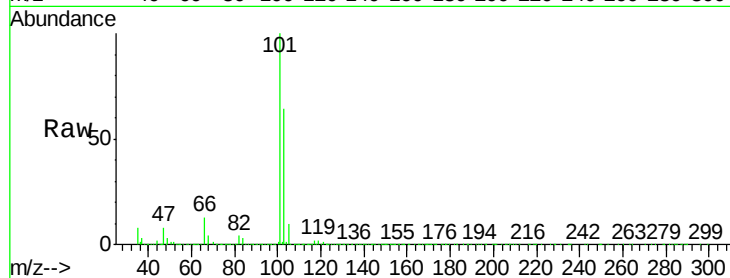
Trichlorofluoromethane
Concen: 44.942 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.2	78.4

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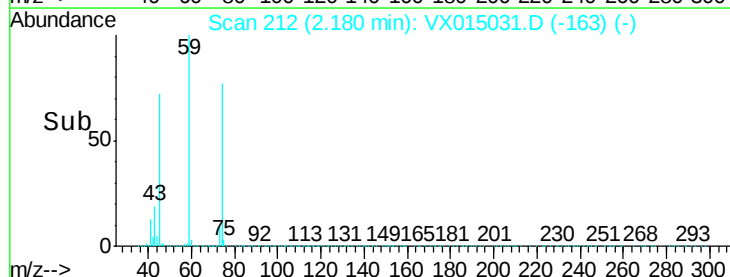
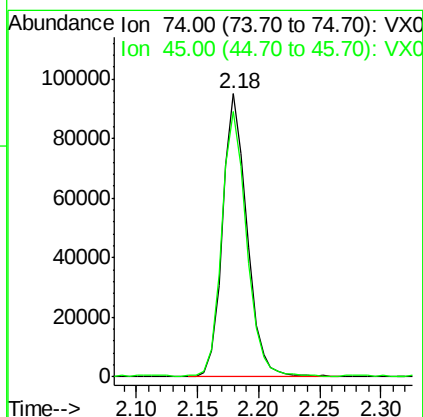
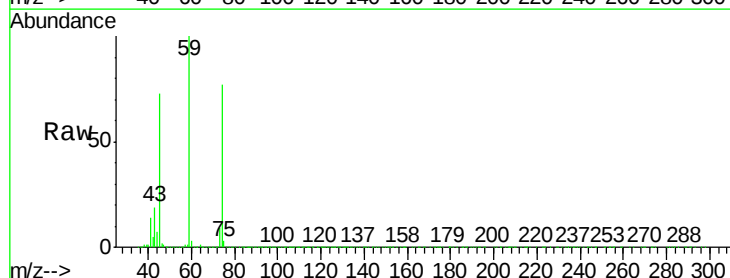
MMDadoda
2/27/2020 10:48:28 AM

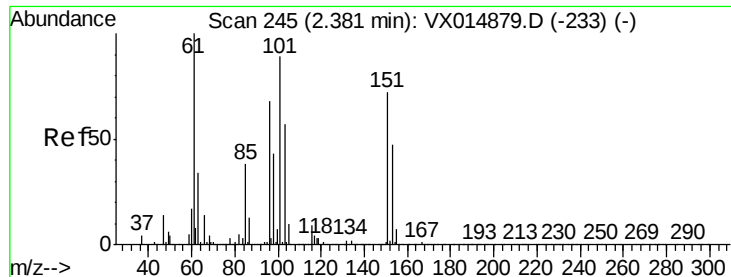


#8

Diethyl Ether
Concen: 49.418 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.043 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015031.D

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MSVOA_X

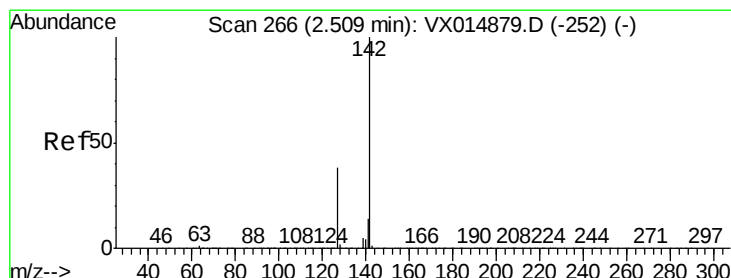
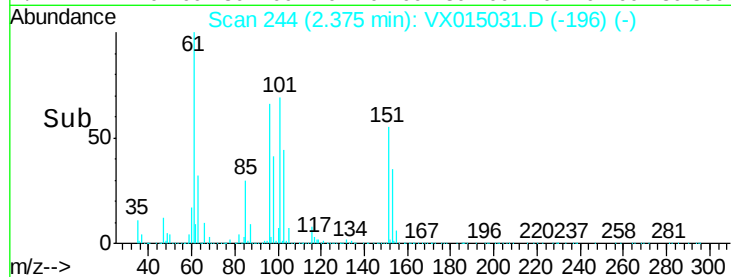
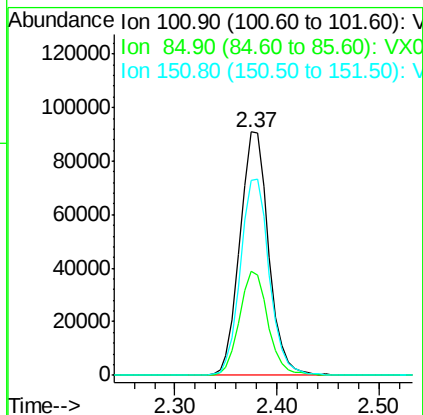
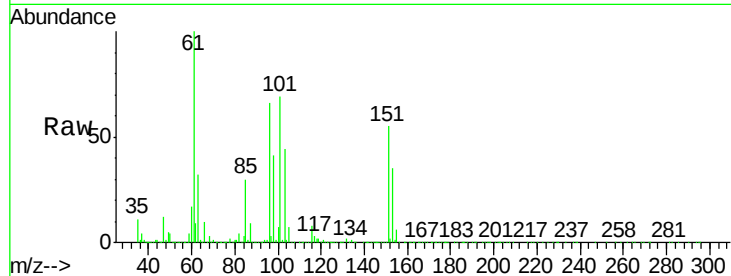
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	177500
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.1	51.1
151	81.2	67.3	100.9

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#10

Methyl Iodide

Concen: 49.026 ug/l

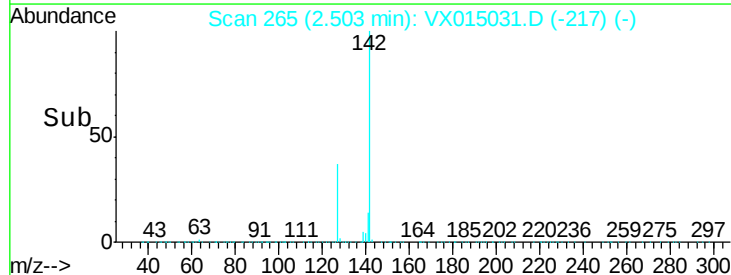
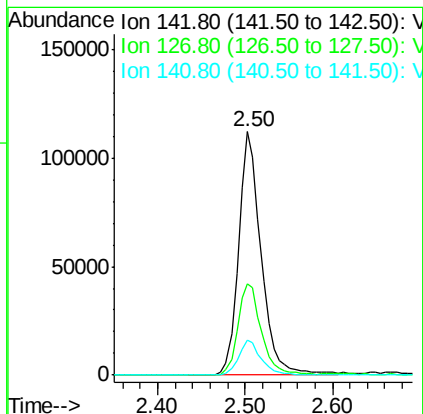
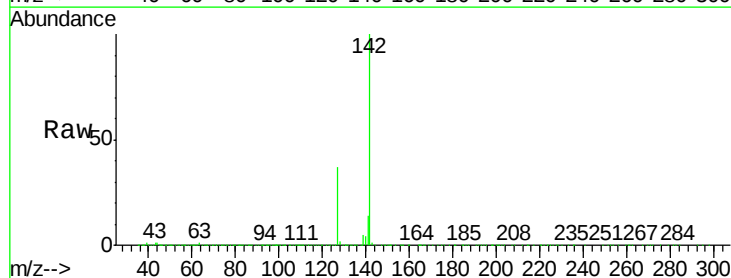
RT: 2.50 min Scan# 265

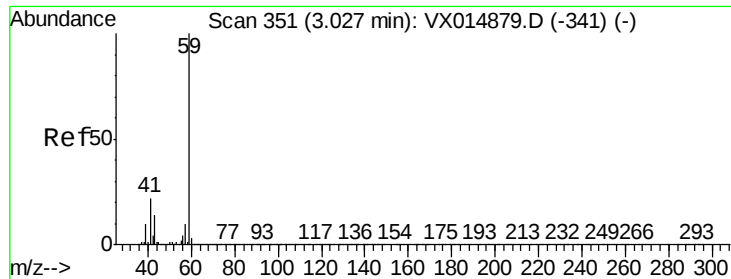
Delta R.T. -0.01 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Tgt Ion:	142	Resp:	201543
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.1	46.7
141	14.6	11.3	16.9





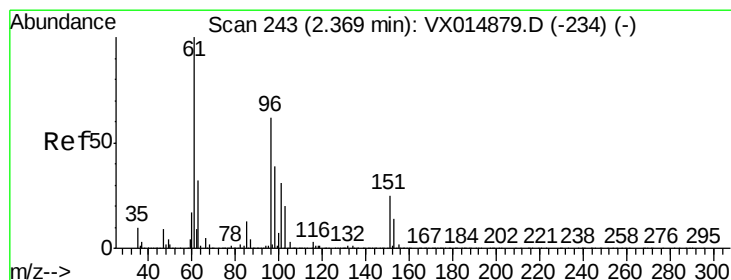
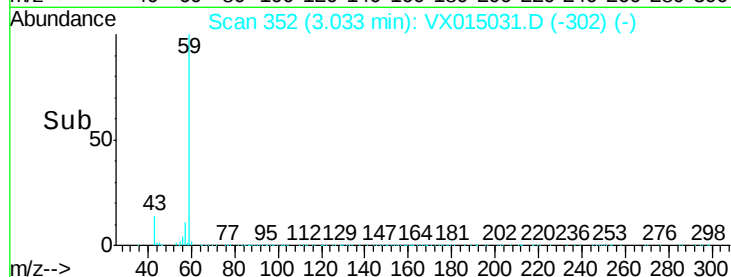
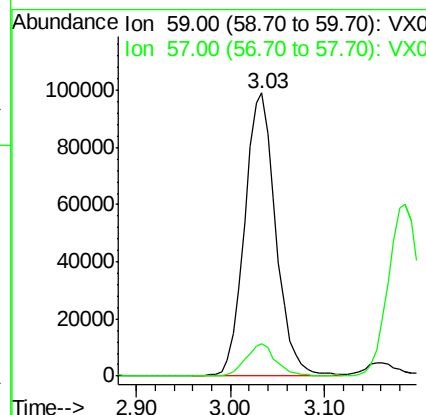
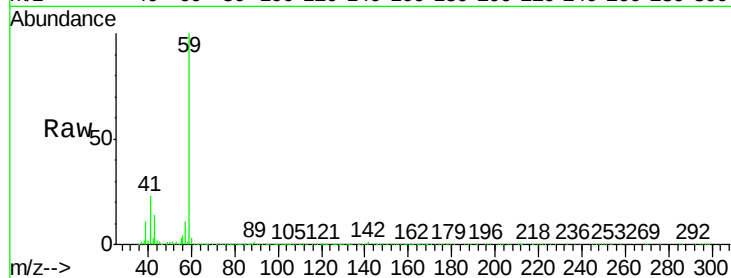
#11
Tert butyl alcohol
Concen: 290.297 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.4

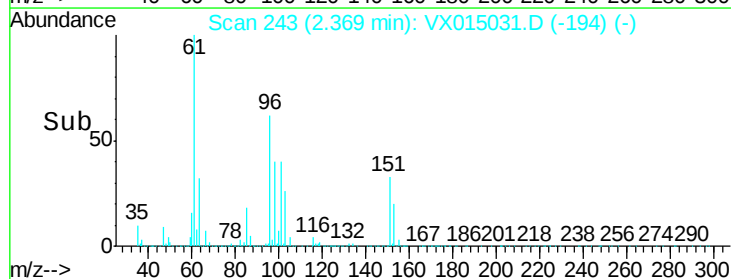
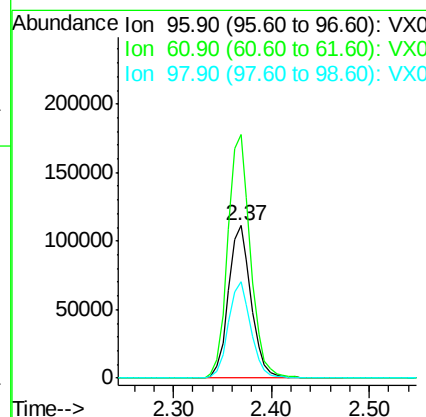
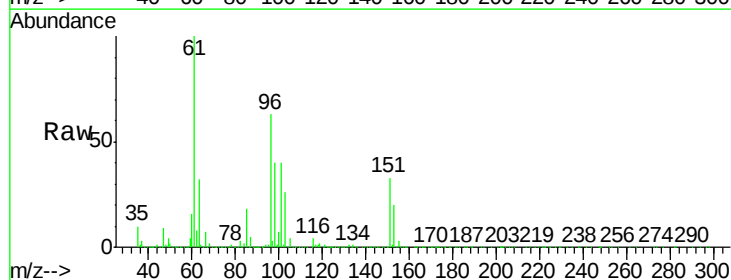
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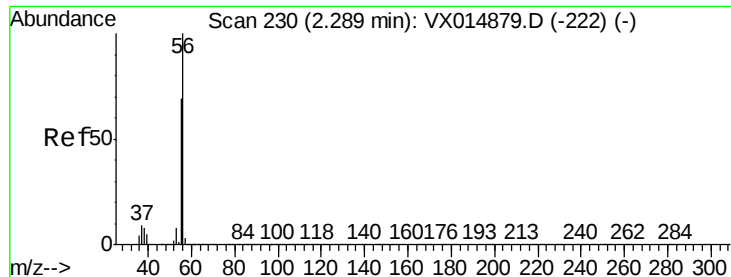
MMDadoda
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#12
1,1-Dichloroethene
Concen: 49.363 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.9	129.5	194.3
98	63.5	50.6	76.0





#13

Acrolein

Concen: 213.499 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 127712

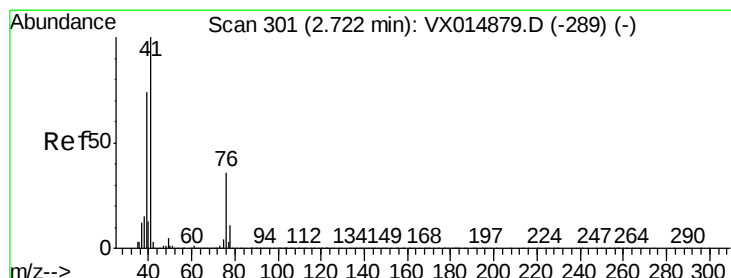
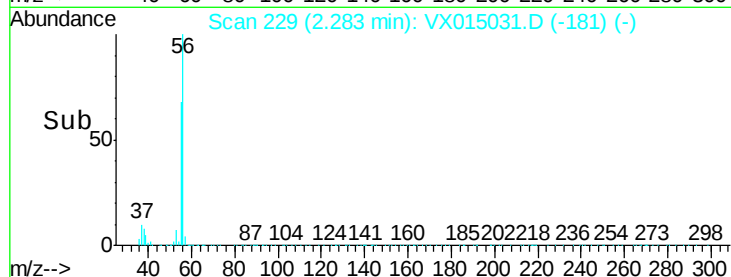
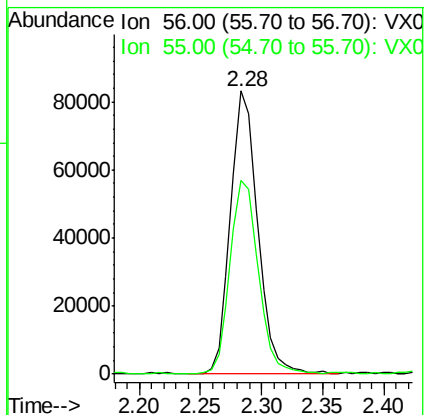
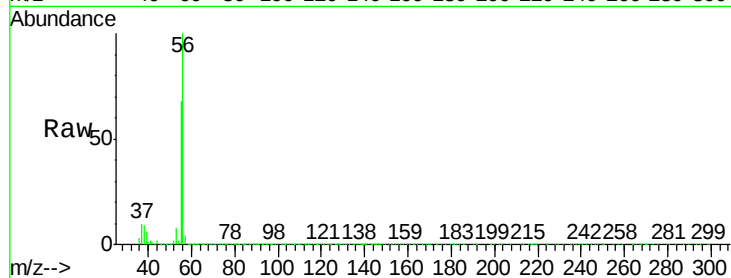
Ion Ratio Lower Upper

56 100

55 71.0 55.0 82.4

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#14

Allyl chloride

Concen: 50.585 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

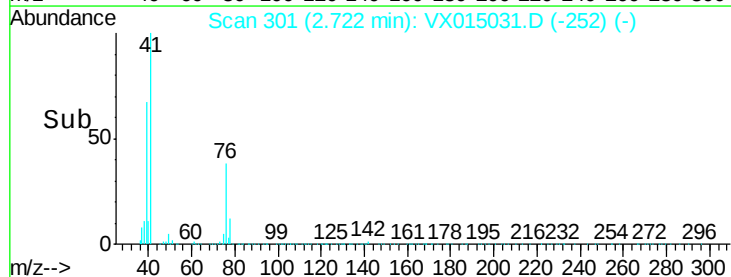
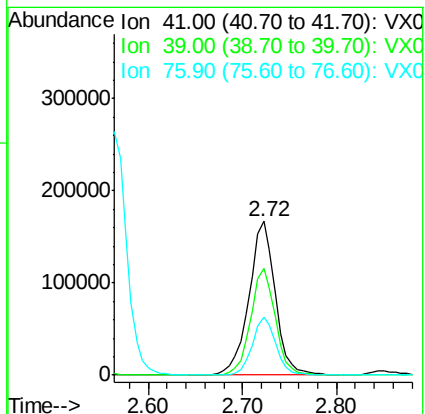
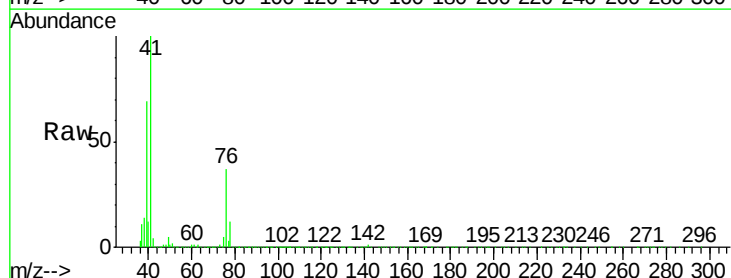
Tgt Ion: 41 Resp: 323786

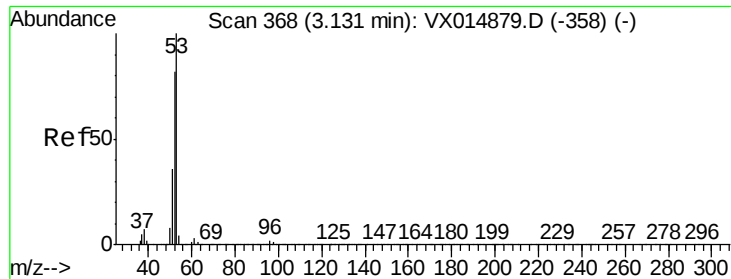
Ion Ratio Lower Upper

41 100

39 64.5 55.2 82.8

76 33.5 26.8 40.2





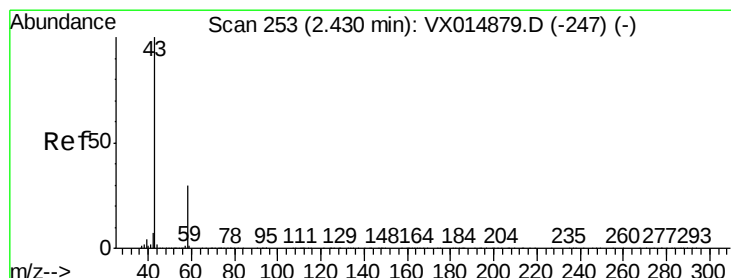
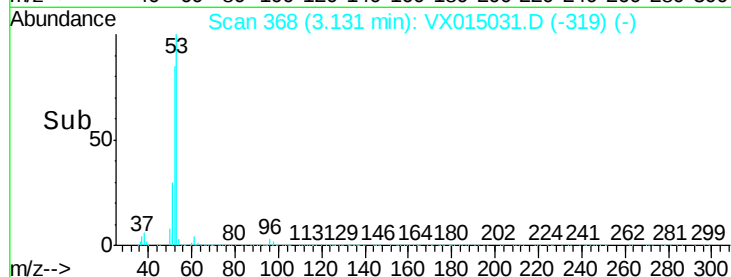
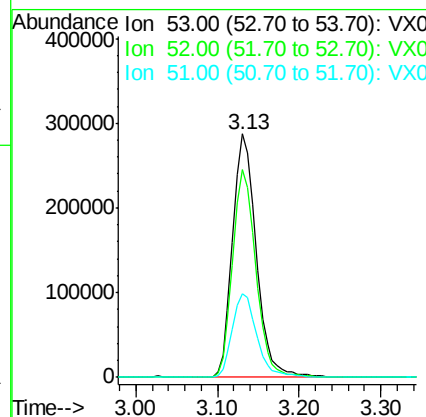
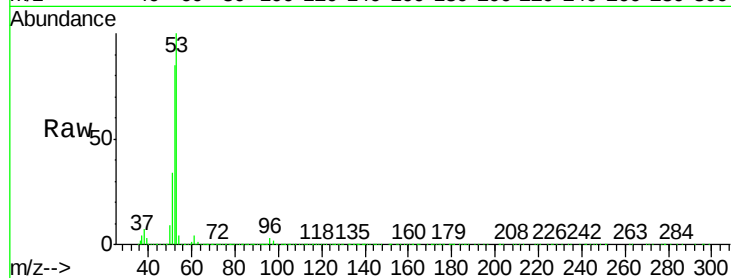
#15
Acrylonitrile
Concen: 288.793 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	53	Resp:	574601
Ion Ratio	Lower	Upper	
53	100		
52	84.1	65.8	98.6
51	35.4	29.1	43.7

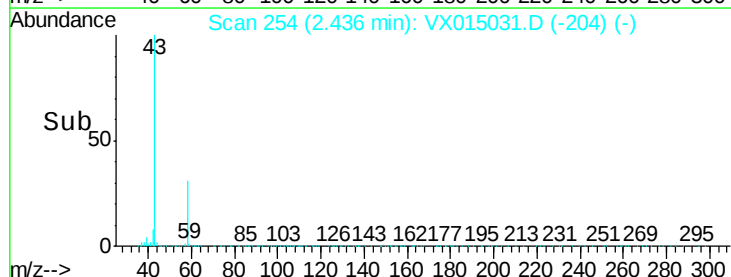
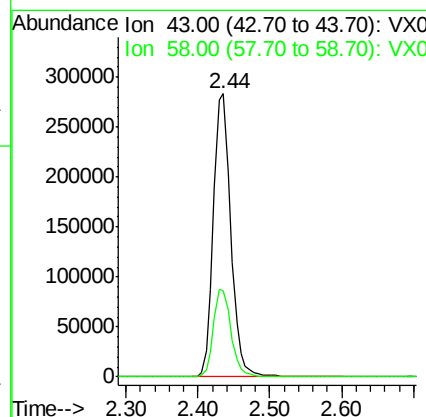
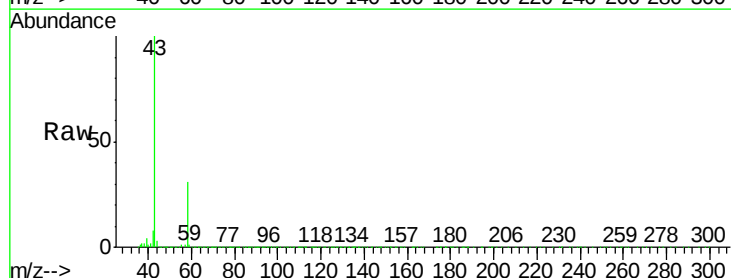
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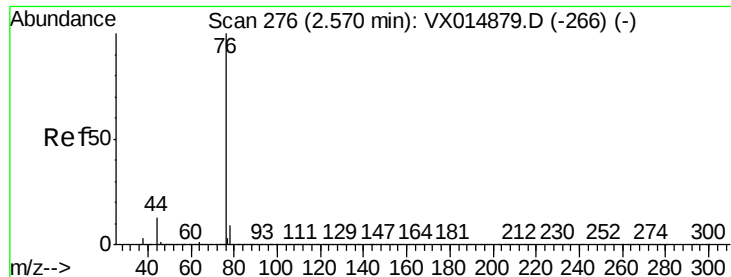
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#16
Acetone
Concen: 195.832 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion:	43	Resp:	473263
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.1	36.1





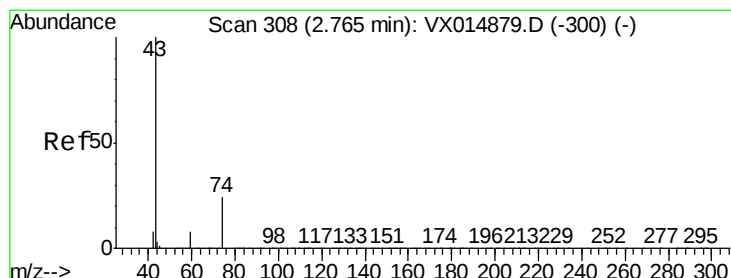
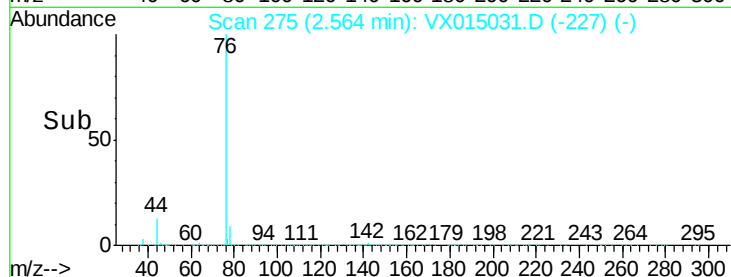
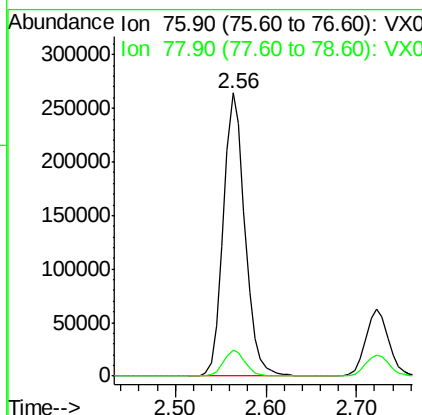
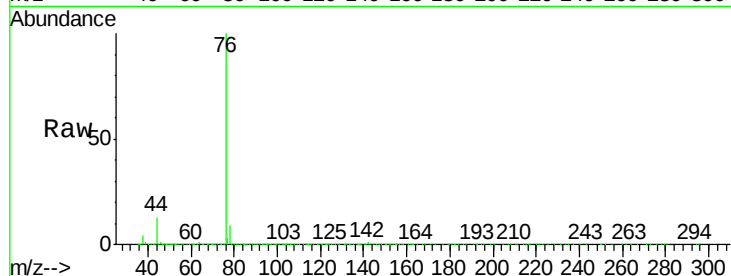
#17
Carbon Disulfide
Concen: 43.432 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

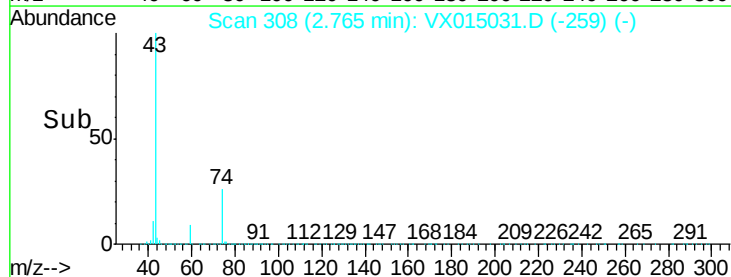
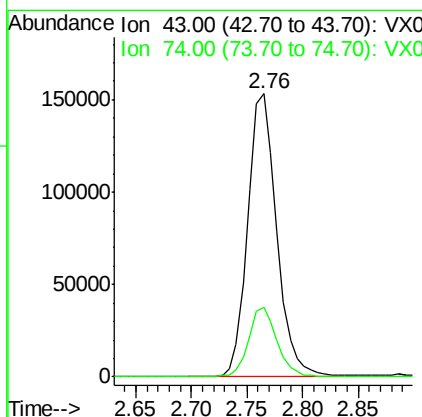
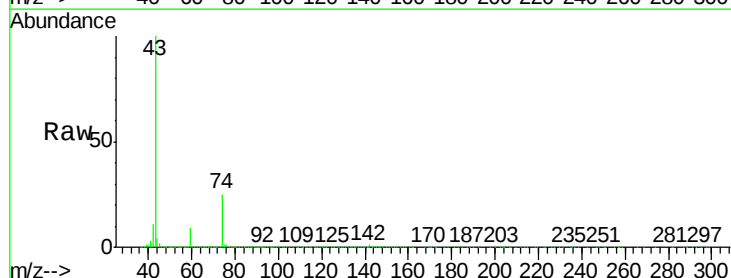
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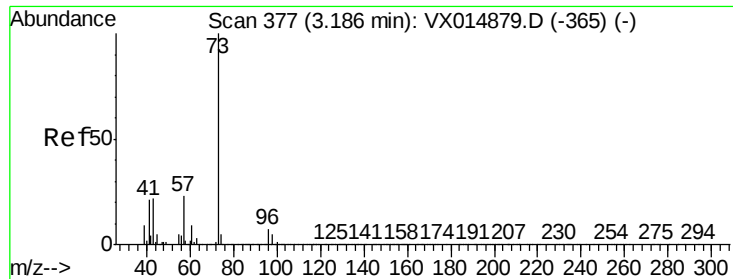
MMDadoda
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#18
Methyl Acetate
Concen: 61.918 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.4	29.0





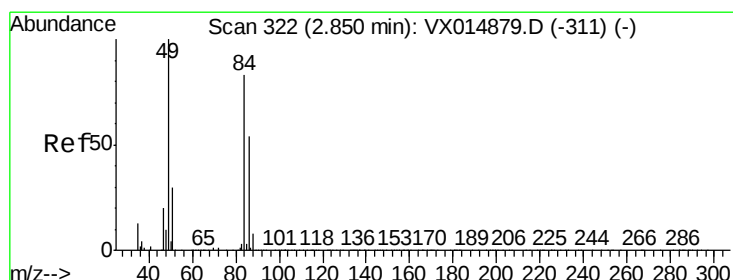
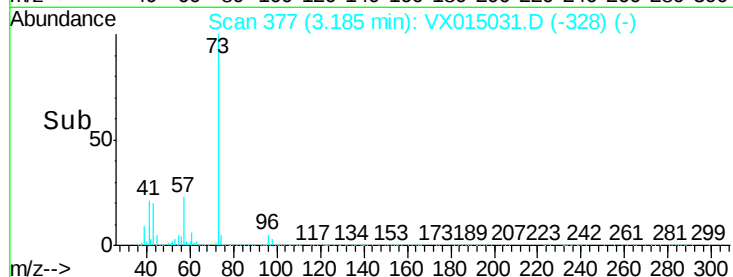
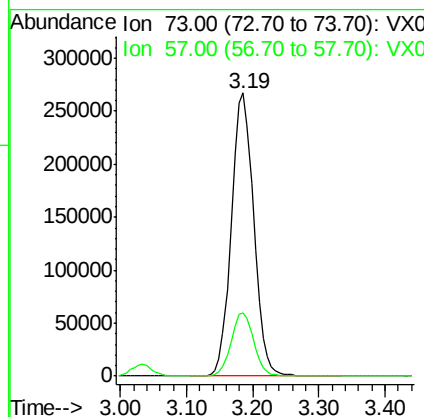
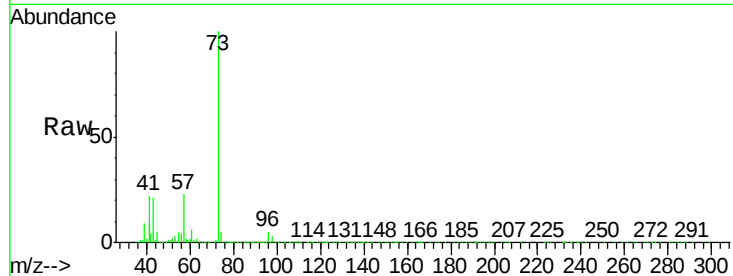
#19
Methvl tert-butvl Ether
Concen: 53.155 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.2	27.4

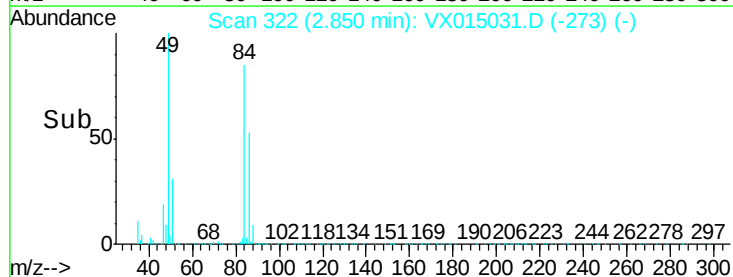
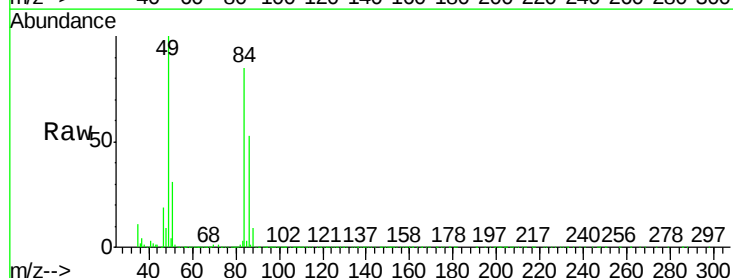
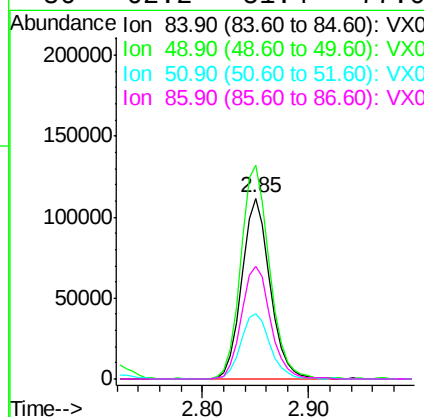
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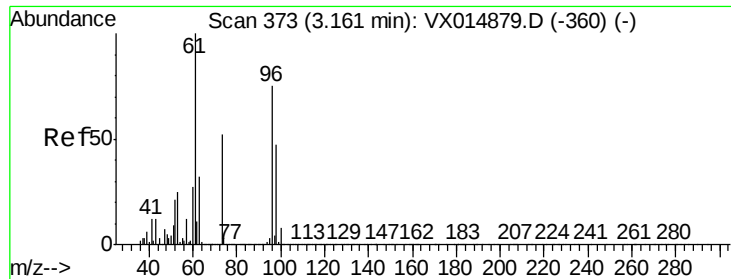
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#20
Methylene Chloride
Concen: 48.618 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.2	95.6	143.4
51	35.8	29.0	43.6
86	62.2	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 48.447 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

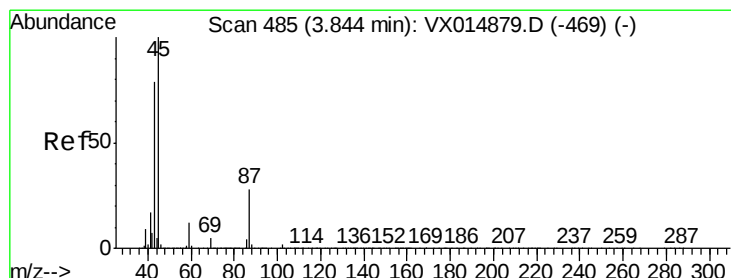
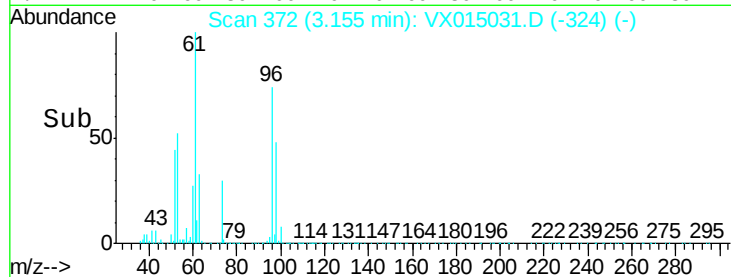
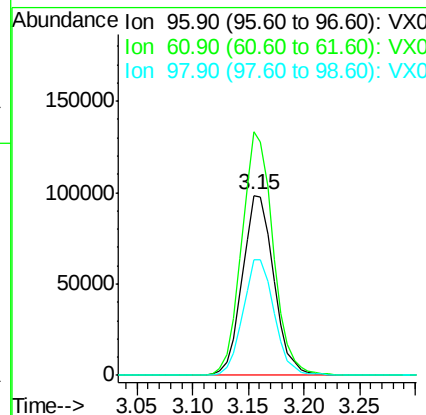
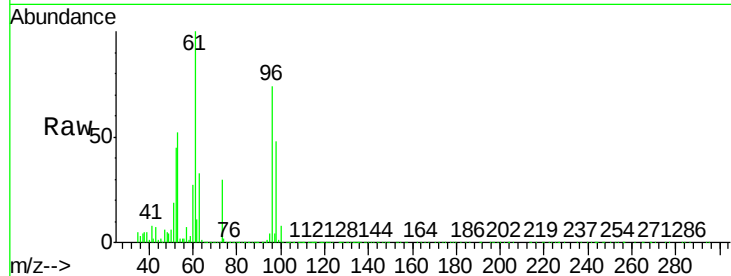
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	192992
Ion Ratio	Lower	Upper	
96	100		
61	135.3	106.9	160.3
98	64.4	50.7	76.1

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#22

Diisopropyl ether

Concen: 55.000 ug/l

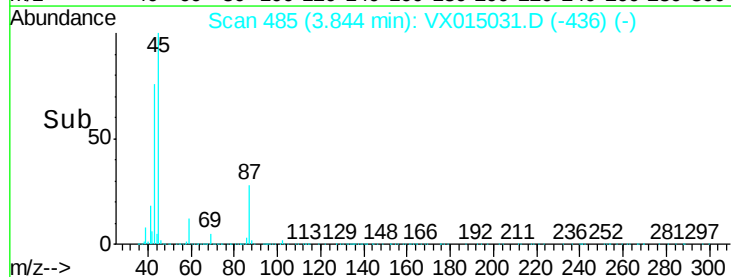
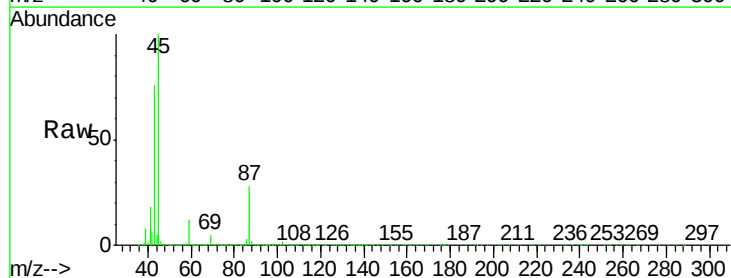
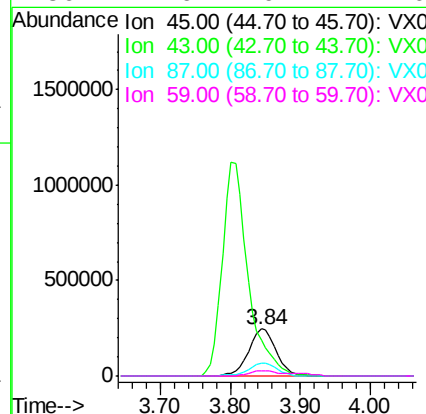
RT: 3.84 min Scan# 485

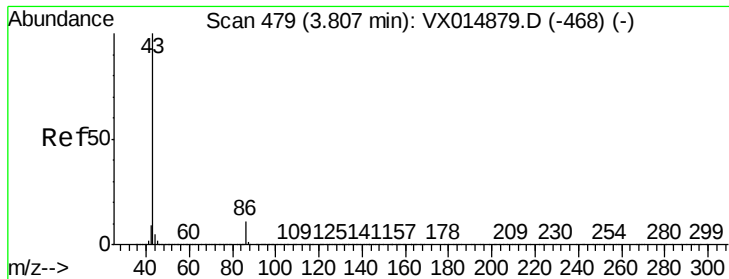
Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Tgt Ion:	45	Resp:	672378
Ion Ratio	Lower	Upper	
45	100		
43	76.4	63.5	95.3
87	27.7	22.2	33.4
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 286.346 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDC0050EC

Tot Ion: 43 Resp: 2885701

Ion Ratio Lower Upper

43 100

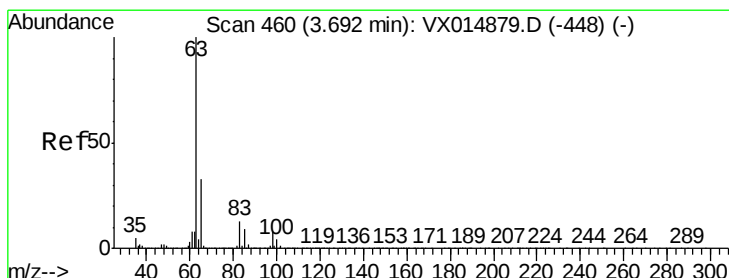
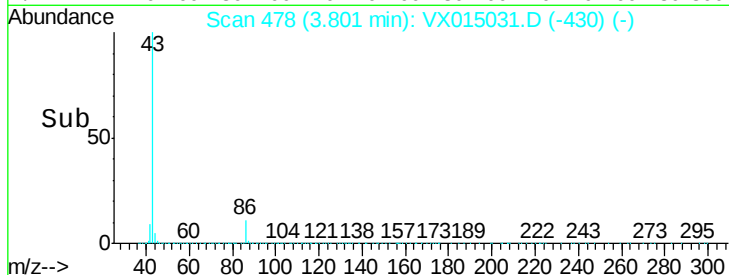
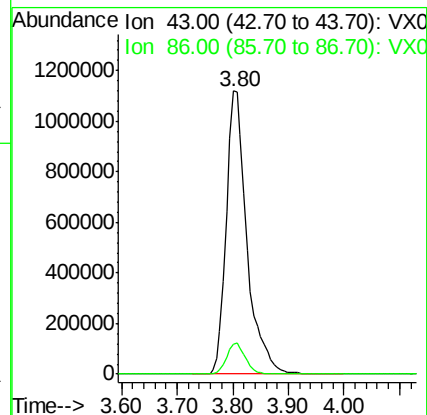
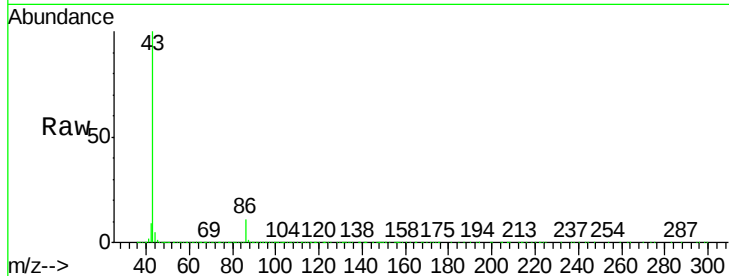
86 10.7 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 52.421 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

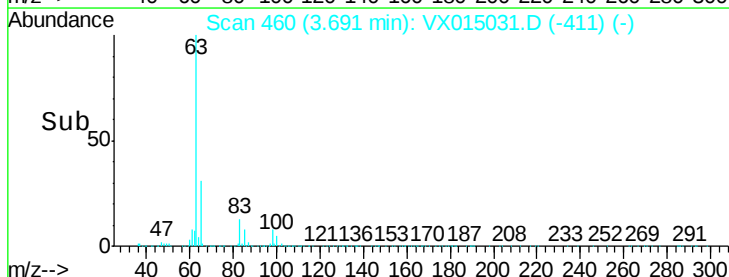
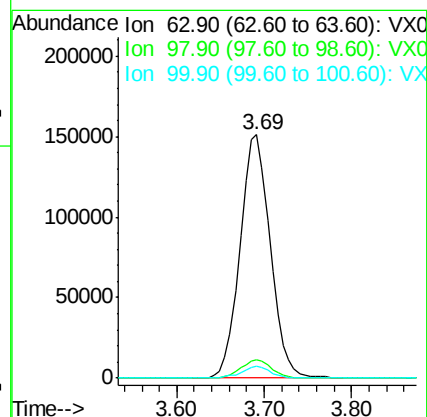
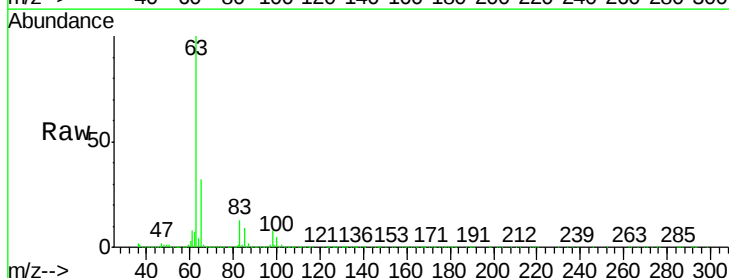
Tgt Ion: 63 Resp: 361681

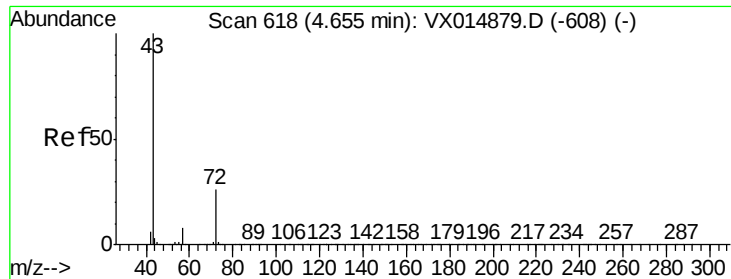
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 5.0 2.2 6.6





#25

2-Butanone

Concen: 259.642 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 785742

Ion Ratio Lower Upper

43 100

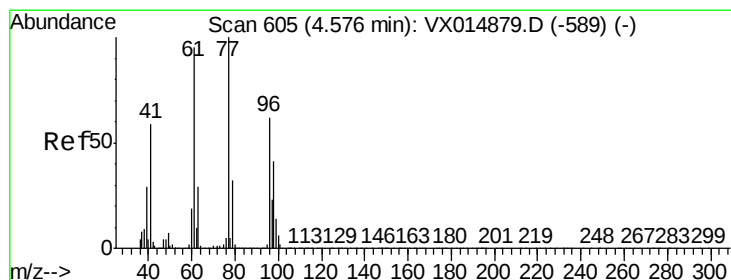
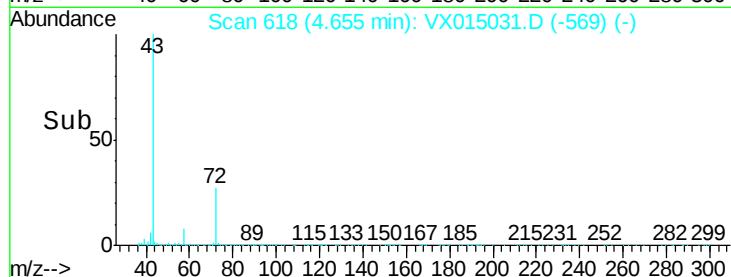
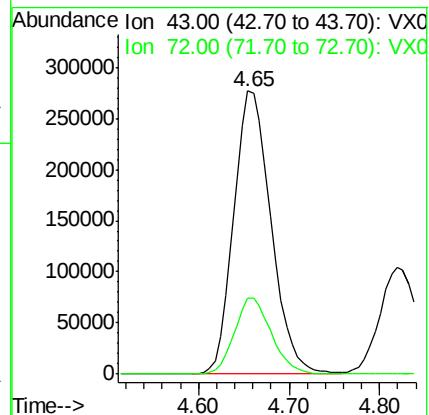
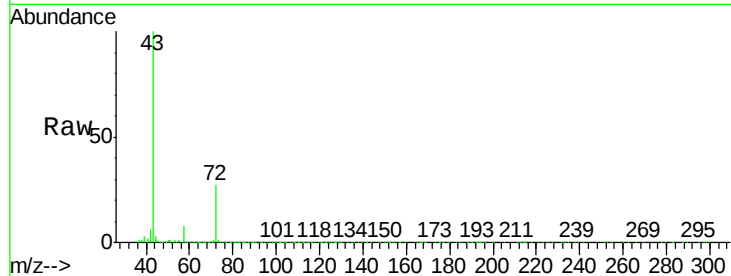
72 26.6 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 45.813 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015031.D

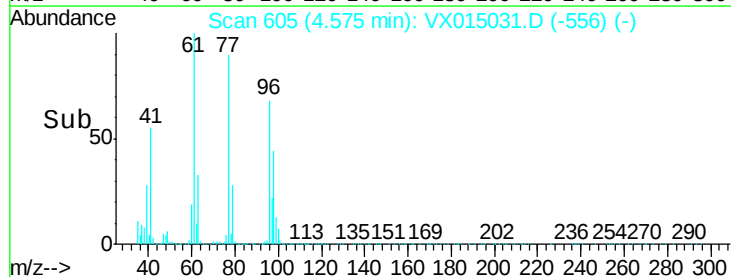
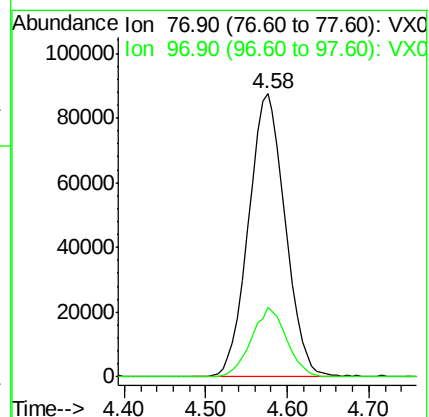
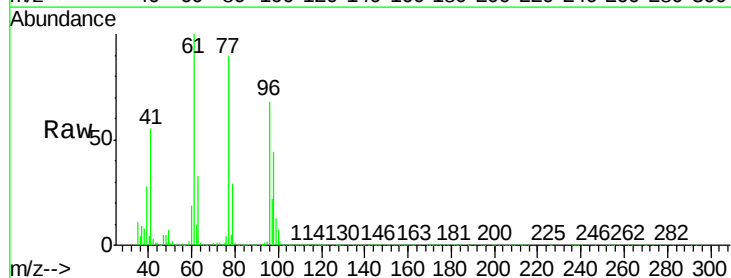
Acq: 26 Feb 2020 19:08

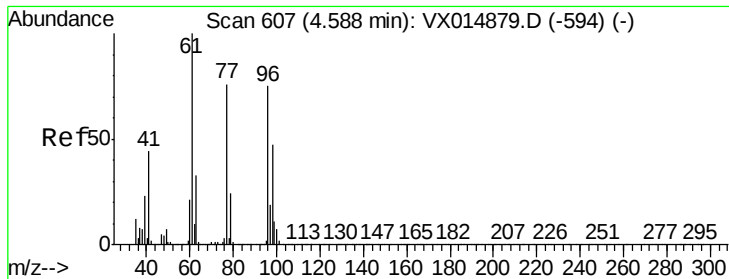
Tgt Ion: 77 Resp: 272401

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.5





#27

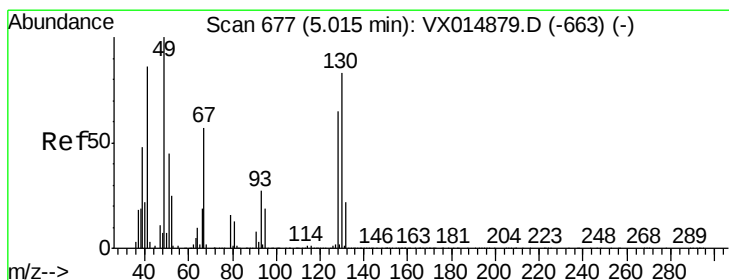
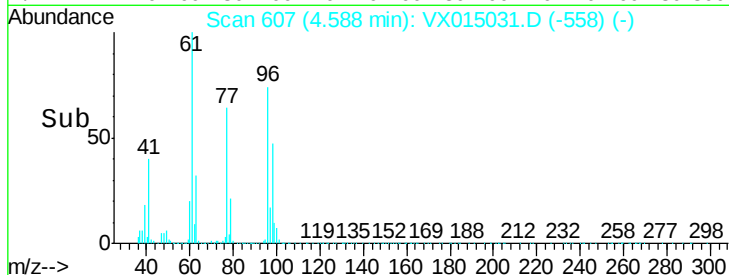
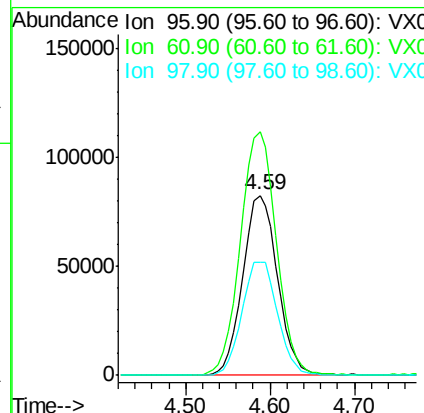
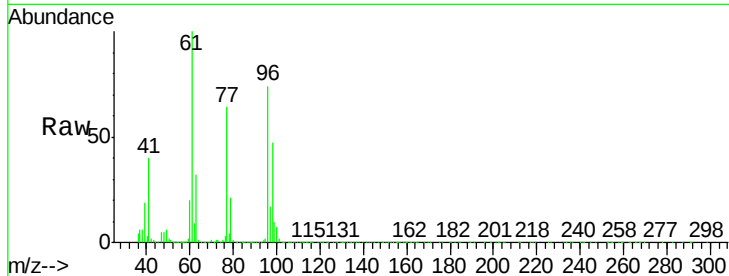
cis-1,2-Dichloroethene
Concen: 51.995 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	286.2
98	64.1	0.0	131.0

Manual Integrations
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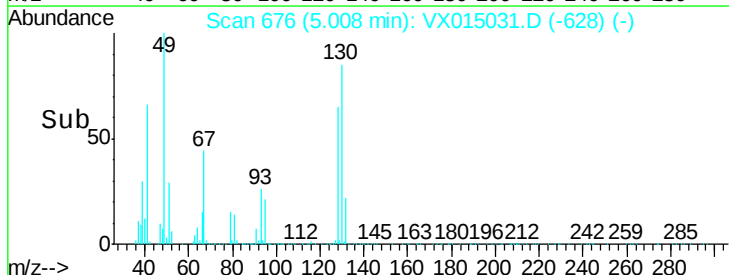
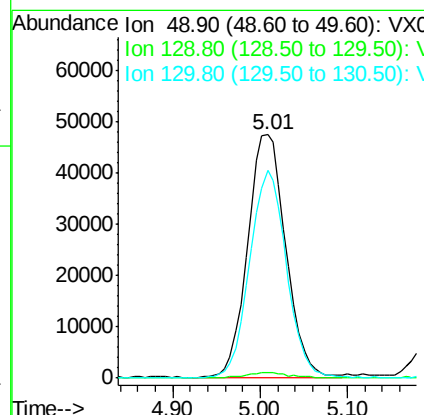
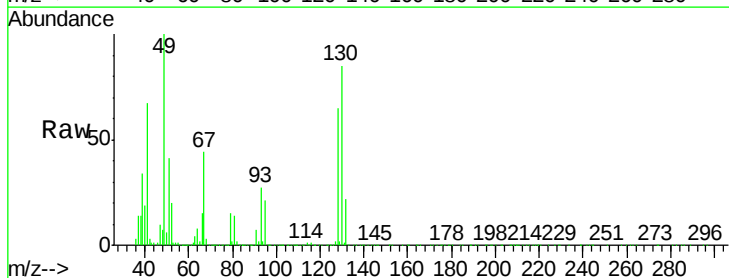
MMDadoda
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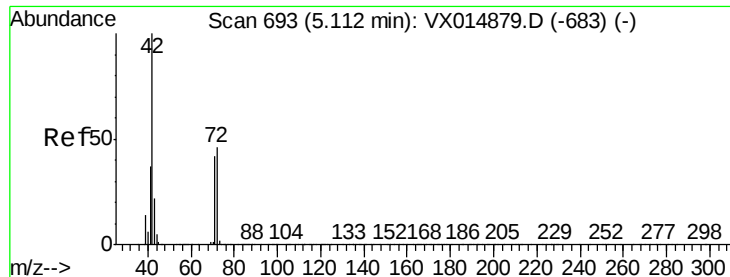


#28

Bromochloromethane
Concen: 53.848 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	83.0	67.4	101.2





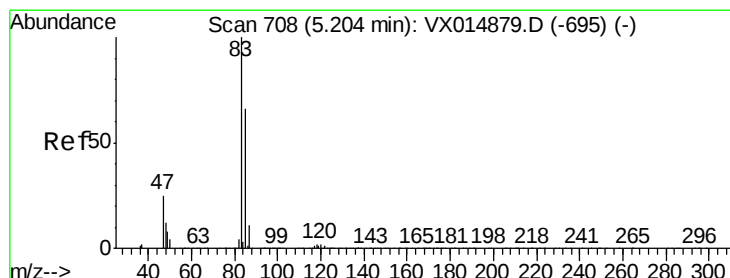
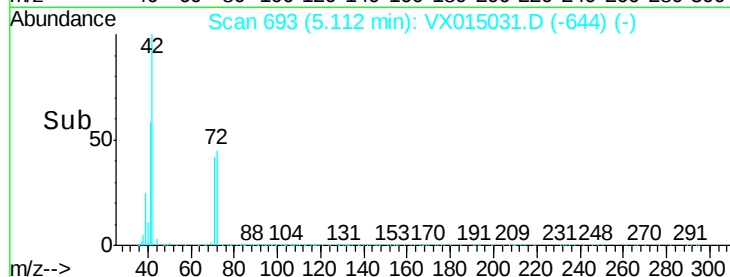
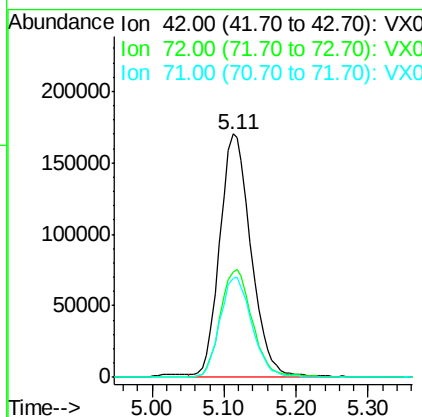
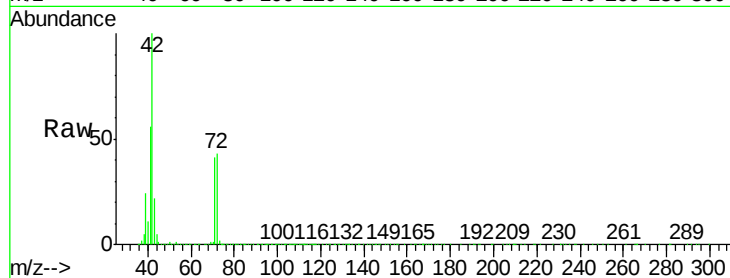
#29
Tetrahydrofuran
Concen: 295.730 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	45.9	36.9	55.3
71	42.2	34.1	51.1

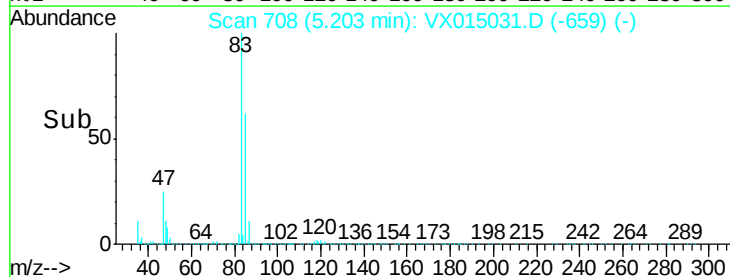
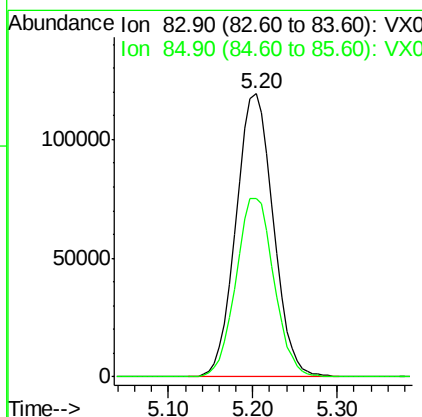
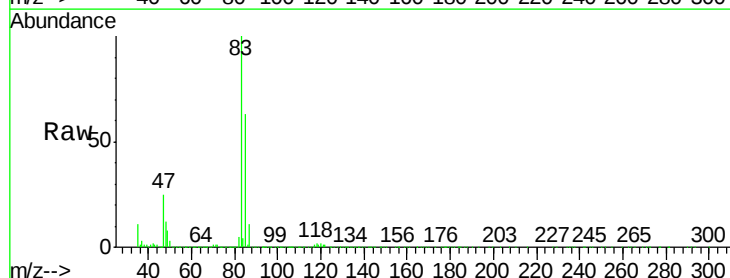
Manual Integrations
APPROVED

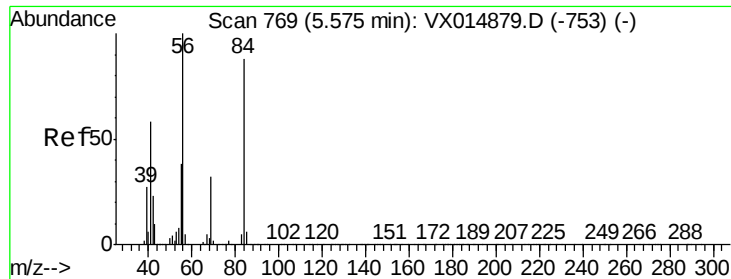
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2/27/2020 10:48:28 AM



#30
Chloroform
Concen: 52.016 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	62.9	52.9	79.3





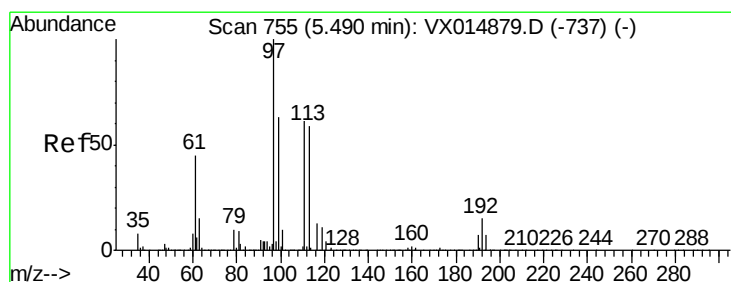
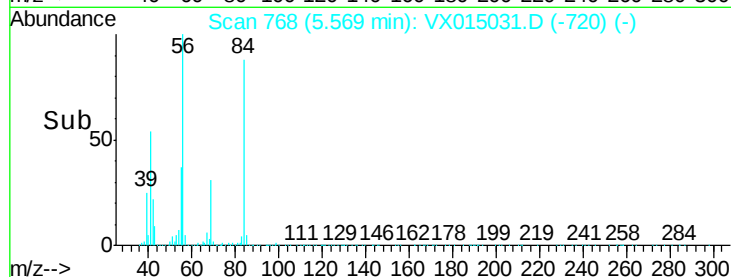
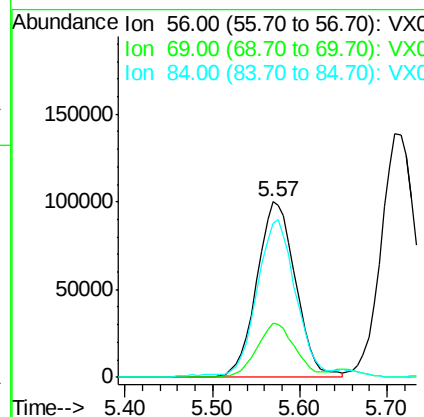
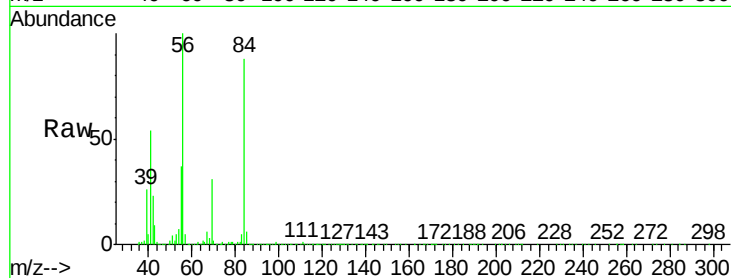
#31
Cyclohexane
Concen: 48.750 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.9	38.9
84	86.5	70.4	105.6

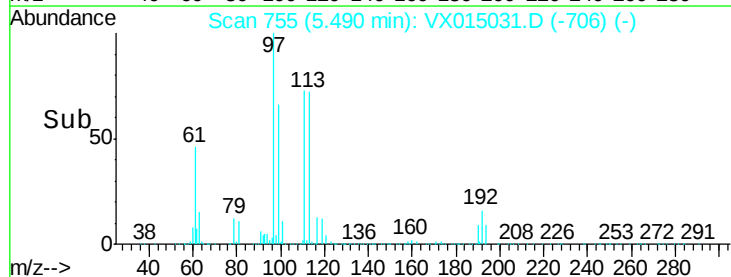
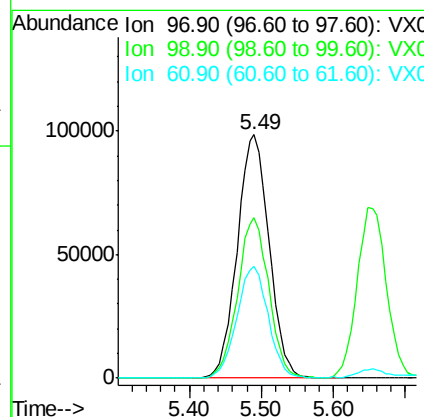
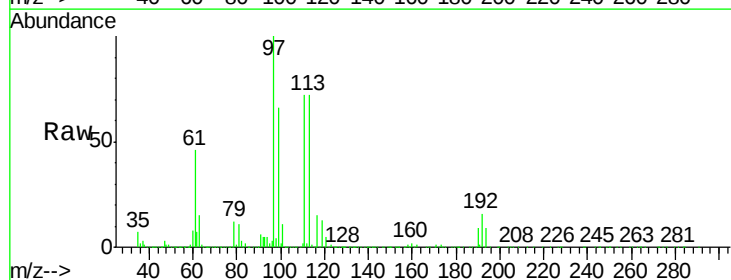
Manual Integrations
APPROVED

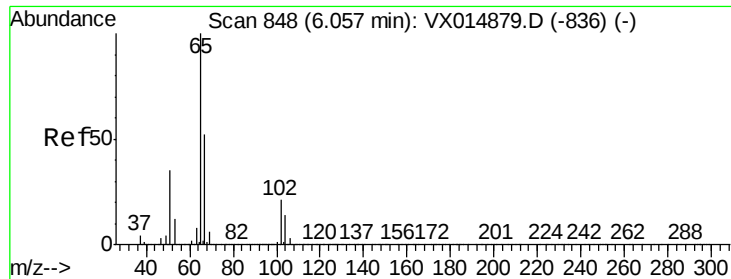
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.308 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.6
61	45.0	36.3	54.5





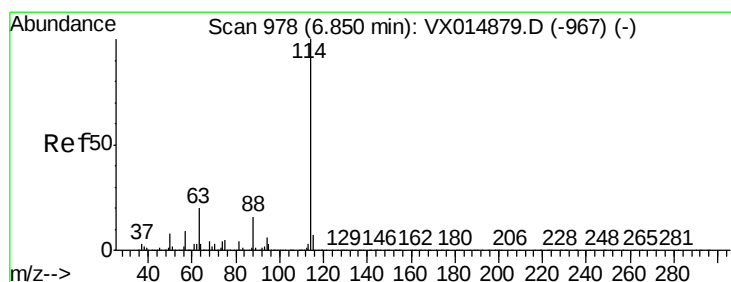
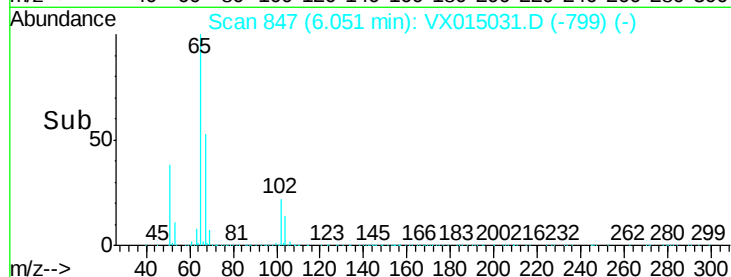
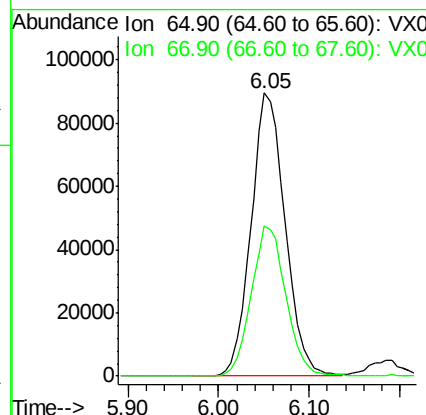
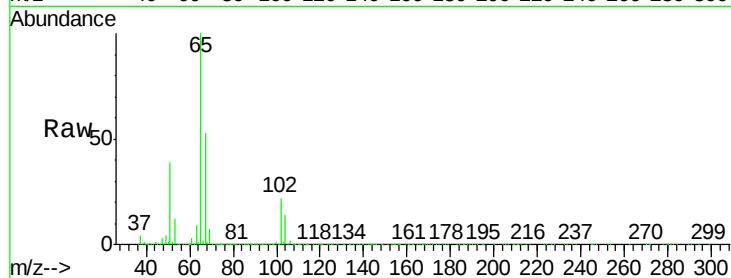
#33
 1,2-Dichloroethane-d4
 Concen: 52.016 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	231217		
67	53.7	0.0	103.0	

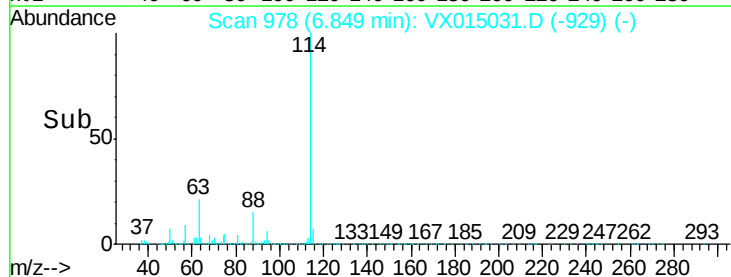
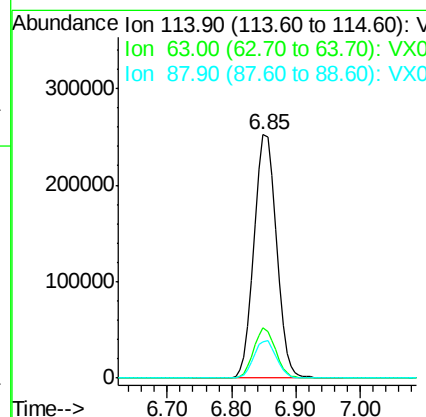
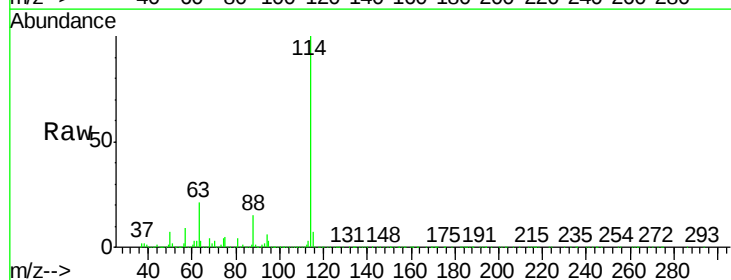
Manual Integrations
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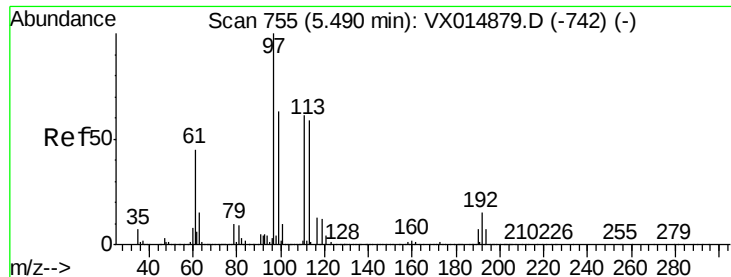
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	601001		
63	20.7	0.0	39.2	
88	15.0	0.0	32.0	





#35

Dibromofluoromethane

Concen: 53.636 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

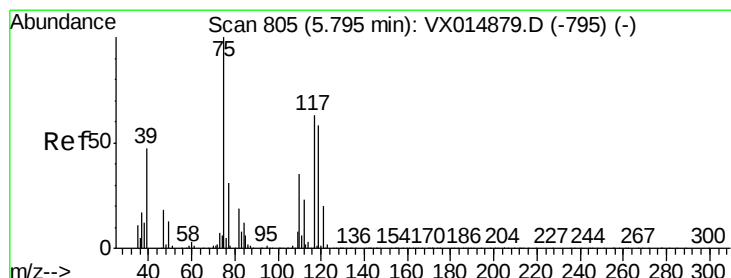
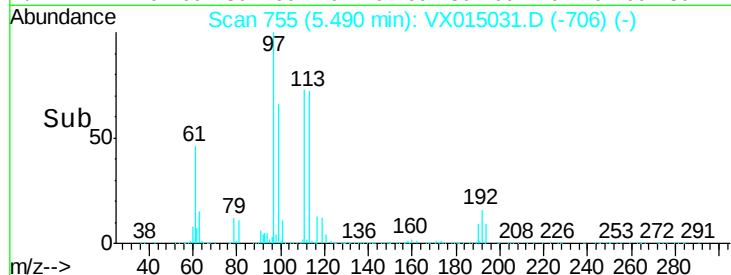
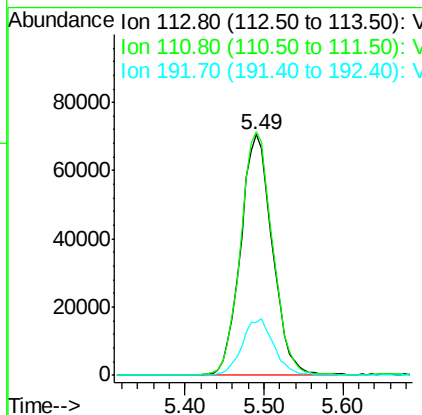
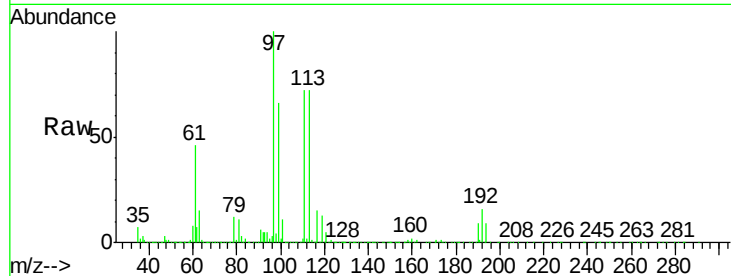
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	198174
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.4	123.6
192	23.7	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.174 ug/l

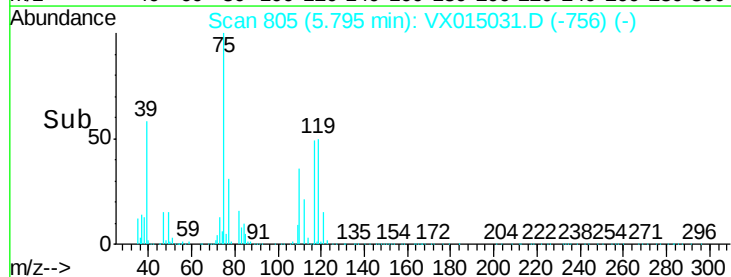
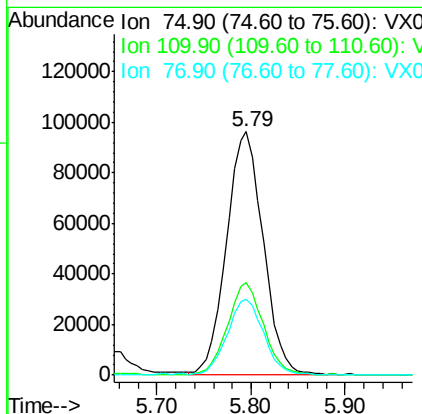
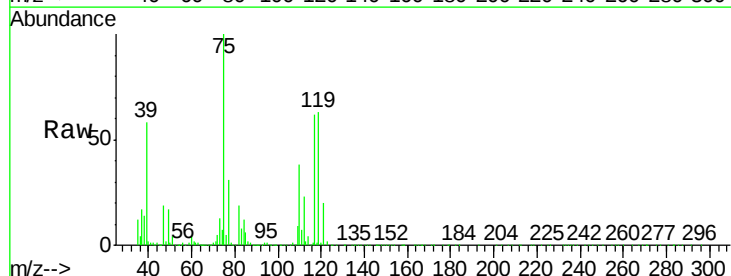
RT: 5.79 min Scan# 805

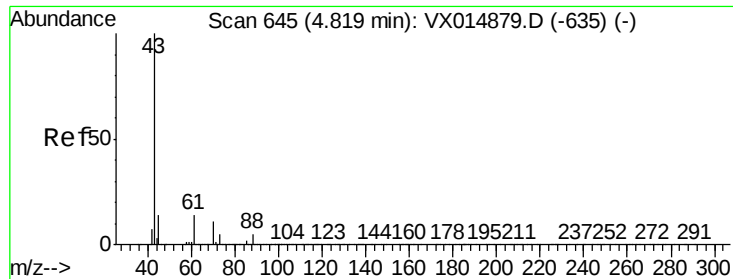
Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Tgt Ion:	75	Resp:	258991
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.3	54.8
77	30.9	24.6	36.8





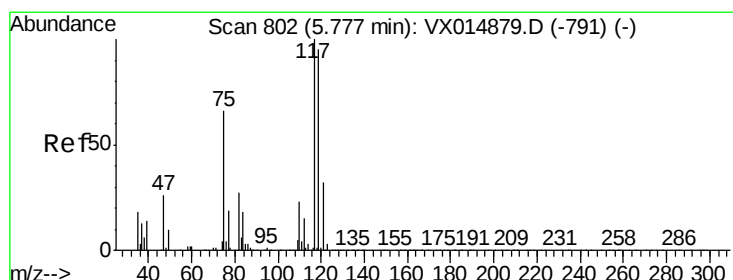
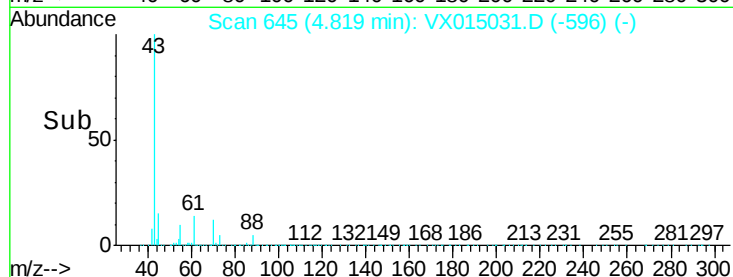
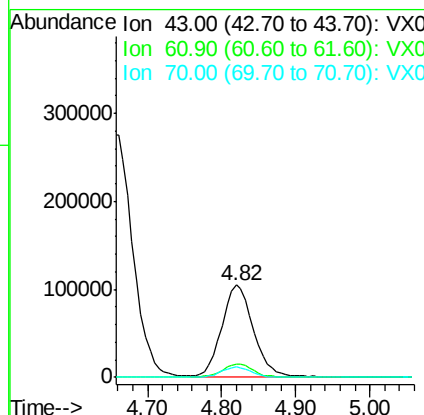
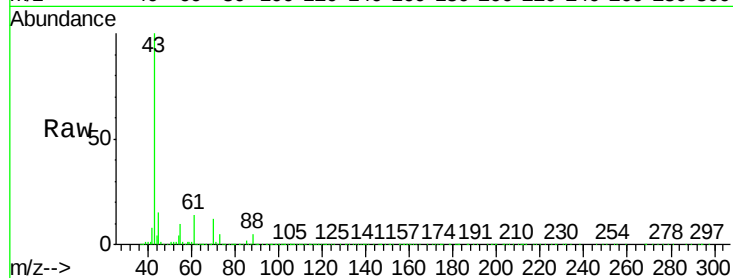
#37
Ethyl Acetate
Concen: 55.168 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	309341
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.9	16.3
70	10.6	8.7	13.1

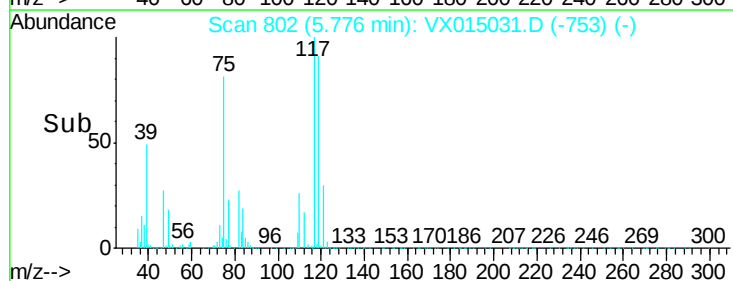
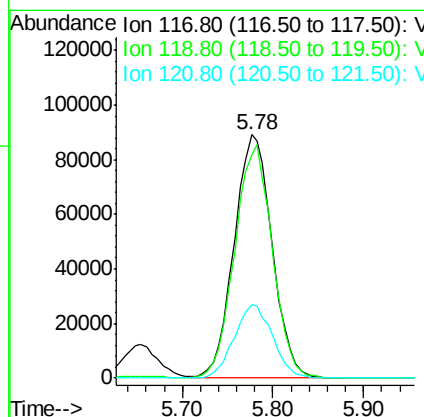
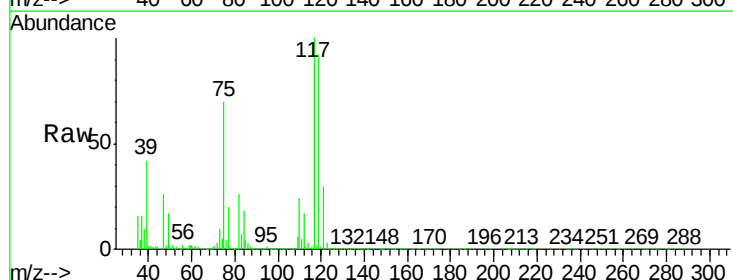
Manual Integrations
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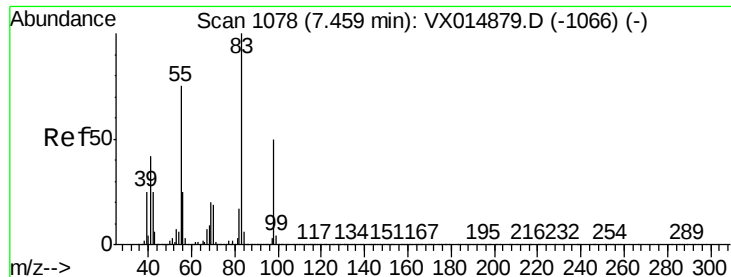
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#38
Carbon Tetrachloride
Concen: 49.111 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion:	117	Resp:	257303
Ion Ratio	Lower	Upper	
117	100		
119	91.6	76.0	114.0
121	30.3	25.4	38.2





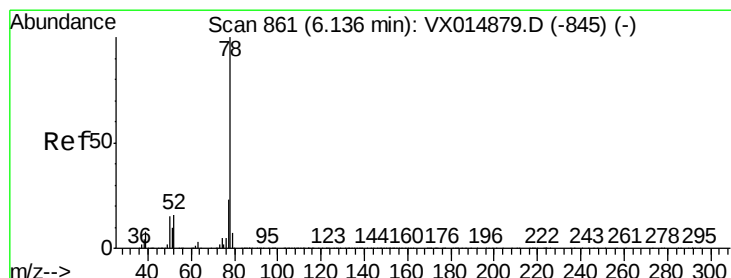
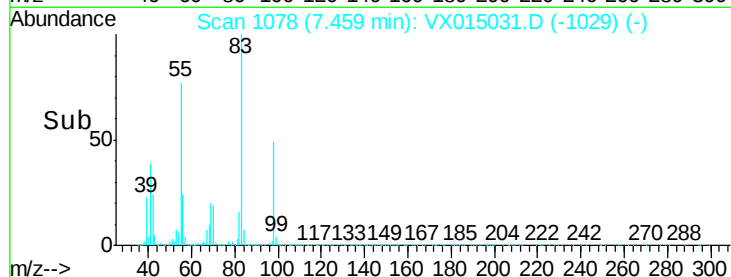
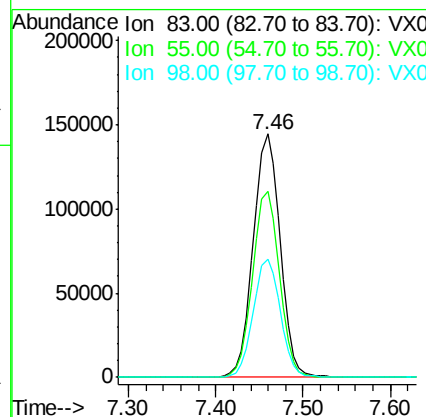
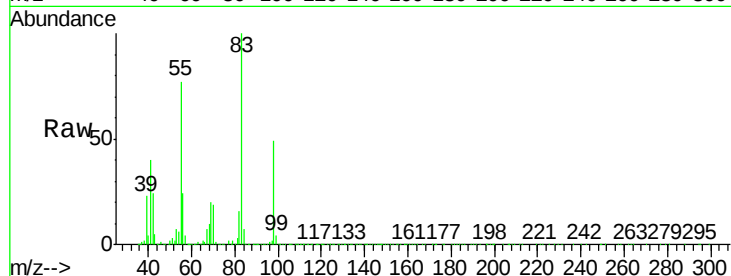
#39
Methvlcvclohexane
Concen: 46.122 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	60.0	90.0
98	48.6	39.6	59.4

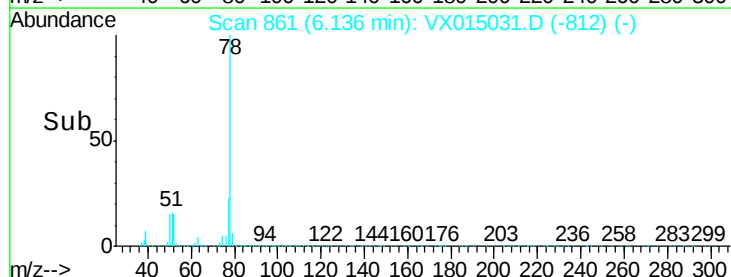
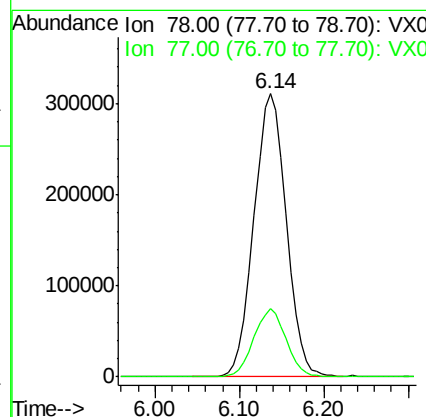
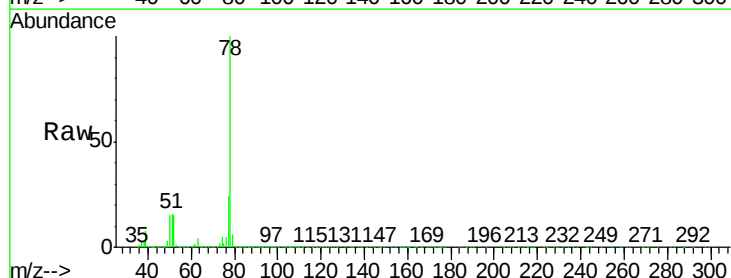
Manual Integrations
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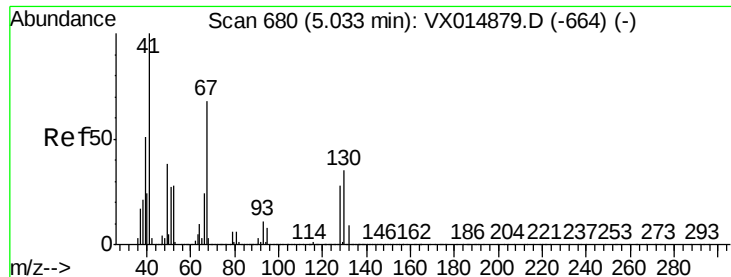
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#40
Benzene
Concen: 50.679 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





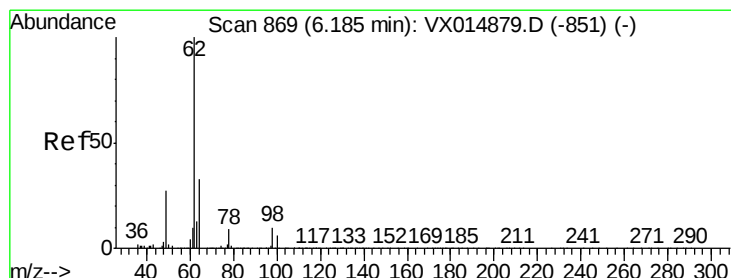
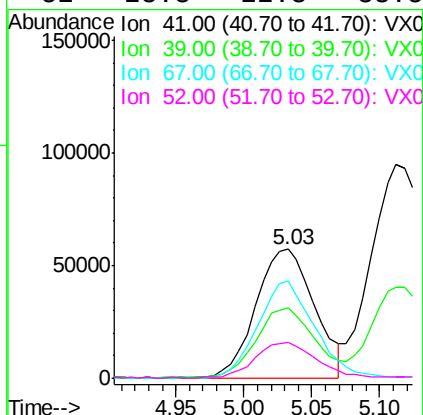
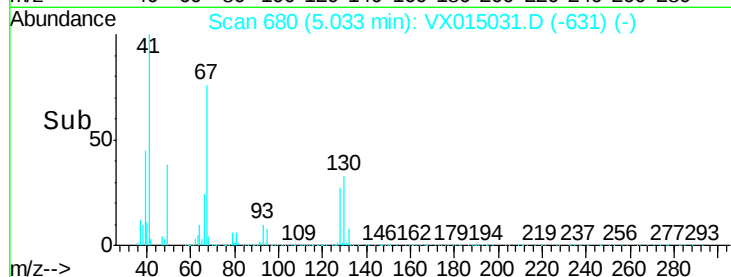
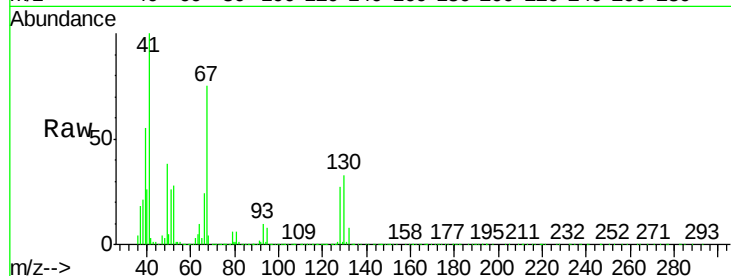
#41
Methacrylonitrile
Concen: 56.379 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.7	67.1
67	73.7	56.6	84.8
52	28.3	22.3	33.5

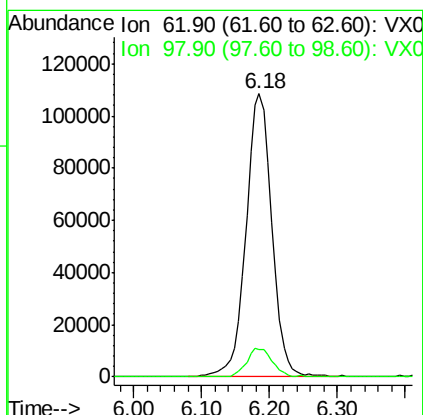
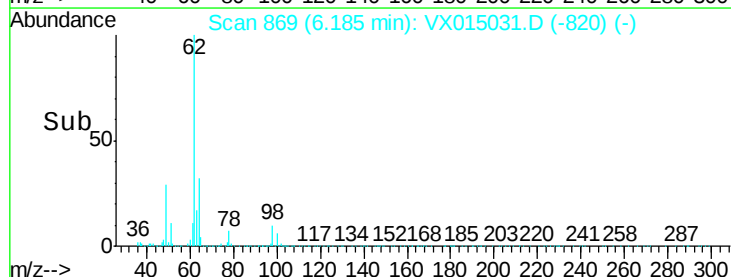
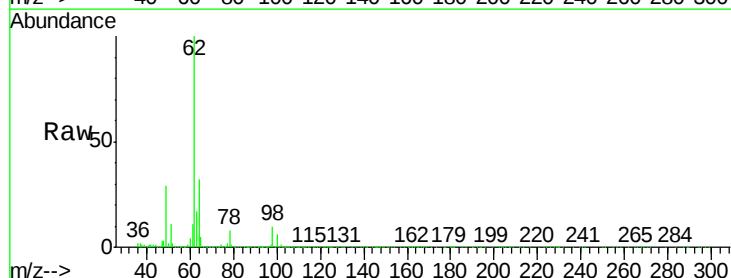
Manual Integrations
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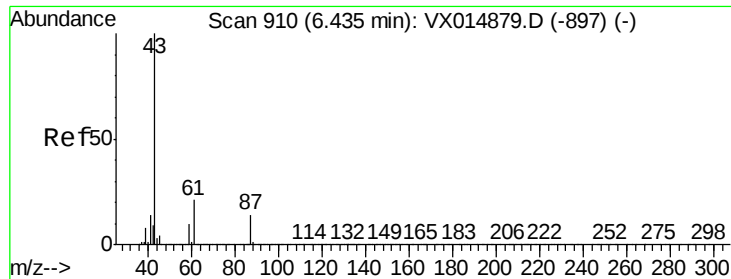
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.115 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2





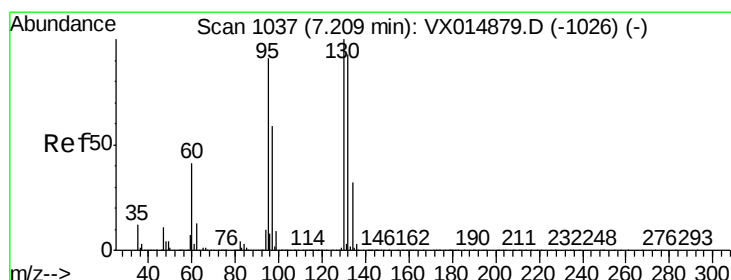
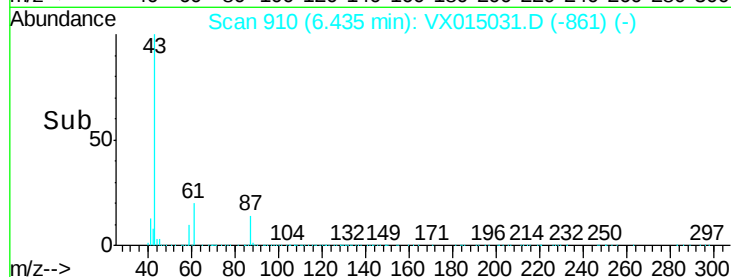
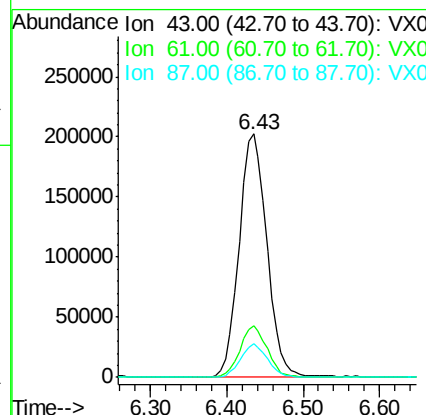
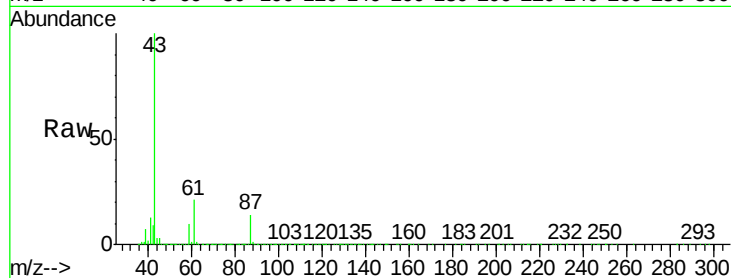
#43
Isopropyl Acetate
Concen: 54.990 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.2	24.4
87	13.3	11.0	16.6

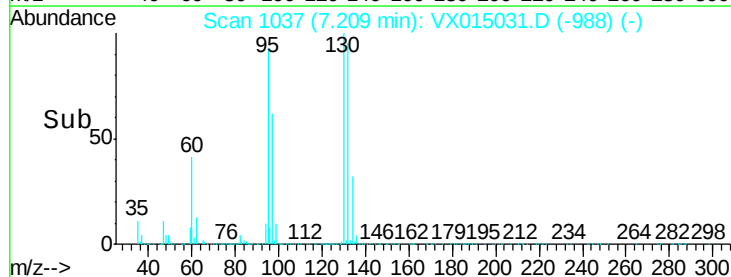
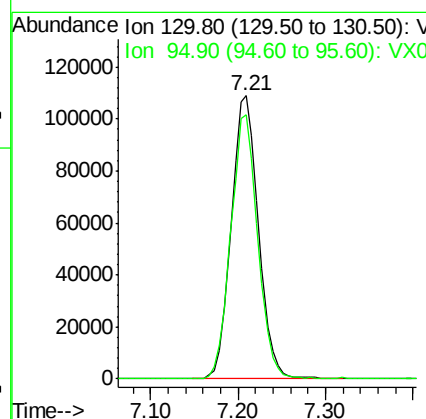
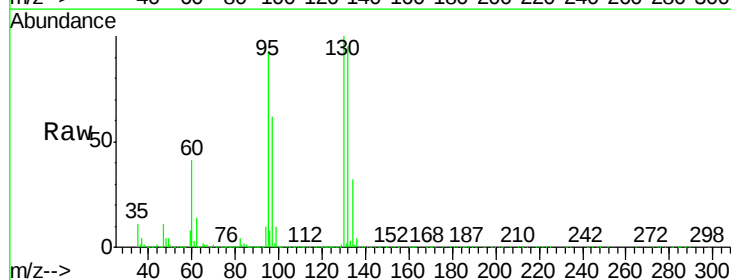
Manual Integrations
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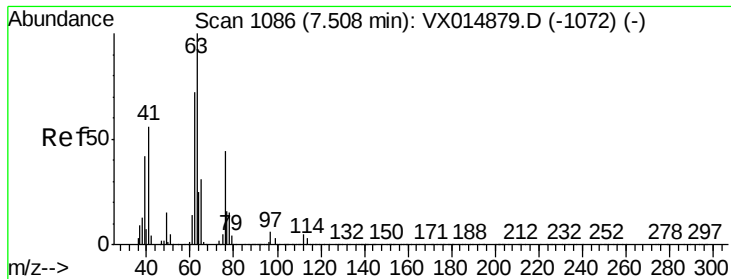
MMDadoda
2/27/2020 10:48:28 AM



#44
Trichloroethene
Concen: 50.471 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	182.6





#45

1,2-Dichloropropane

Concen: 52.723 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 215982

Ion Ratio Lower Upper

63 100

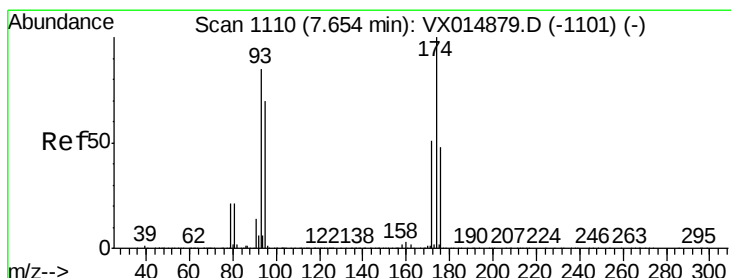
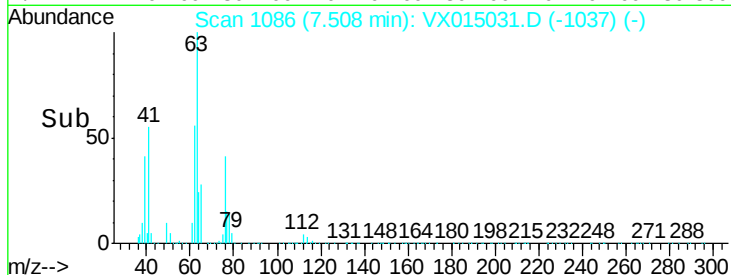
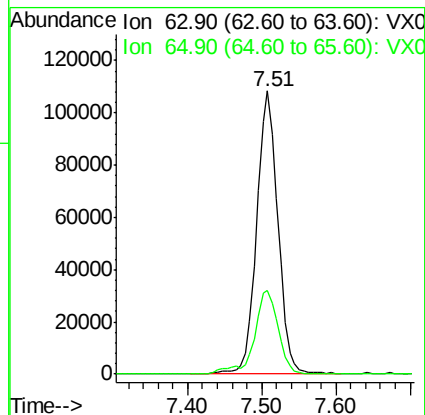
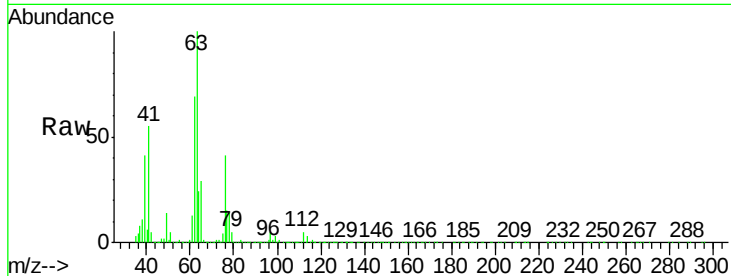
65 29.2 24.9 37.3

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#46

Dibromomethane

Concen: 50.504 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

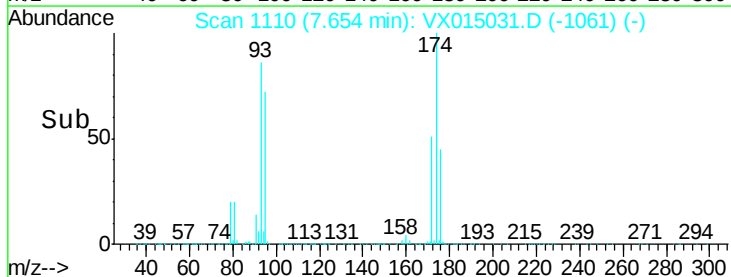
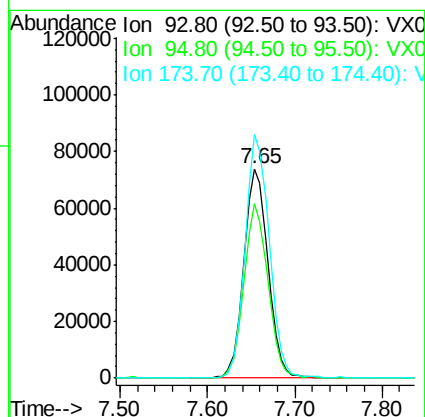
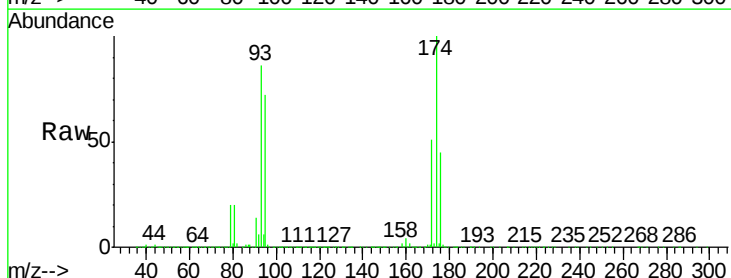
Tgt Ion: 93 Resp: 141421

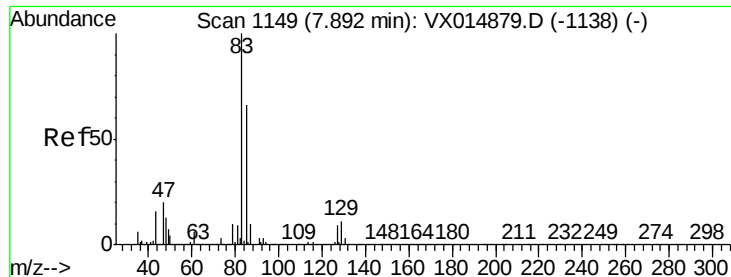
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.8

174 116.8 95.4 143.2





#47

Bromodichloromethane

Concen: 51.000 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

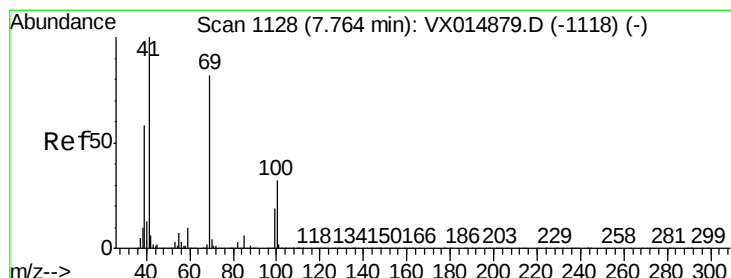
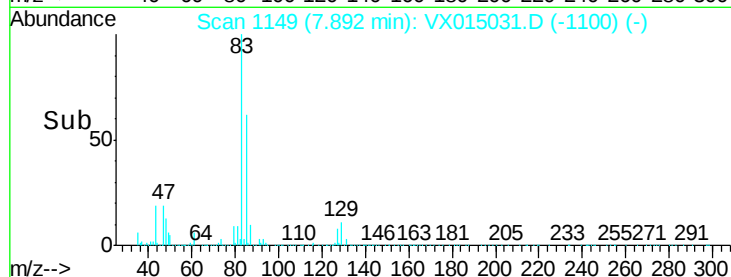
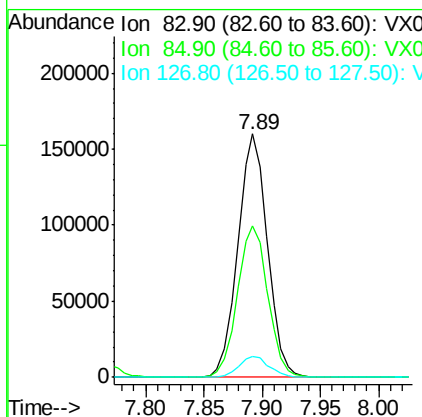
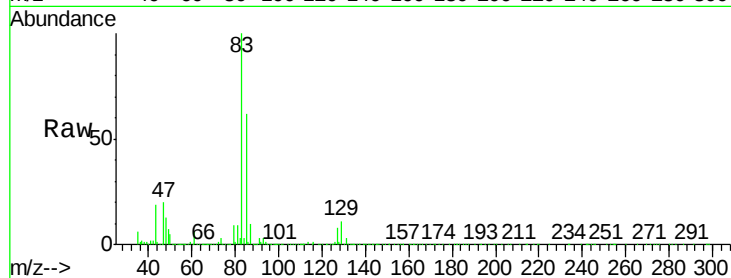
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	283161
Ion Ratio	Lower	Upper	
83	100		
85	61.9	52.5	78.7
127	8.4	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.281 ug/l

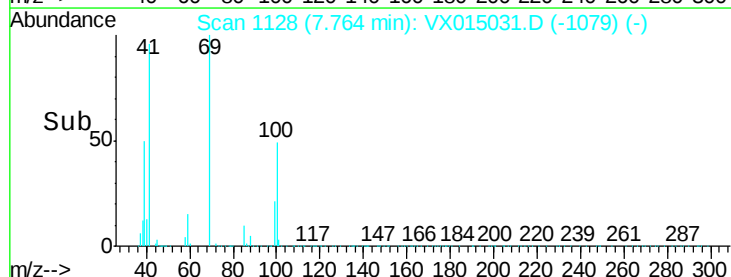
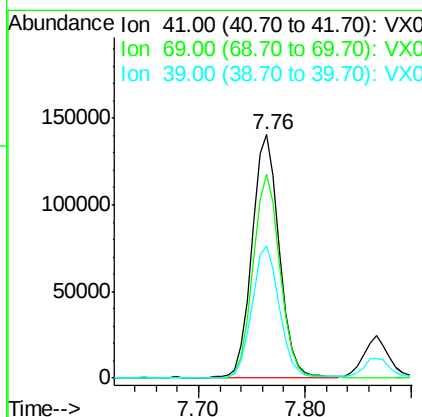
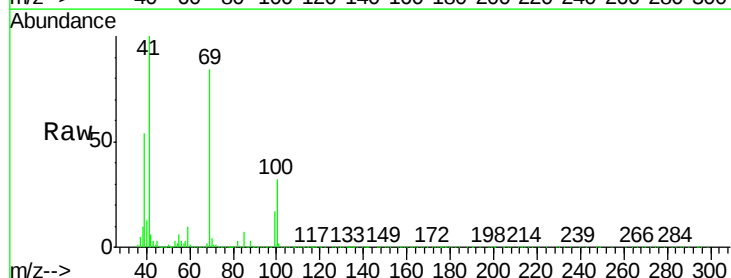
RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Tgt Ion:	41	Resp:	251648
Ion Ratio	Lower	Upper	
41	100		
69	83.5	65.7	98.5
39	54.6	45.8	68.8





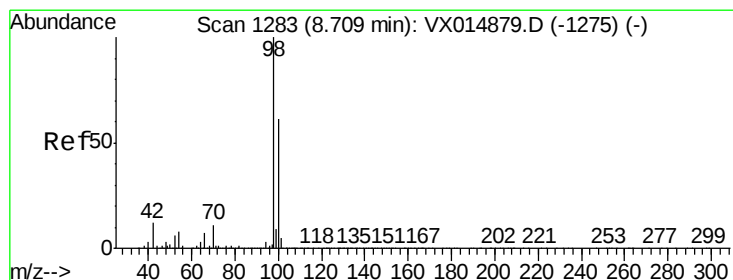
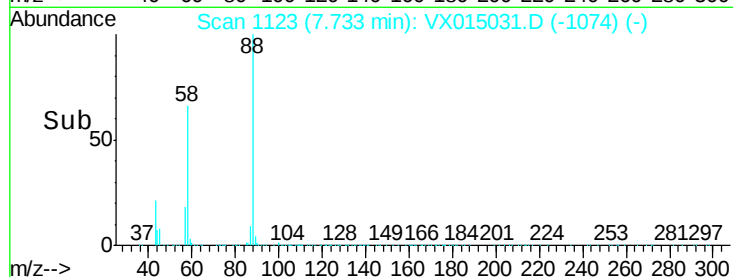
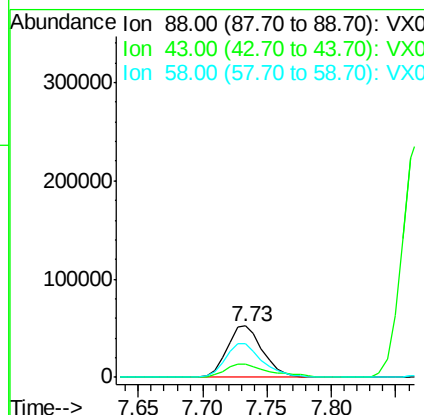
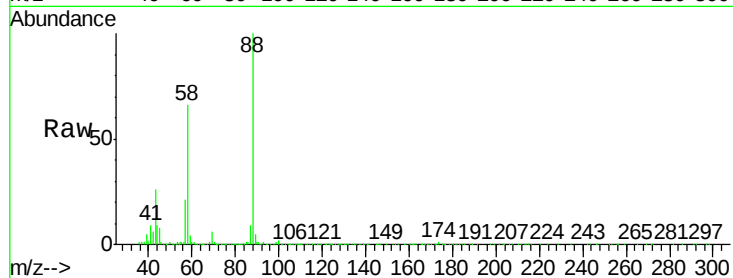
#49
1,4-Dioxane
Concen: 1170.800 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	27.0	40.4
58	68.0	53.2	79.8

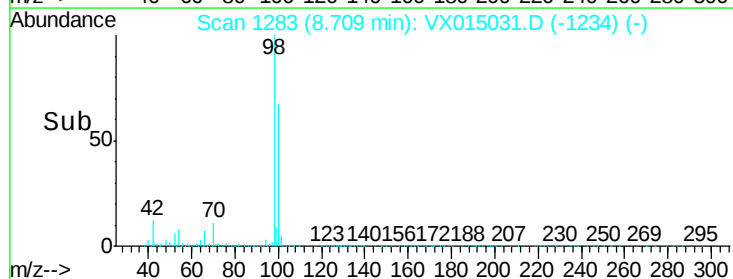
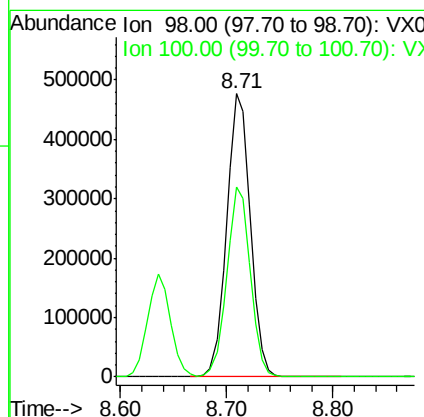
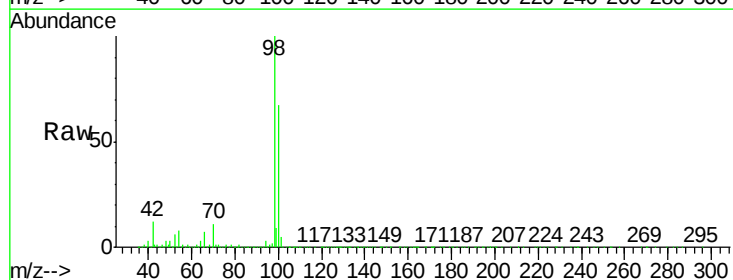
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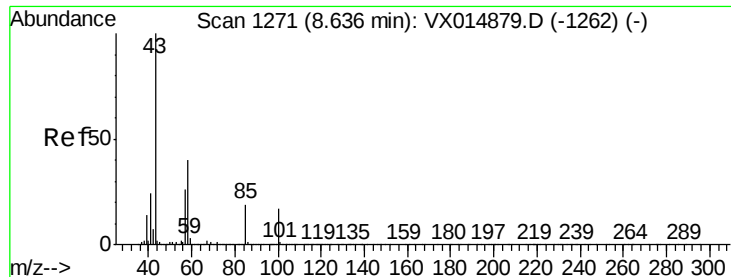
MMDadoda
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#50
Toluene-d8
Concen: 52.521 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 287.085 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1603448

Ion Ratio Lower Upper

43 100

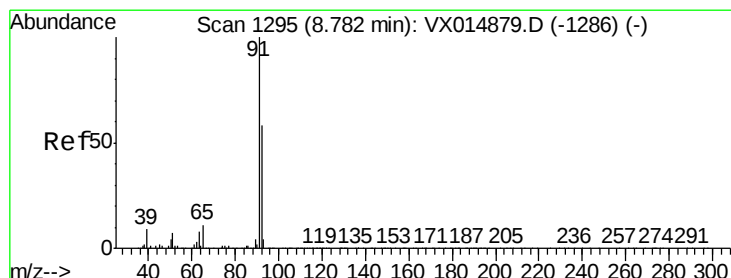
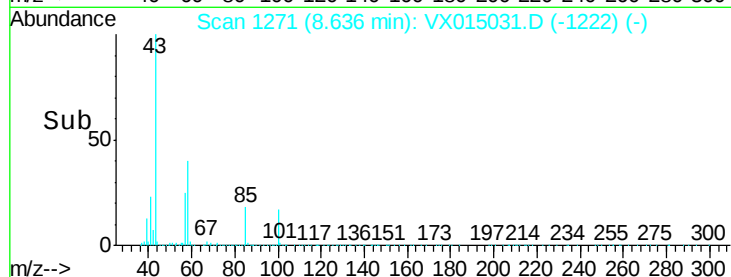
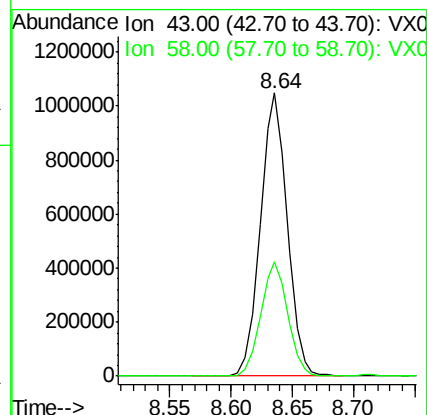
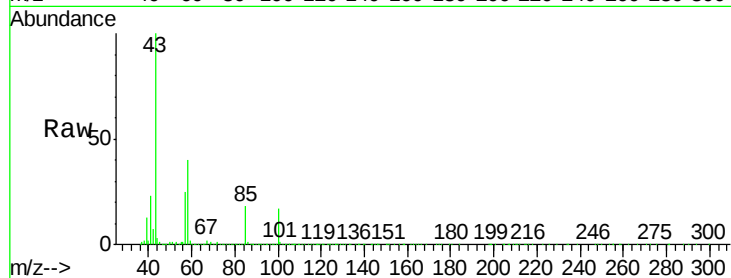
58 40.5 31.9 47.9

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#52

Toluene

Concen: 50.627 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX015031.D

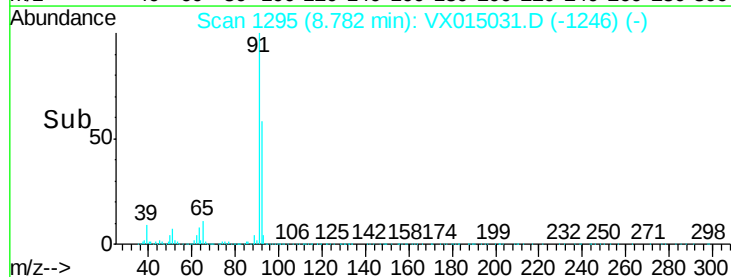
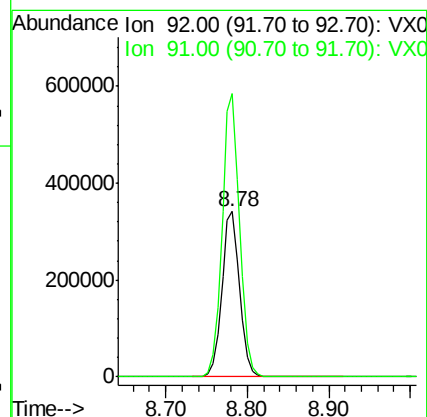
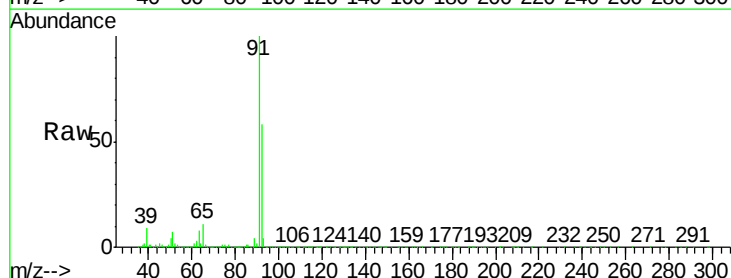
Acq: 26 Feb 2020 19:08

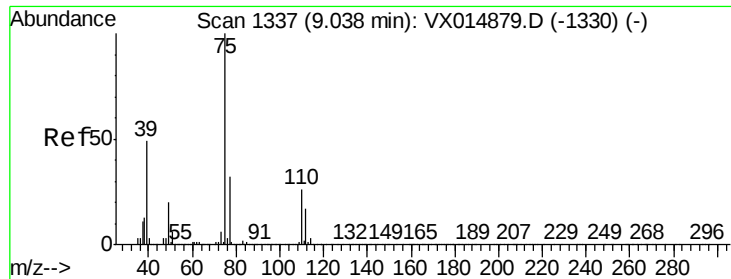
Tgt Ion: 92 Resp: 516508

Ion Ratio Lower Upper

92 100

91 169.6 137.0 205.4





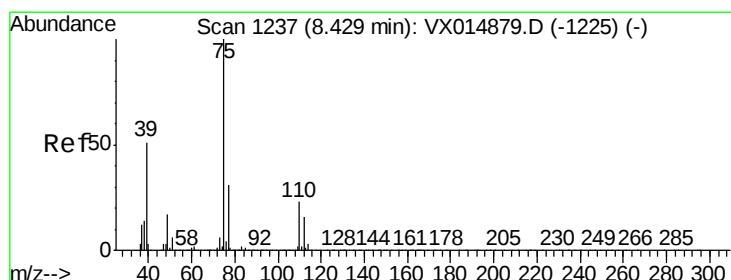
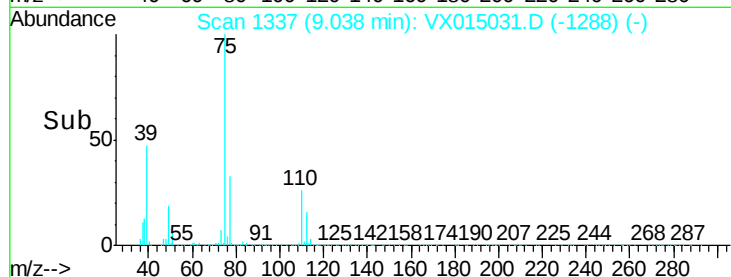
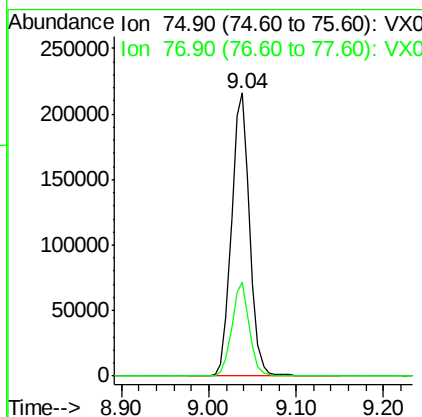
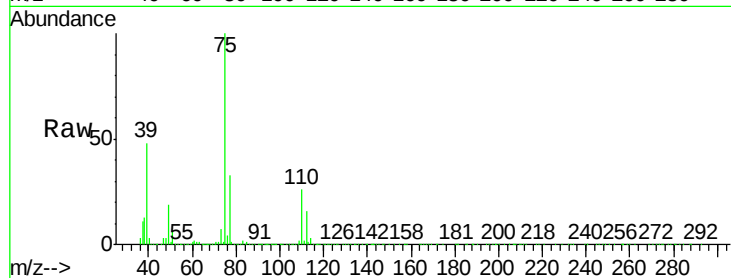
#53
t-1,3-Dichloropropene
Concen: 51.096 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 310913
Ion Ratio Lower Upper
75 100
77 33.0 25.5 38.3

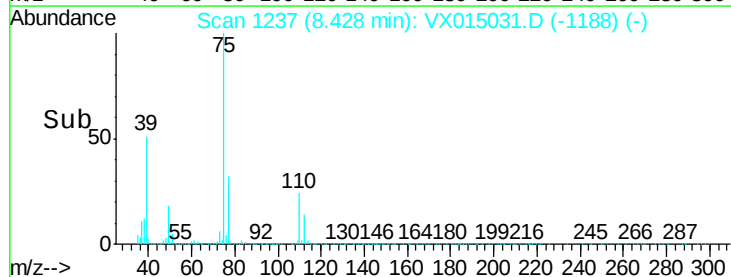
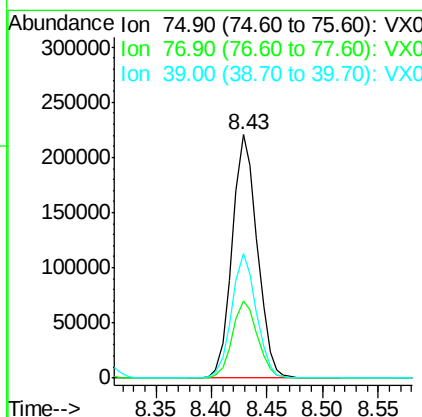
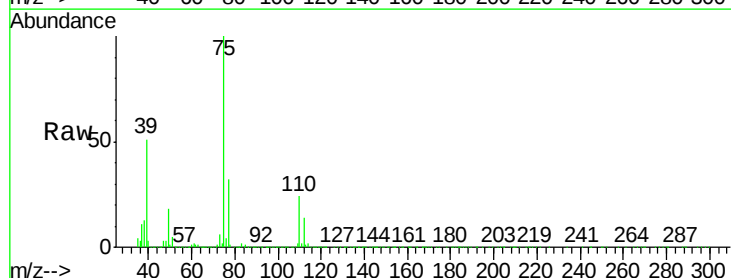
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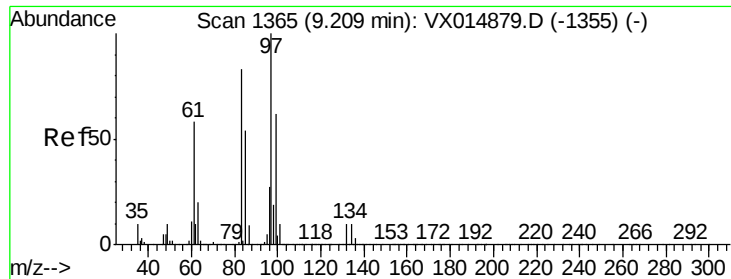
MMDadoda
2/27/2020 10:48:28 AM



#54
cis-1,3-Dichloropropene
Concen: 51.100 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion: 75 Resp: 343494
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0
39 51.1 40.9 61.3





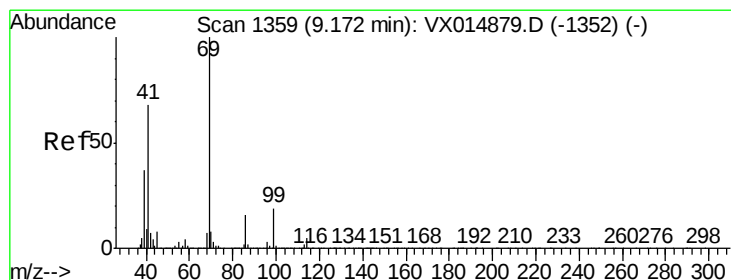
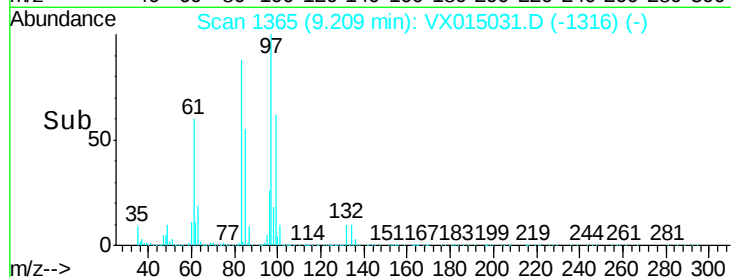
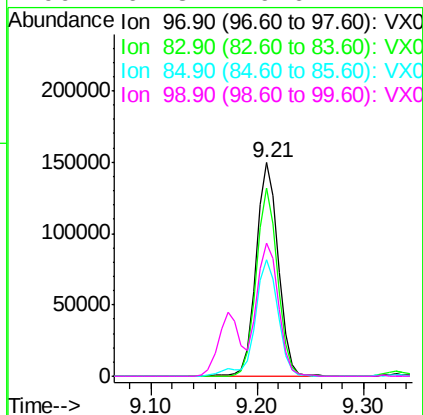
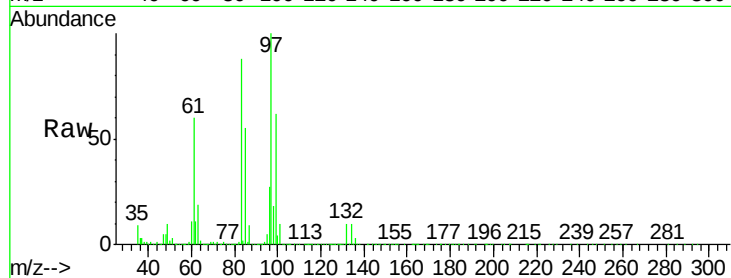
#55
1,1,2-Trichloroethane
Concen: 52.738 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		217682		
83	87.8	66.6	99.8		
85	54.8	43.5	65.3		
99	62.3	49.6	74.4		

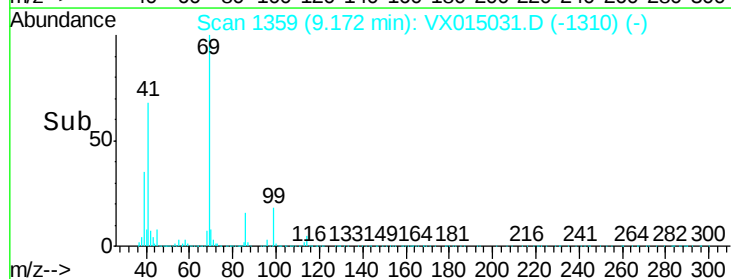
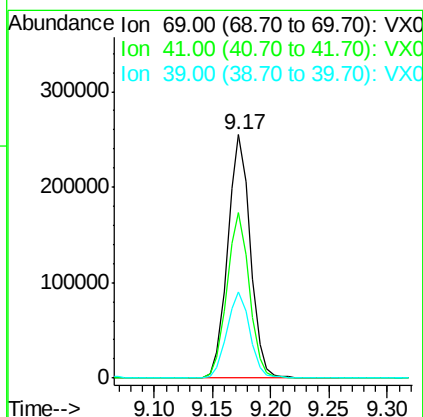
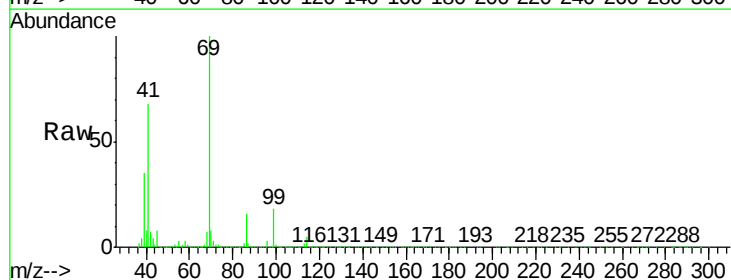
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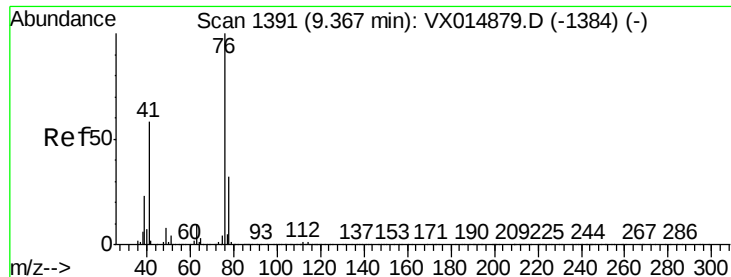
MMDadoda
2/27/2020 10:48:28 AM



#56
Ethyl methacrylate
Concen: 55.398 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		343697		
41	67.7	54.8	82.2		
39	35.8	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 52.182 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 362570

Ion Ratio Lower Upper

76 100

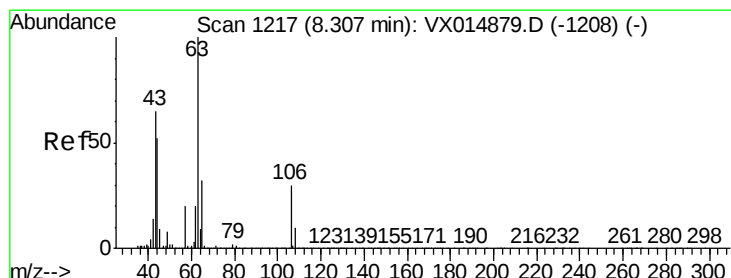
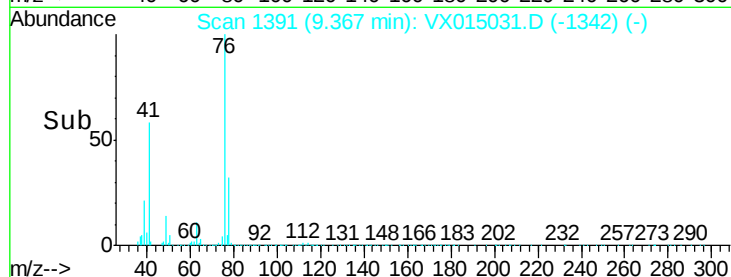
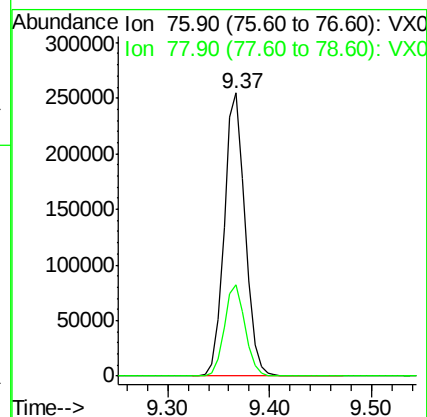
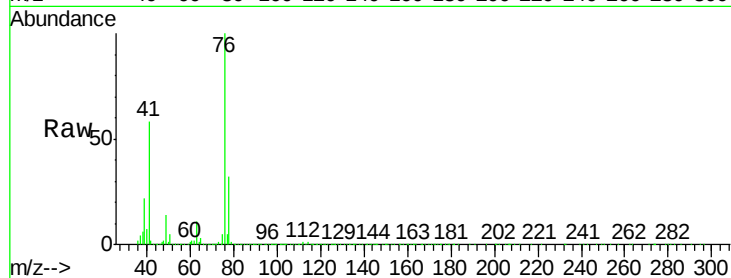
78 32.1 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 271.982 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015031.D

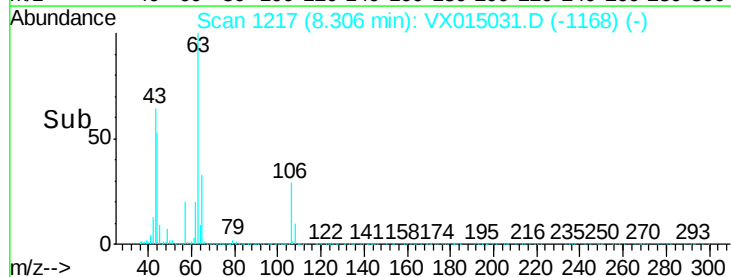
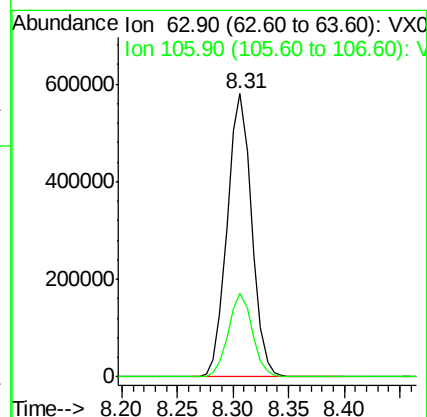
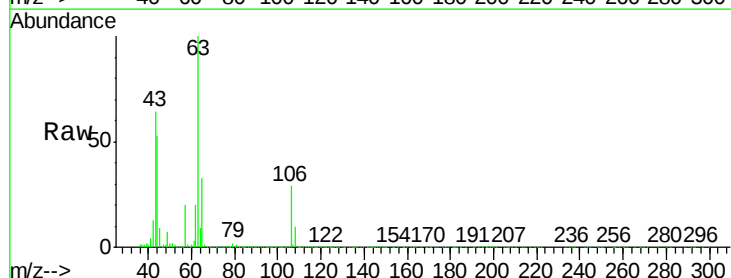
Acq: 26 Feb 2020 19:08

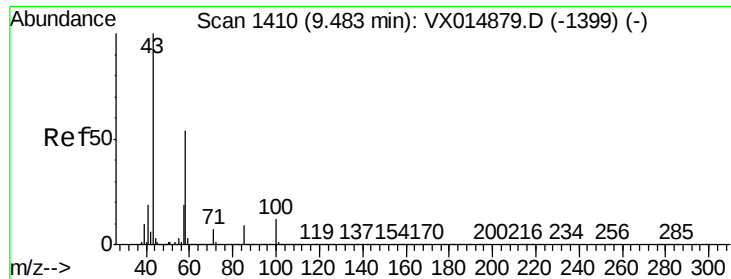
Tgt Ion: 63 Resp: 882491

Ion Ratio Lower Upper

63 100

106 29.2 23.8 35.8





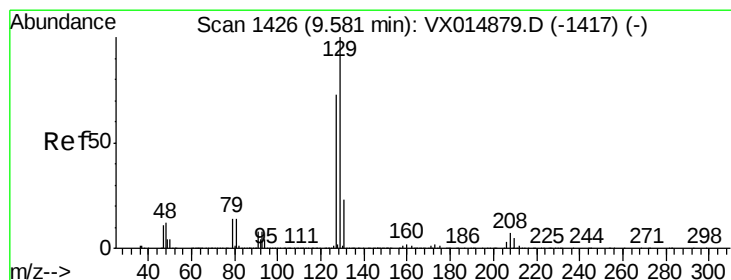
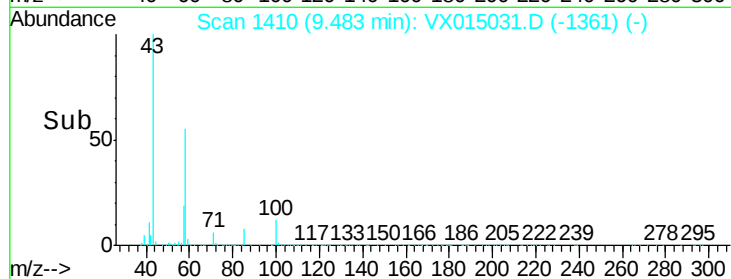
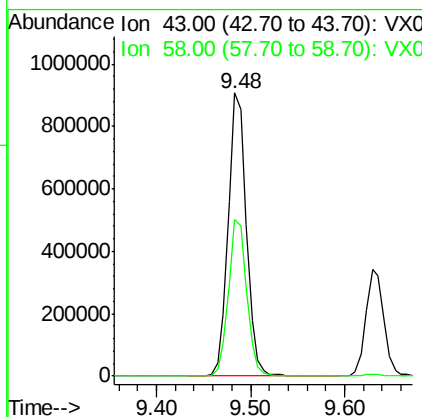
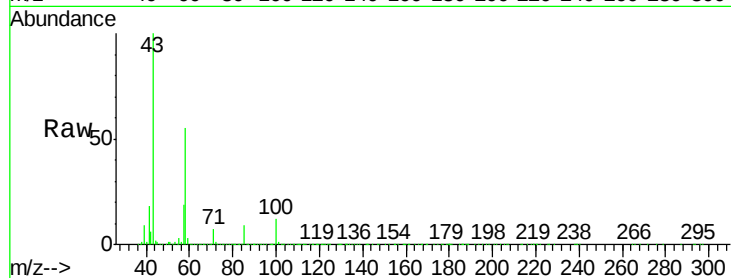
#59
2-Hexanone
Concen: 277.211 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1216981
Ion Ratio Lower Upper
43 100
58 56.0 27.5 82.5

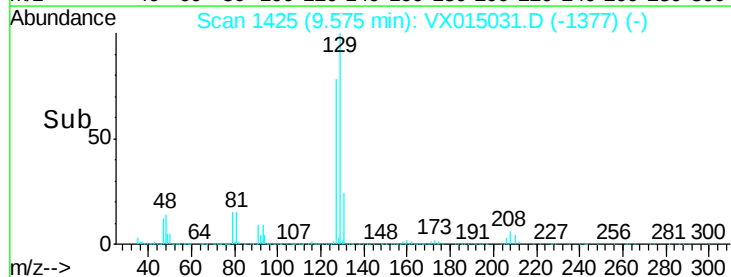
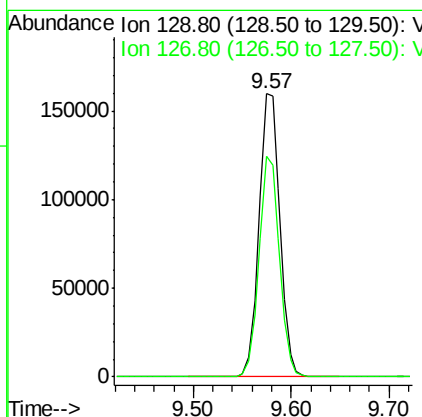
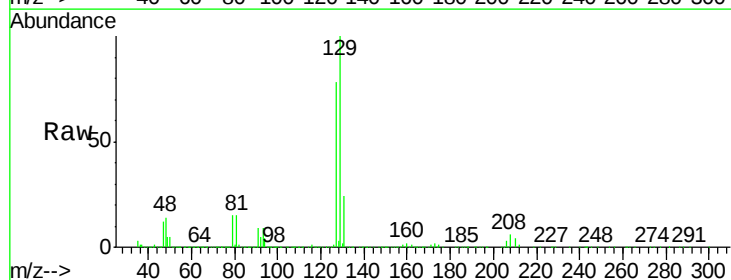
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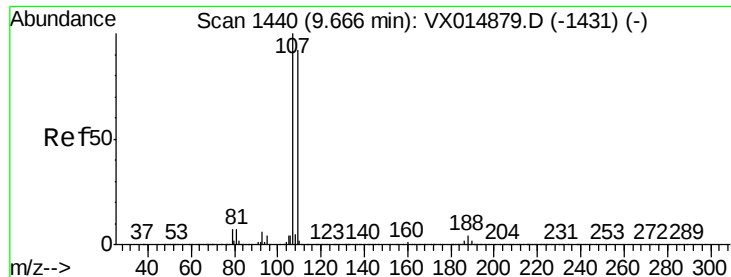
MMDadoda
2/27/2020 10:48:28 AM



#60
Dibromochloromethane
Concen: 53.161 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion: 129 Resp: 236141
Ion Ratio Lower Upper
129 100
127 76.2 37.8 113.3





#61

1,2-Dibromoethane

Concen: 51.203 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 228039

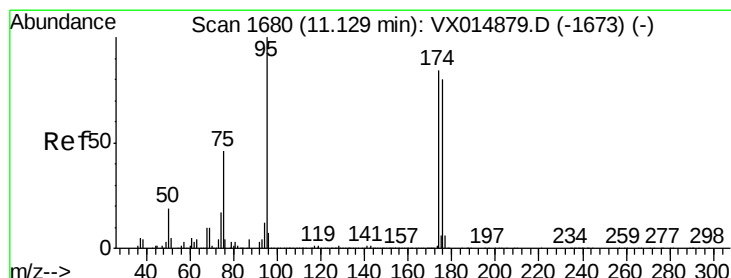
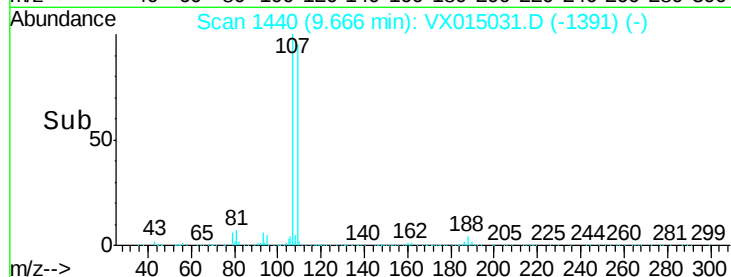
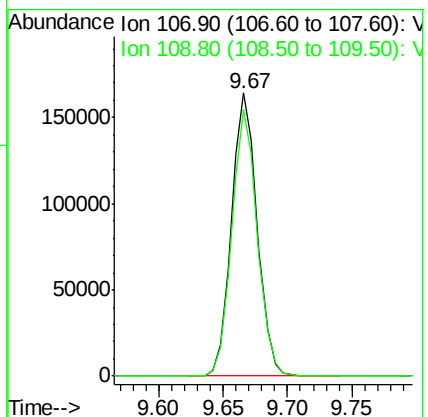
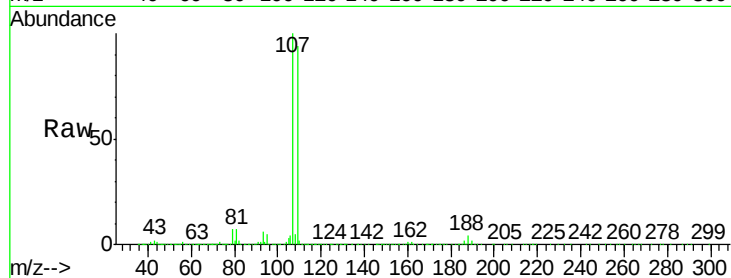
Ion Ratio Lower Upper

107 100

109 94.2 75.6 113.4

Manual Integrations
APPROVED

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2/27/2020 10:48:28 AM



#62

4-Bromofluorobenzene

Concen: 54.171 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

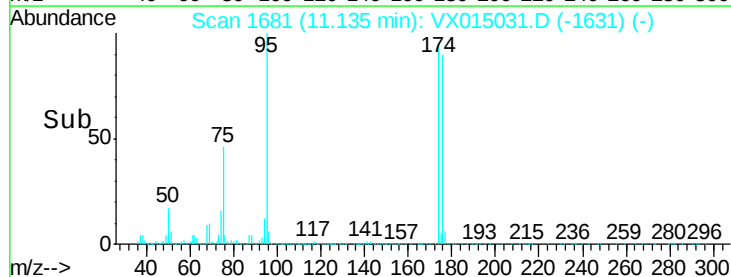
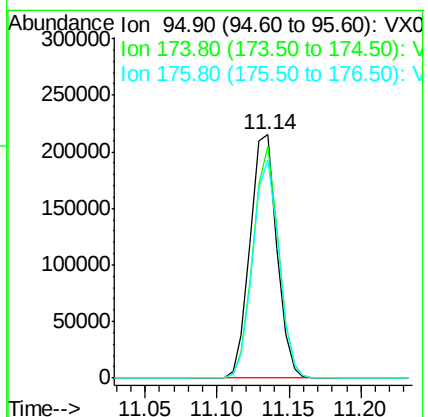
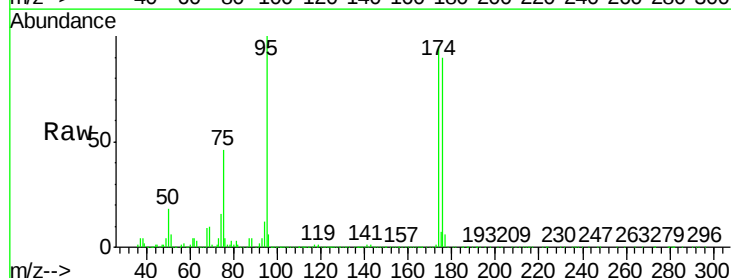
Tgt Ion: 95 Resp: 275213

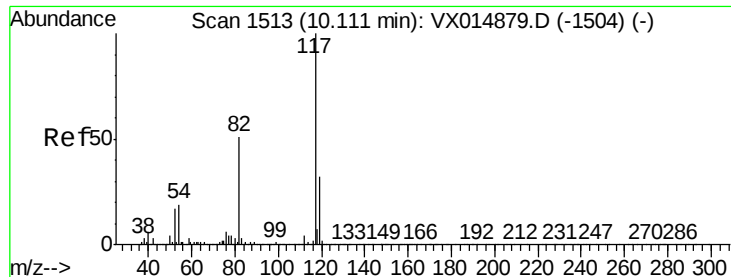
Ion Ratio Lower Upper

95 100

174 91.1 0.0 183.0

176 87.6 0.0 178.0





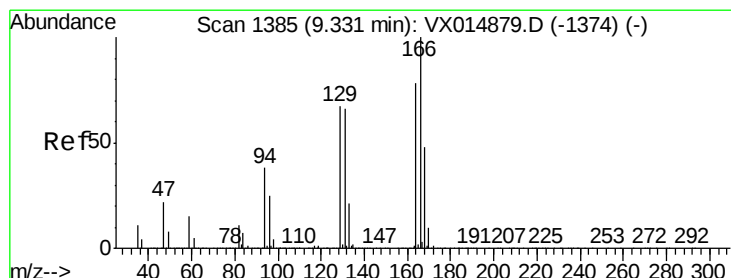
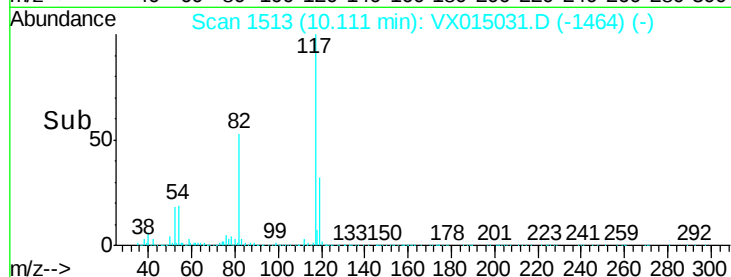
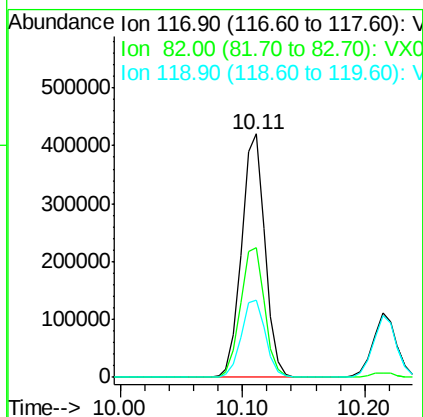
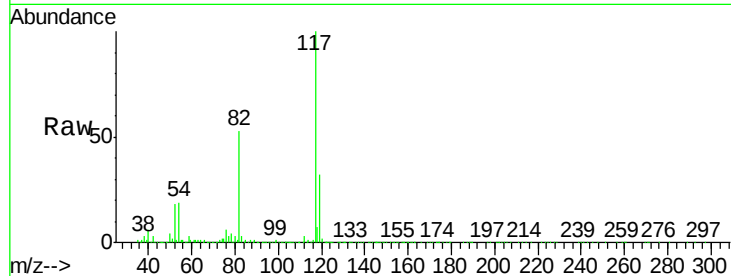
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	40.5	60.7
119	31.9	25.8	38.6

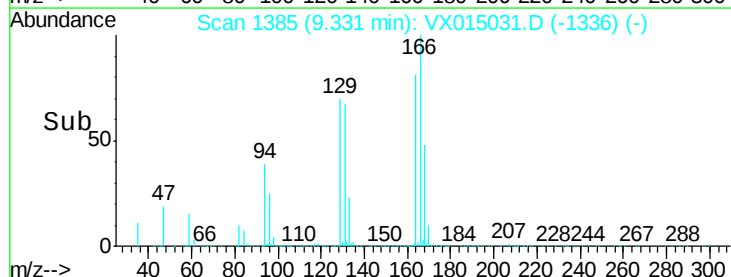
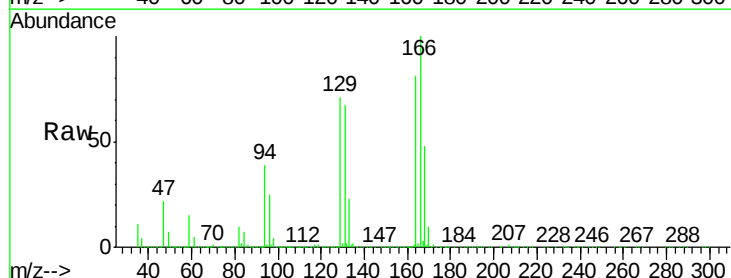
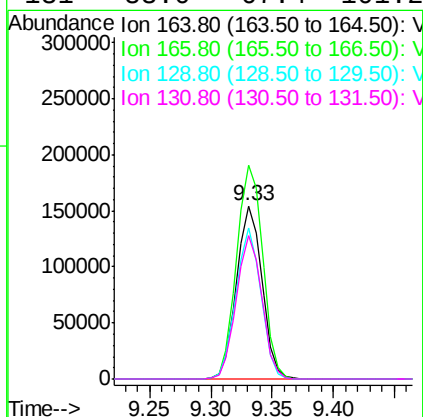
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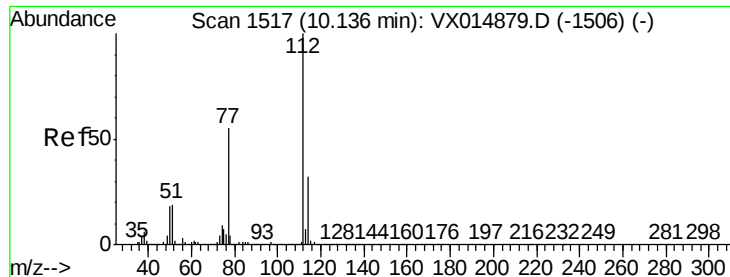
MMDadoda
2/27/2020 10:48:28 AM



#64
Tetrachloroethene
Concen: 42.745 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.4	102.6	153.8
129	87.0	68.3	102.5
131	83.0	67.4	101.2





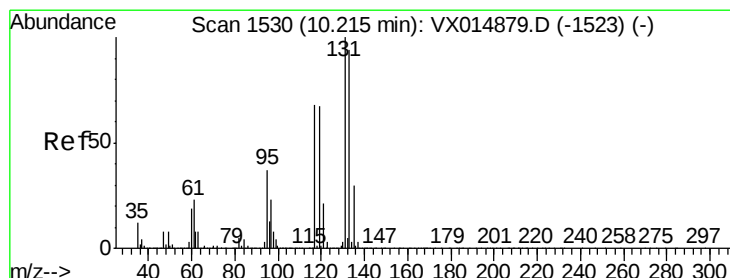
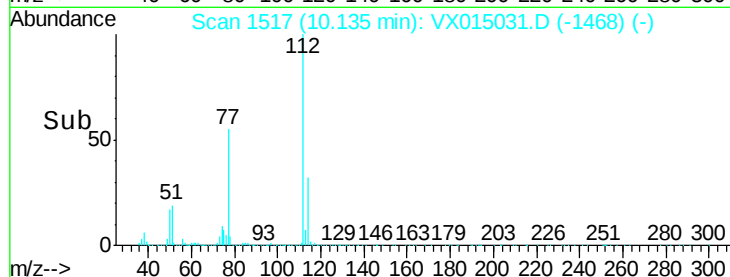
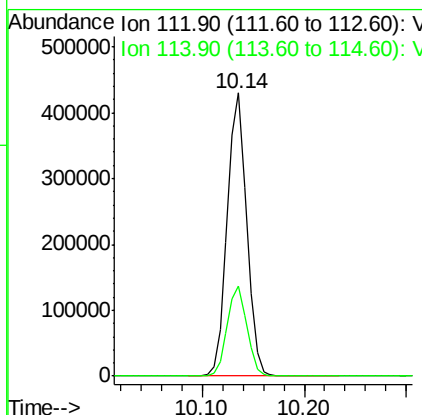
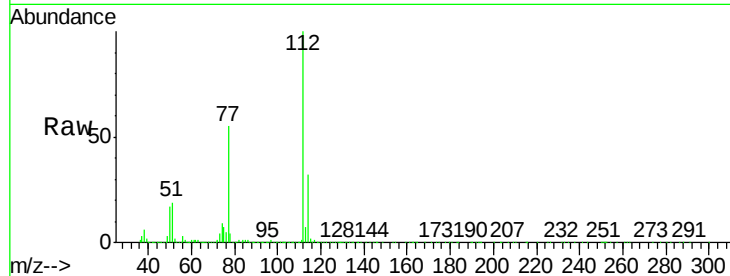
#65
Chlorobenzene
Concen: 50.413 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.6	38.4

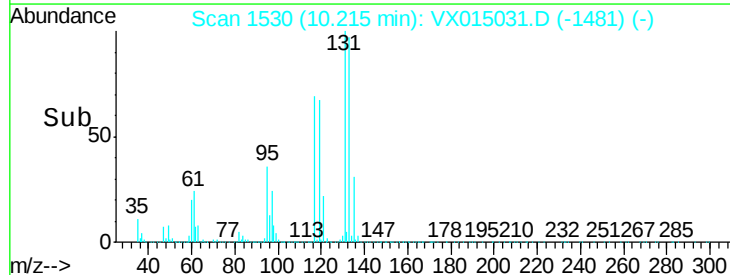
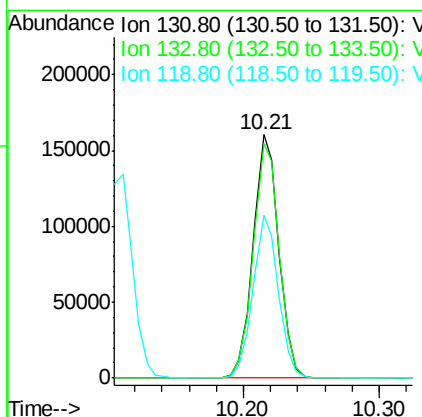
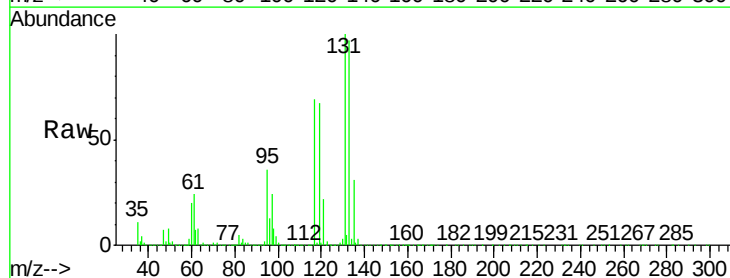
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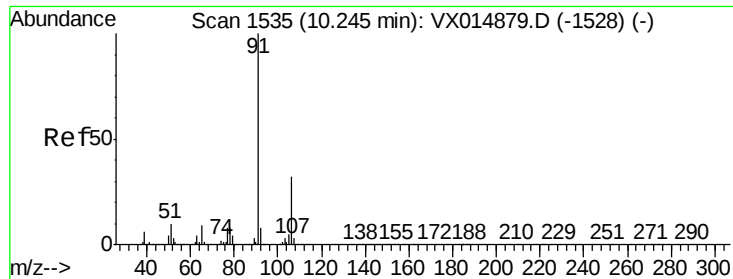
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.252 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.8	48.1	144.4
119	65.9	33.0	99.0





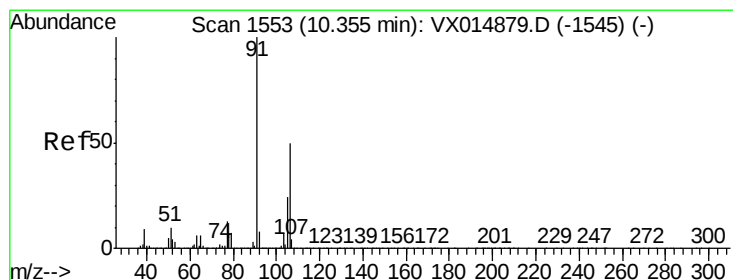
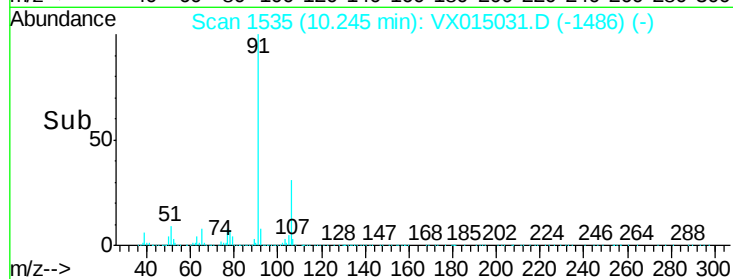
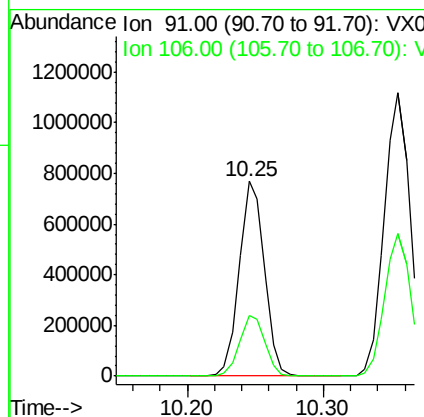
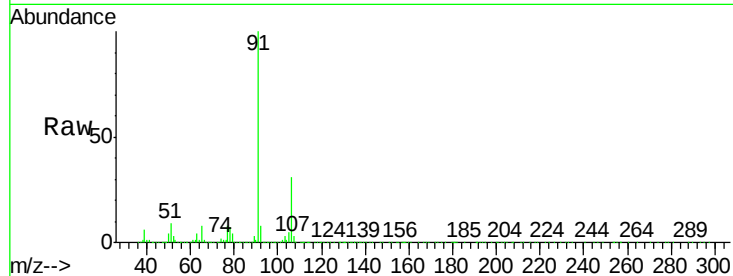
#67
Ethyl Benzene
Concen: 51.640 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 986954
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9

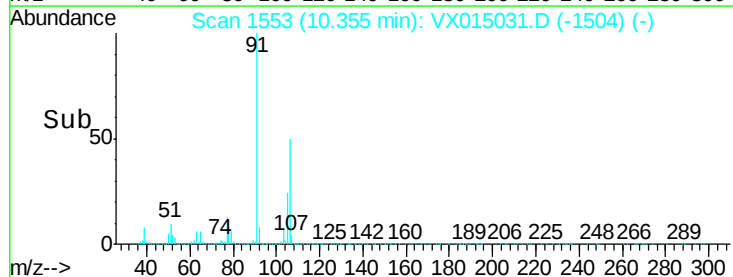
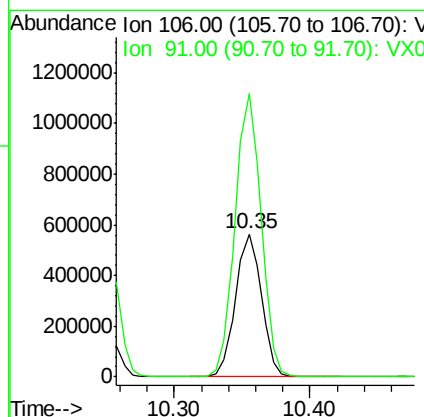
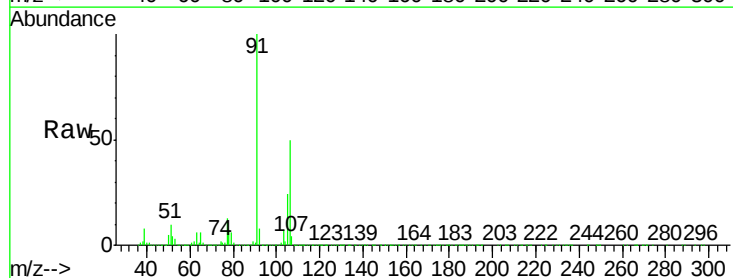
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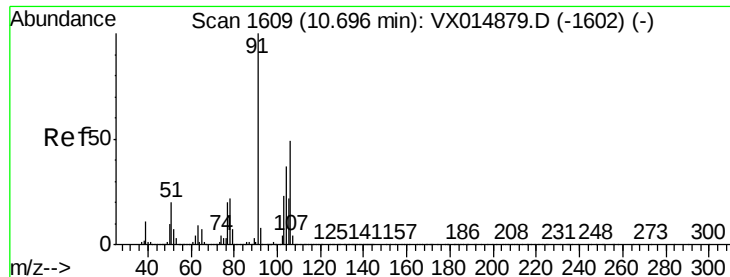
MMDadoda
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#68
m/p-Xylenes
Concen: 101.730 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion: 106 Resp: 749006
Ion Ratio Lower Upper
106 100
91 199.9 160.6 240.8





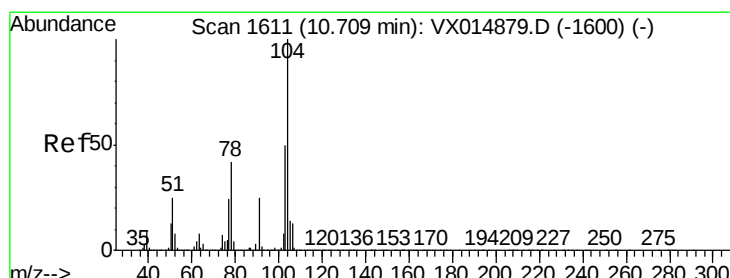
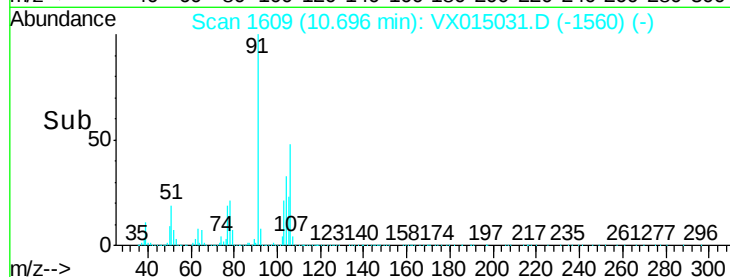
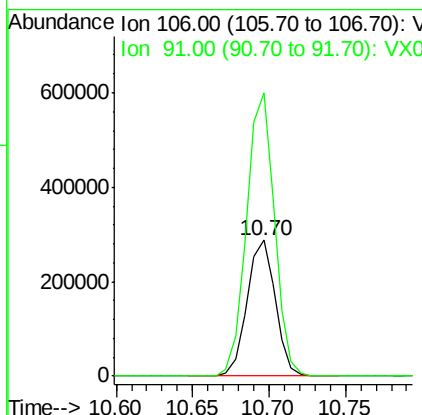
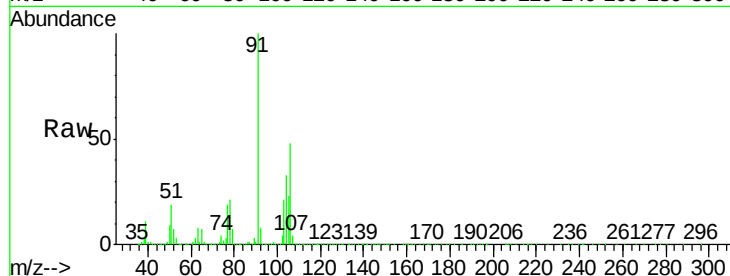
#69
o-Xylene
Concen: 51.886 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.3	105.1	315.3

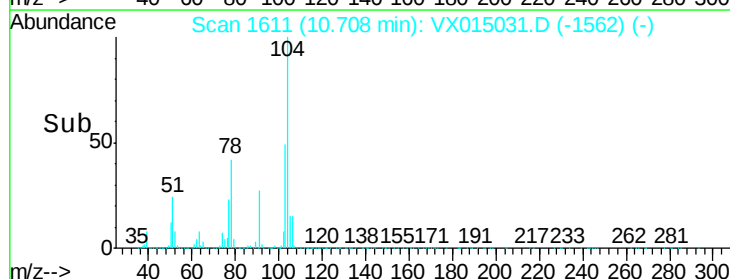
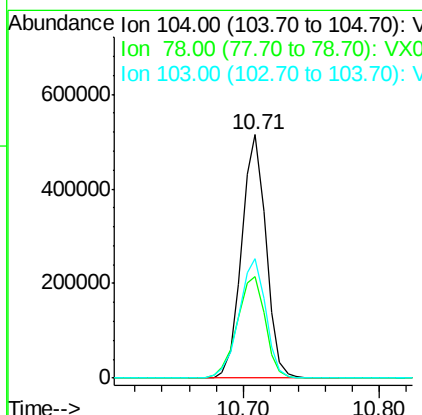
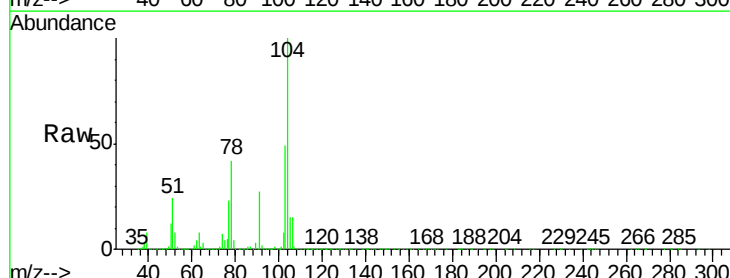
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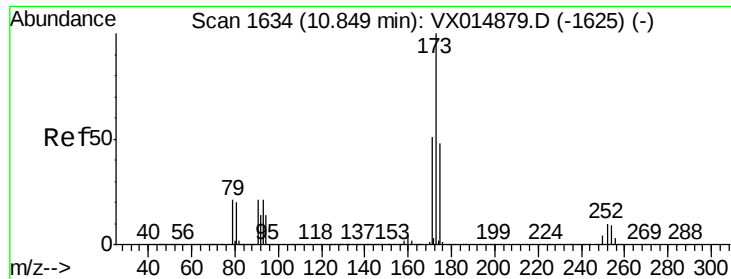
MMDadoda
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#70
Styrene
Concen: 53.749 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.9	39.0	58.4
103	53.9	43.4	65.0





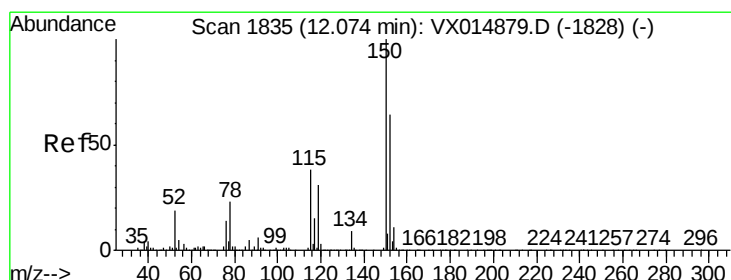
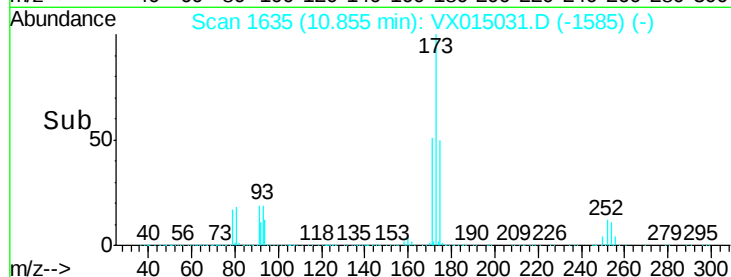
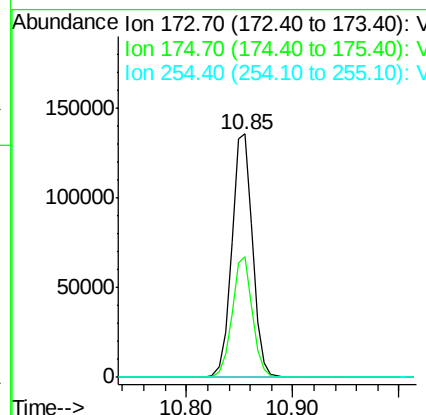
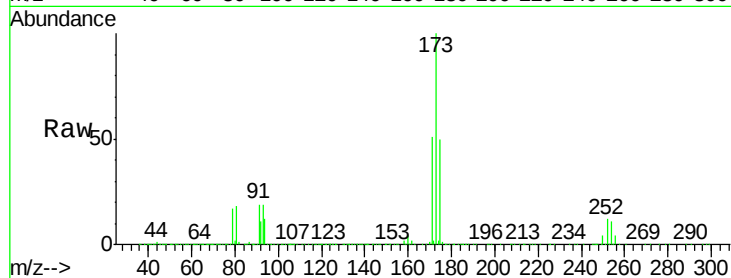
#71
Bromoform
Concen: 54.088 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.2	72.6
254	0.2	0.2	0.2

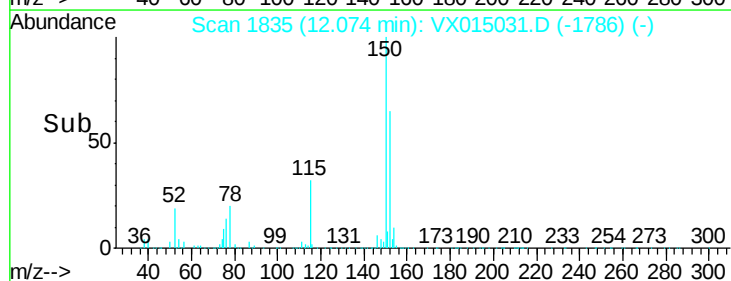
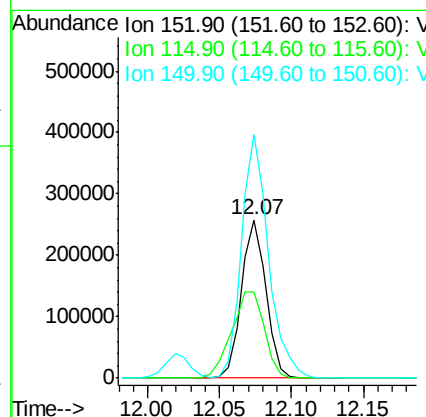
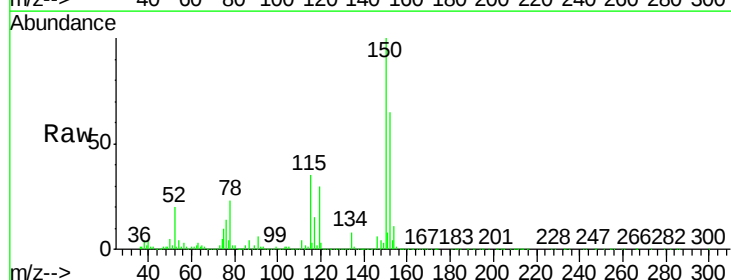
Manual Integrations
APPROVED

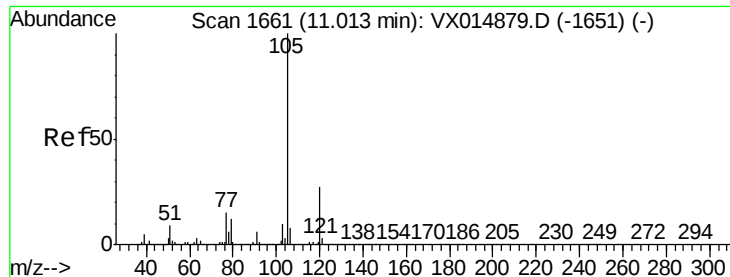
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	73.1	38.6	116.0
150	170.0	0.0	349.0





#73

Isopropylbenzene

Concen: 50.905 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 971607

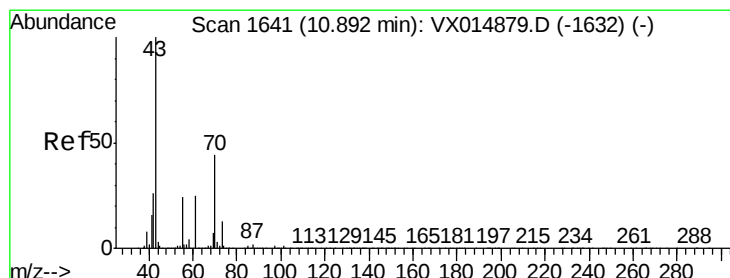
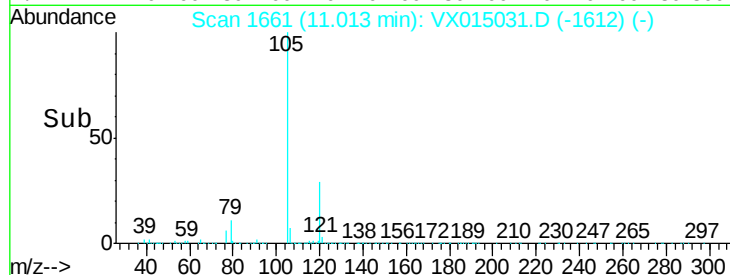
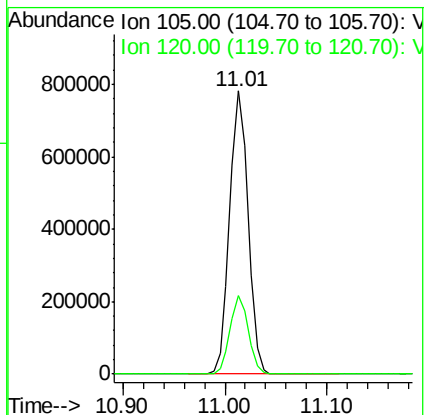
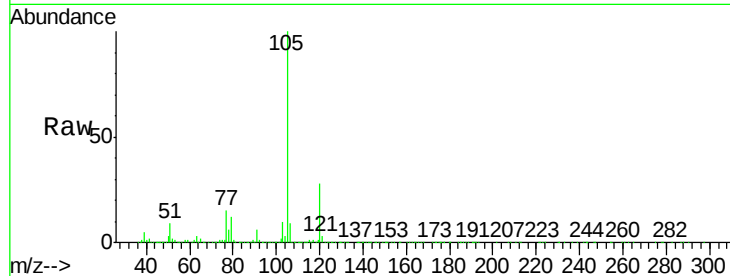
Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8

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#74

N-ethyl acetate

Concen: 55.199 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Tgt Ion: 43 Resp: 437762

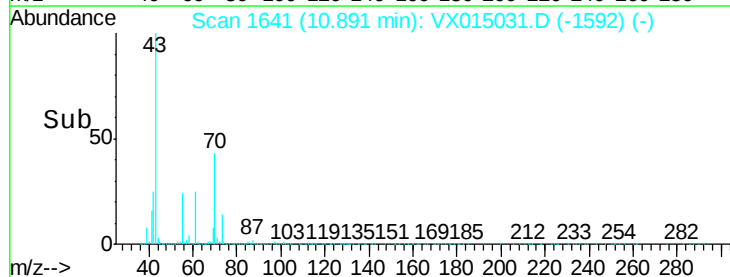
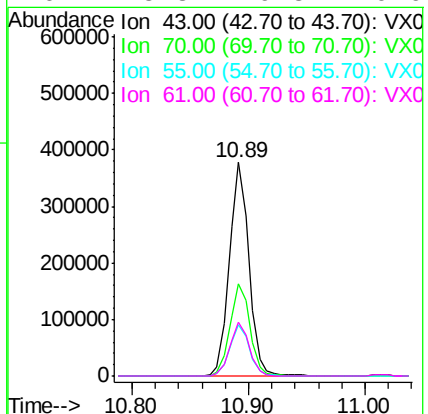
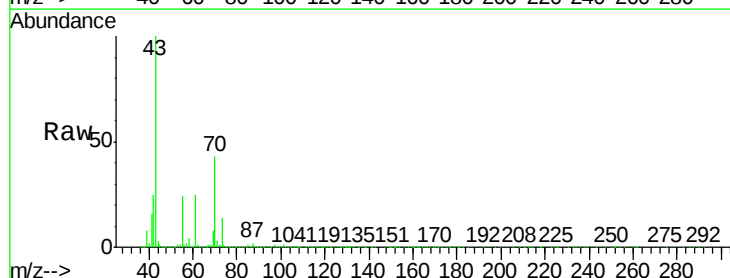
Ion Ratio Lower Upper

43 100

70 44.2 35.0 52.4

55 24.3 19.4 29.2

61 25.3 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 53.512 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

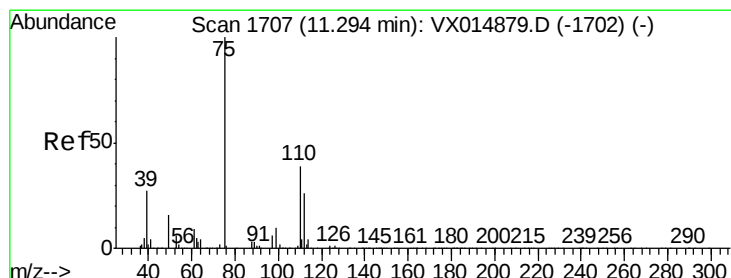
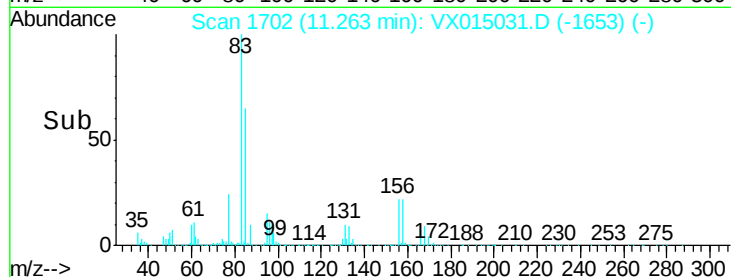
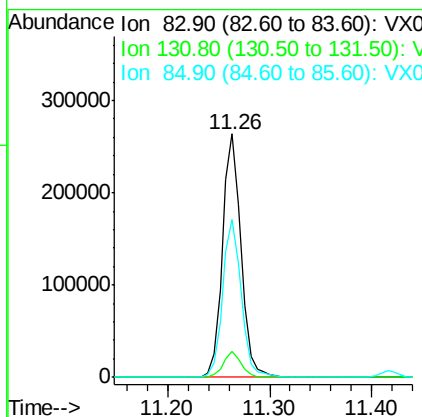
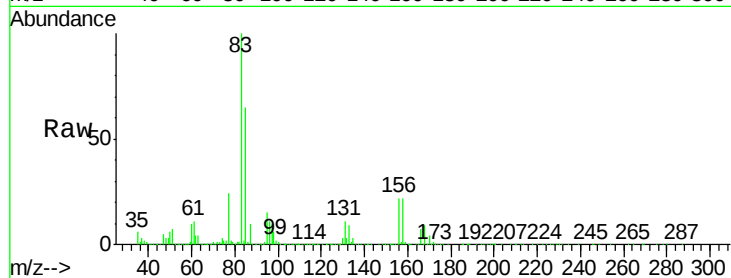
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	333874
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.3	16.1
85	65.0	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.846 ug/l m

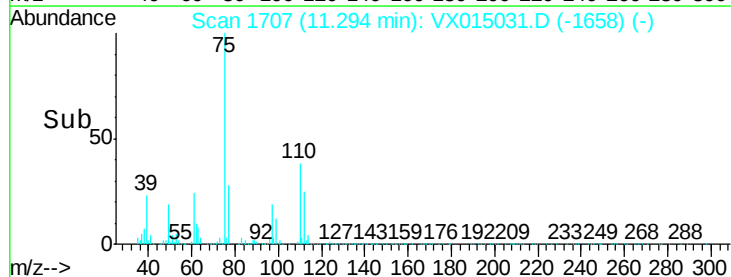
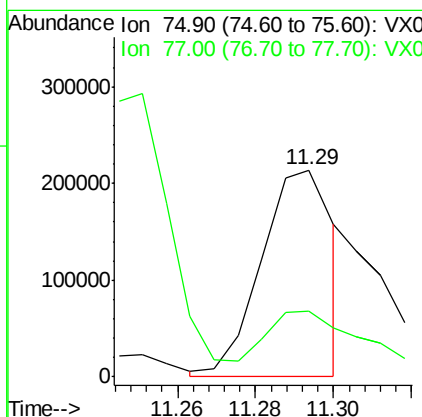
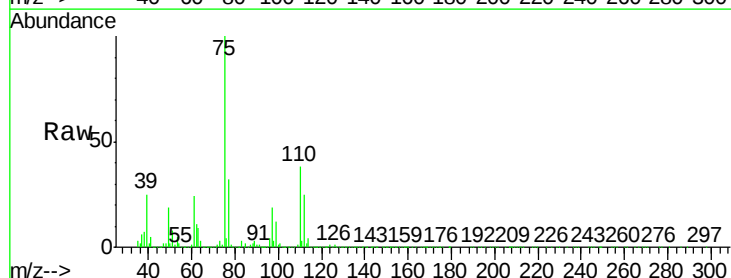
RT: 11.29 min Scan# 1707

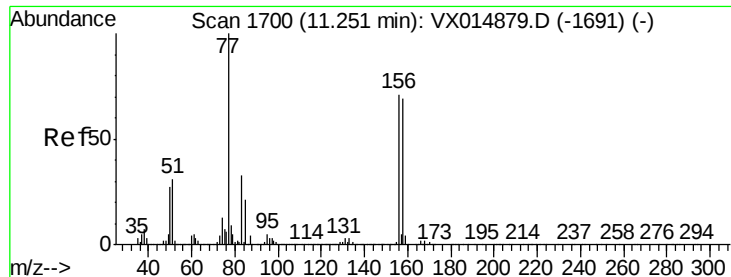
Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Tgt Ion:	75	Resp:	274343
Ion Ratio	Lower	Upper	
75	100		
77	44.0	18.4	55.0





#77

Bromobenzene

Concen: 49.999 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

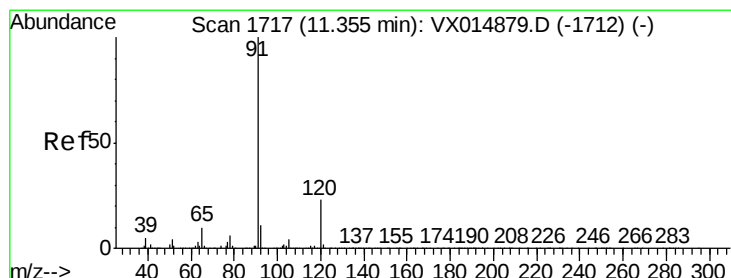
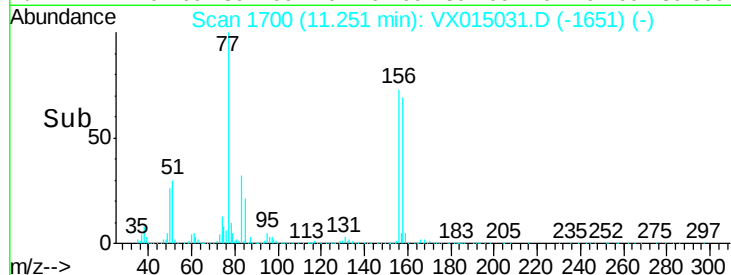
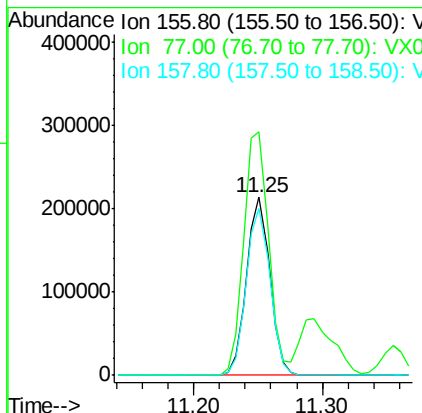
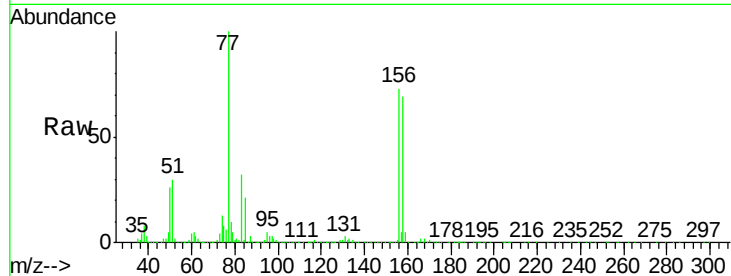
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	266361
Ion Ratio	Lower	Upper	
156	100		
77	147.3	74.0	222.0
158	95.7	48.9	146.6

Manual Integrations
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2/27/2020 10:48:28 AM



#78

n-propylbenzene

Concen: 50.471 ug/l

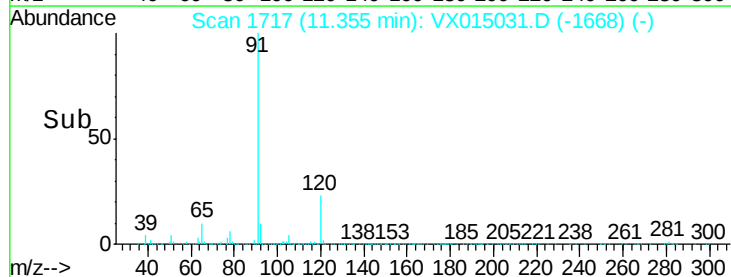
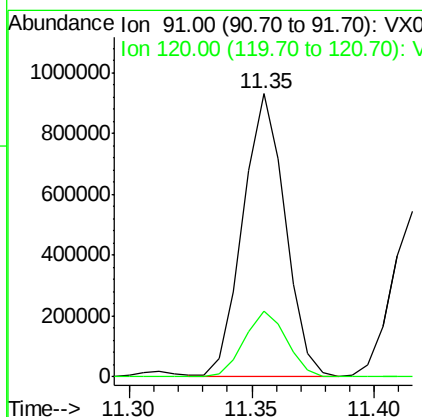
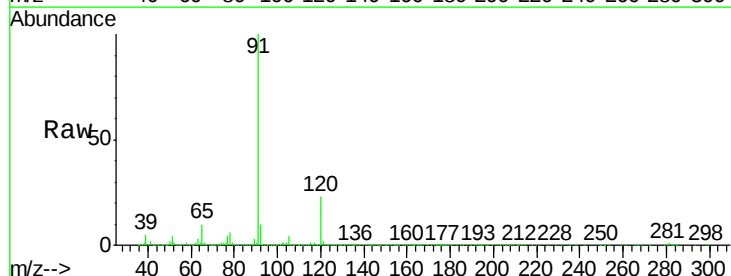
RT: 11.35 min Scan# 1717

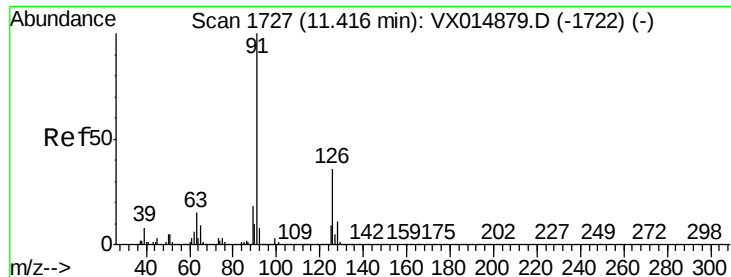
Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Tgt Ion:	91	Resp:	1114182
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.4





#79

2-Chlorotoluene

Concen: 50.452 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 654773

Ion Ratio Lower Upper

91 100

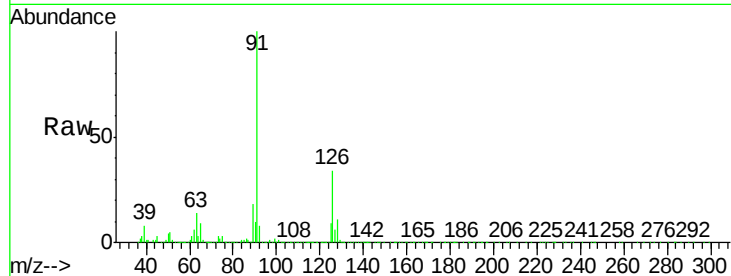
126 35.1 18.0 54.0

Manual Integrations

APPROVED

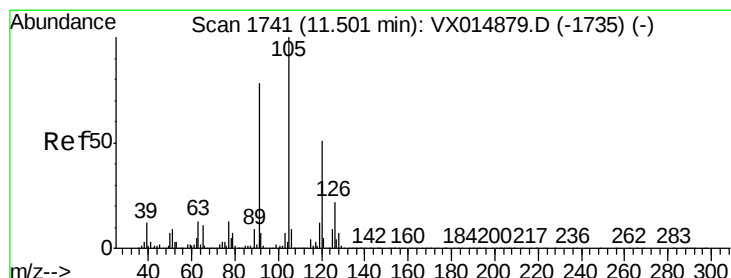
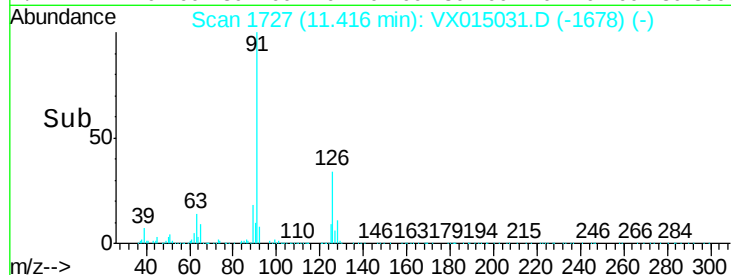
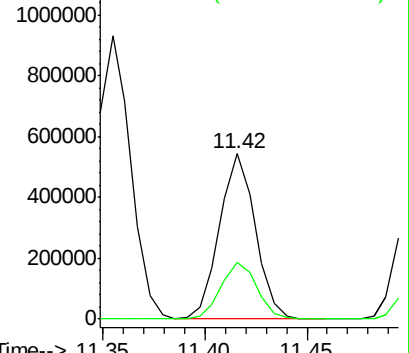
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.674 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015031.D

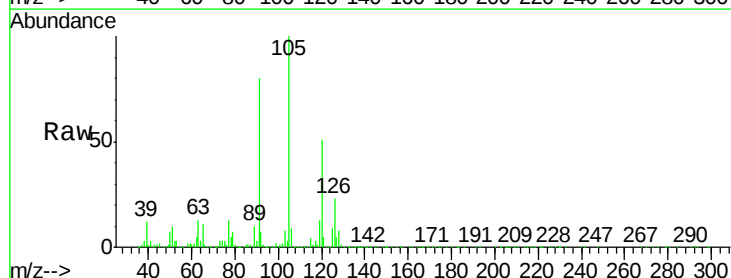
Acq: 26 Feb 2020 19:08

Tgt Ion: 105 Resp: 808156

Ion Ratio Lower Upper

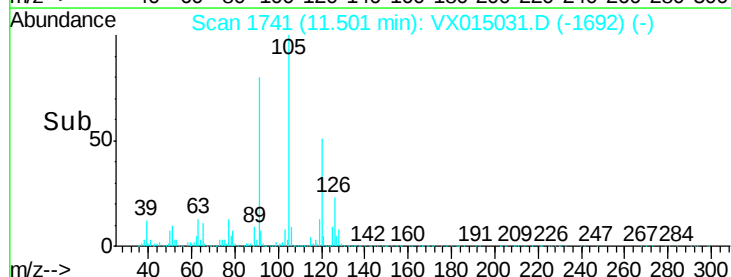
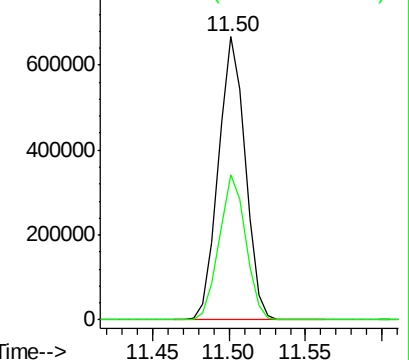
105 100

120 50.7 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





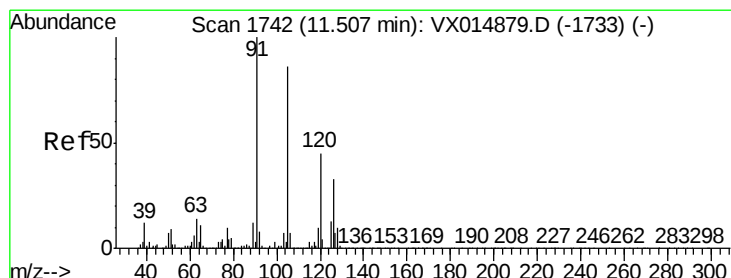
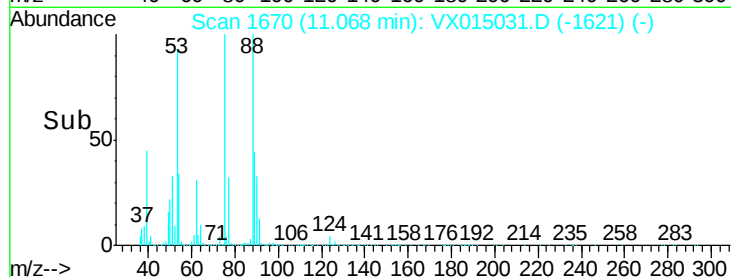
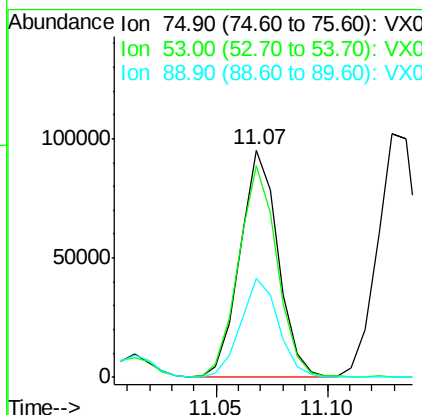
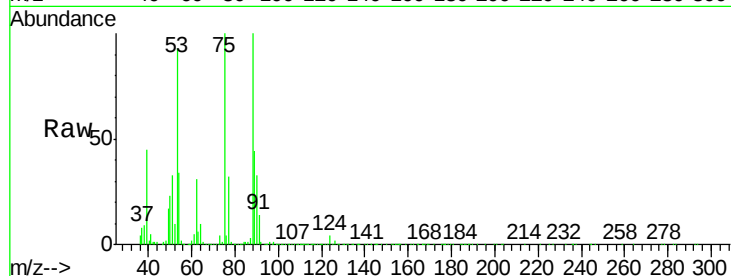
#81
trans-1,4-Dichloro-2-butene
Concen: 52.739 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.8	76.2	114.2
89	43.5	35.8	53.6

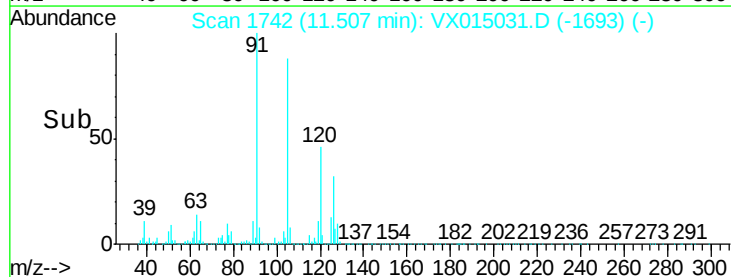
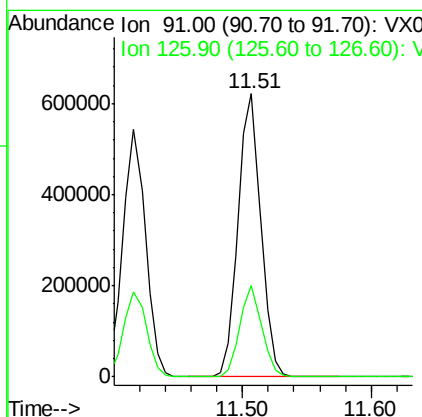
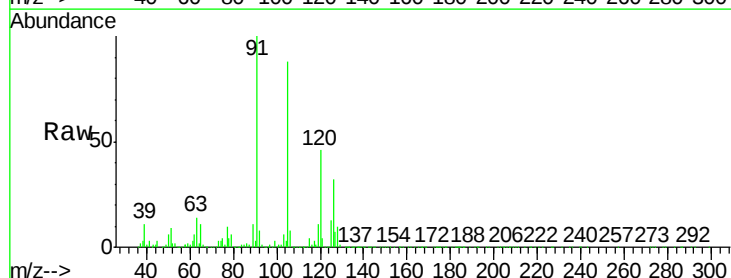
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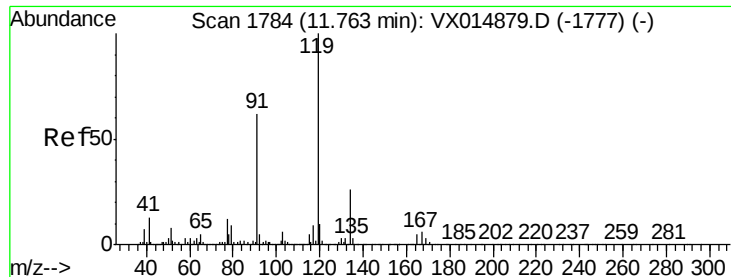
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#82
4-Chlorotoluene
Concen: 49.817 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.7	47.0





#83

tert-Butylbenzene

Concen: 53.349 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

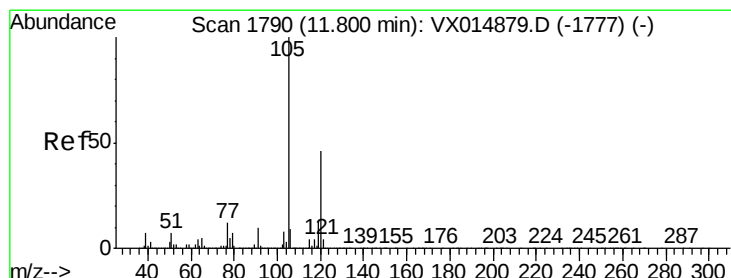
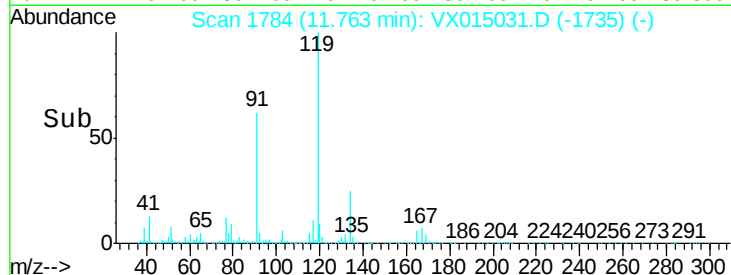
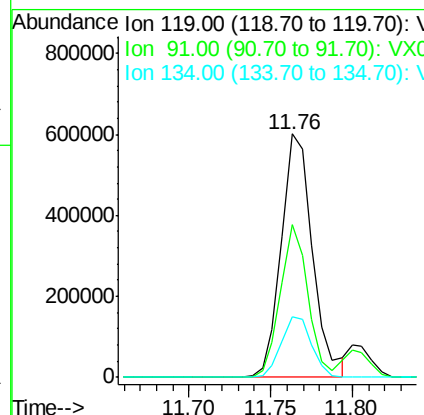
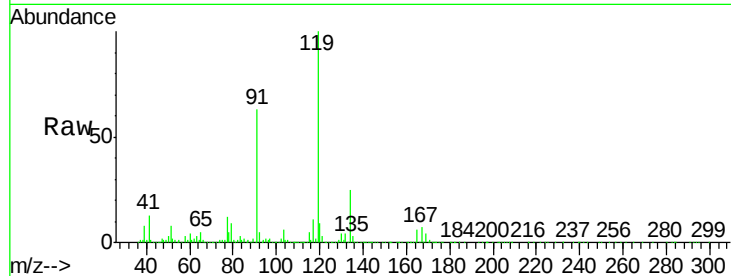
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	805685
Ion Ratio	Lower	Upper	
119	100		
91	55.3	29.5	88.6
134	24.3	12.6	37.6

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#84

1,2,4-Trimethylbenzene

Concen: 51.117 ug/l

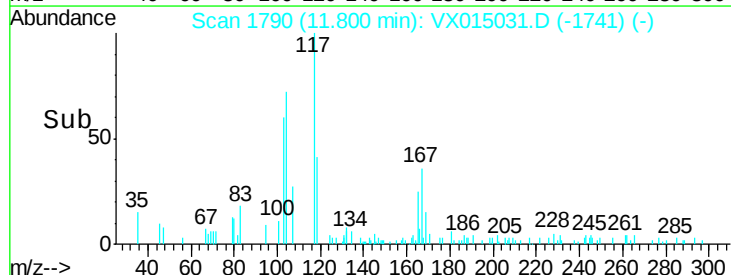
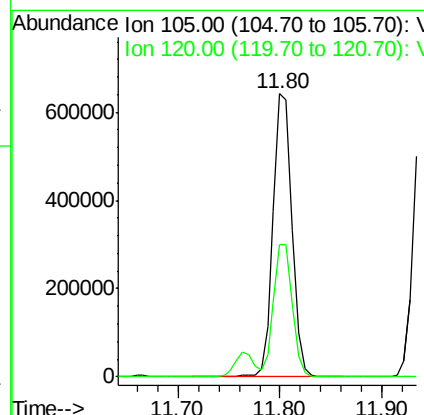
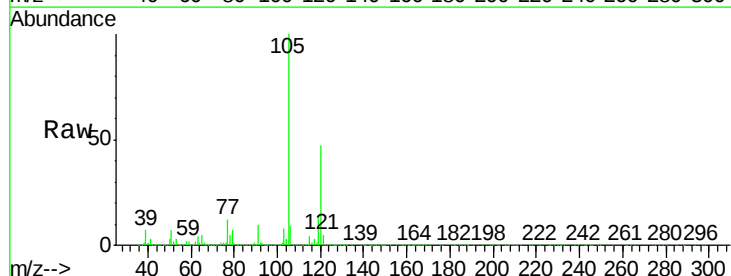
RT: 11.80 min Scan# 1790

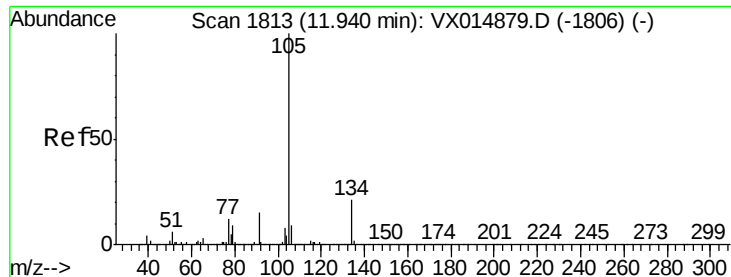
Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Tgt Ion:	105	Resp:	821555
Ion Ratio	Lower	Upper	
105	100		
120	46.5	23.0	69.0





#85

sec-Butylbenzene

Concen: 50.419 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 945923

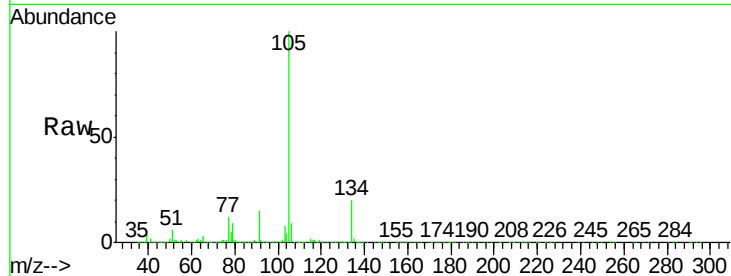
Ion Ratio Lower Upper

105 100

134 20.8 10.6 31.8

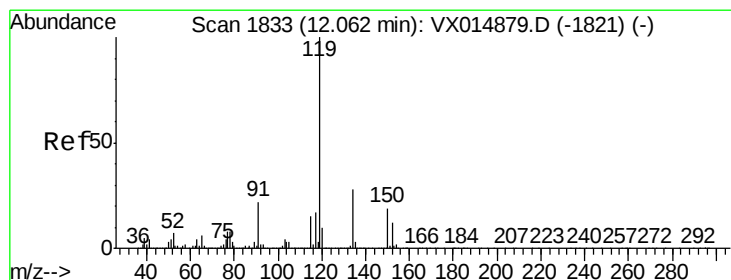
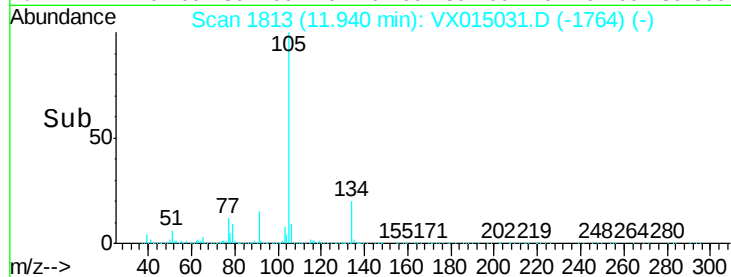
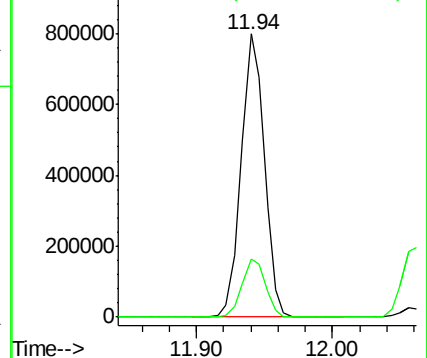
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.009 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

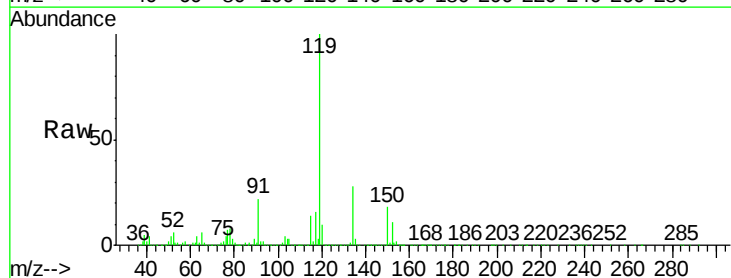
Tgt Ion:119 Resp: 877975

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

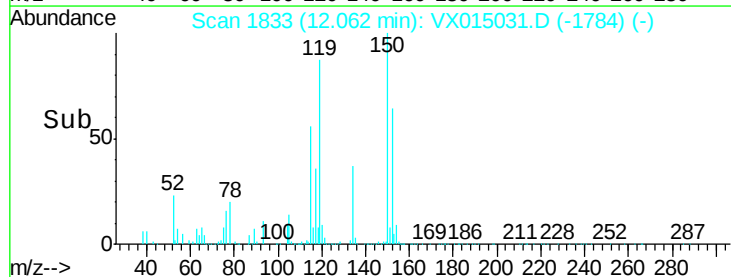
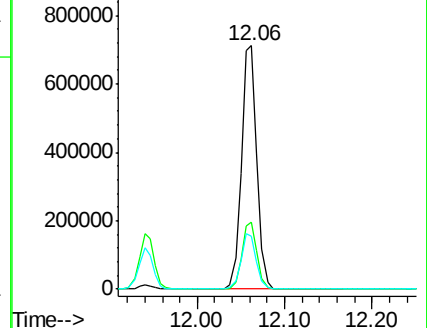
91 22.6 11.4 34.1

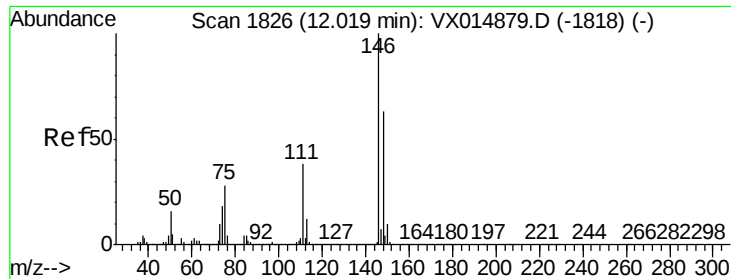


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.936 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

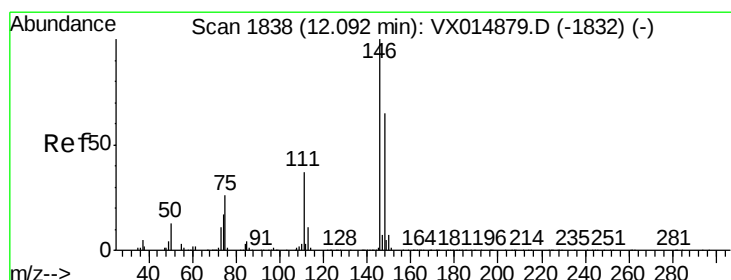
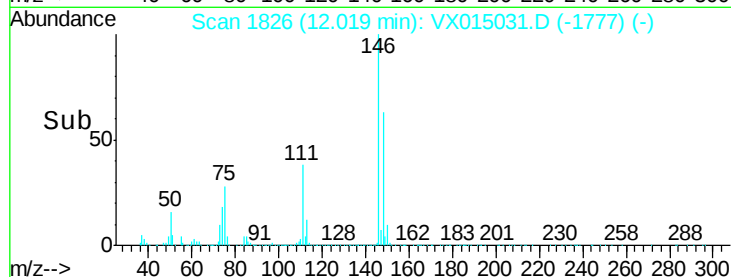
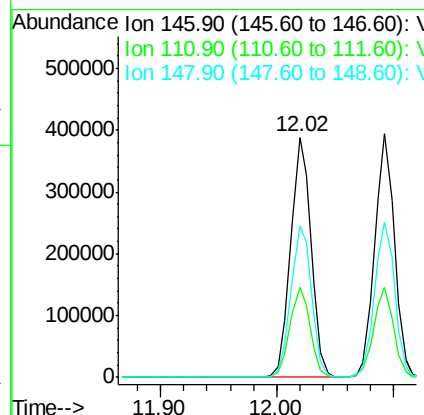
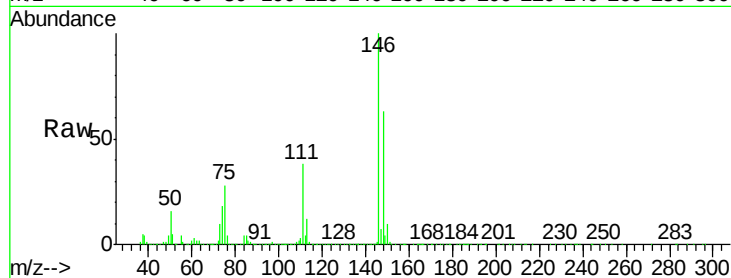
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	56.0
148	64.0	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.547 ug/l

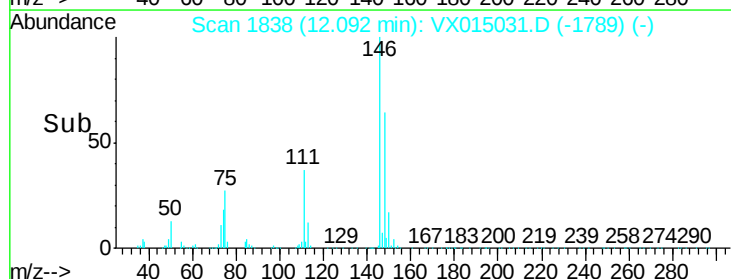
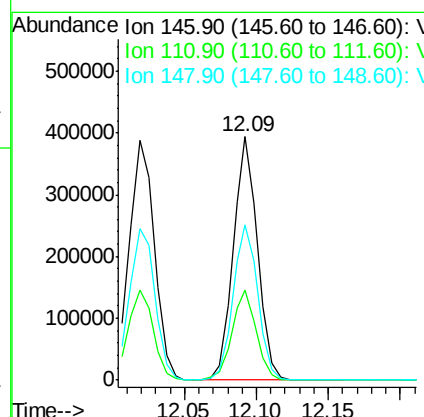
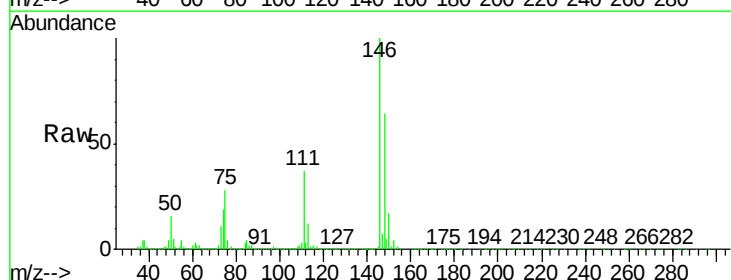
RT: 12.09 min Scan# 1838

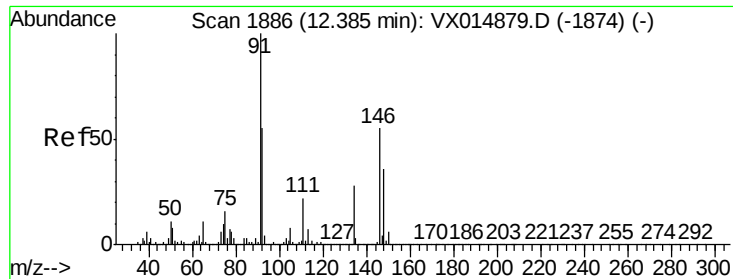
Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.6
148	65.3	32.4	97.0





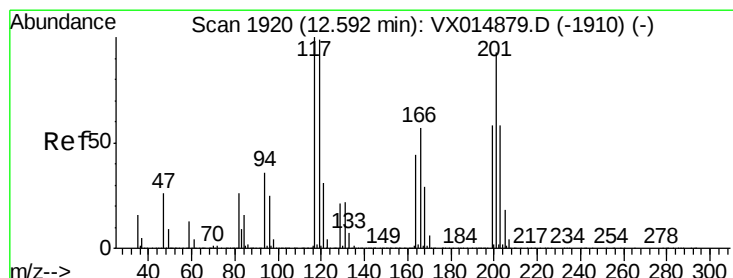
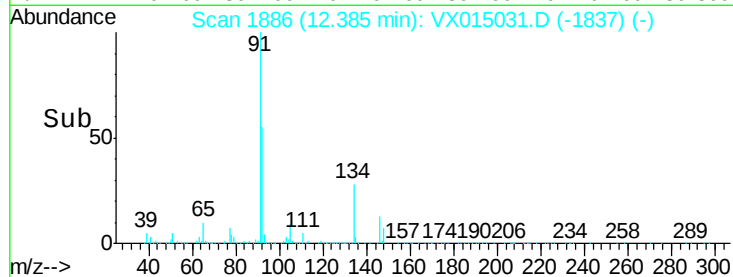
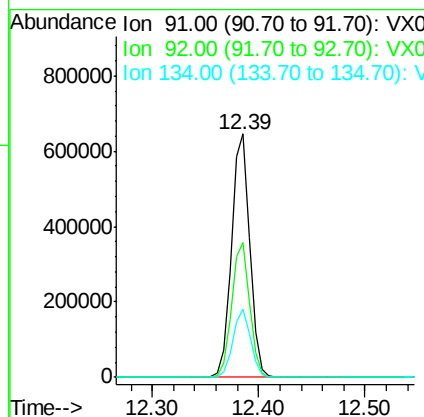
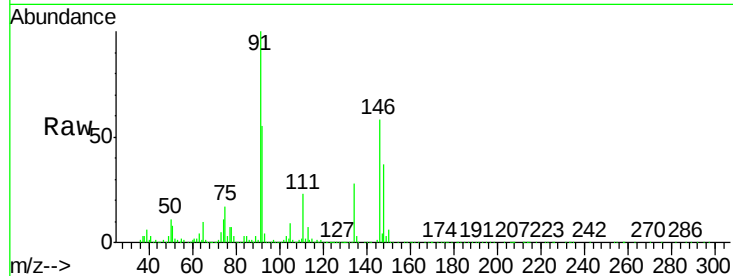
#89
n-Butylbenzene
Concen: 49.253 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.3	81.8
134	27.4	13.8	41.4

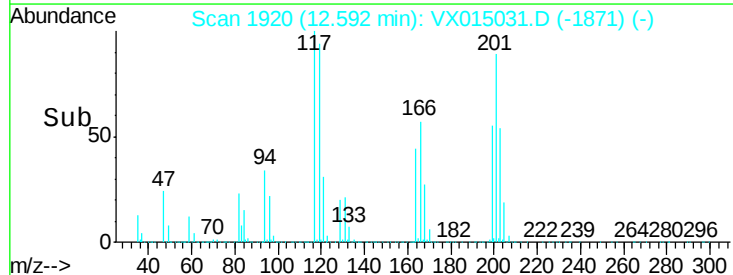
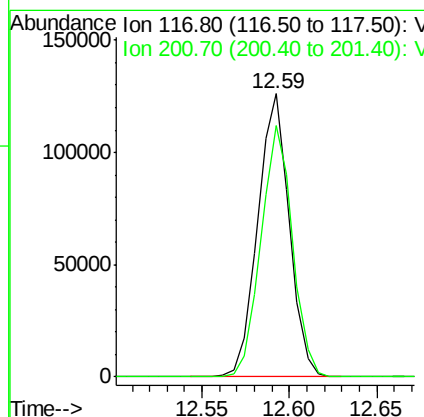
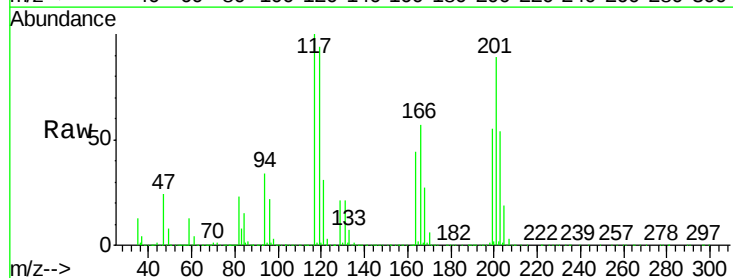
Manual Integrations
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#90
Hexachloroethane
Concen: 51.997 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	44.8	134.3





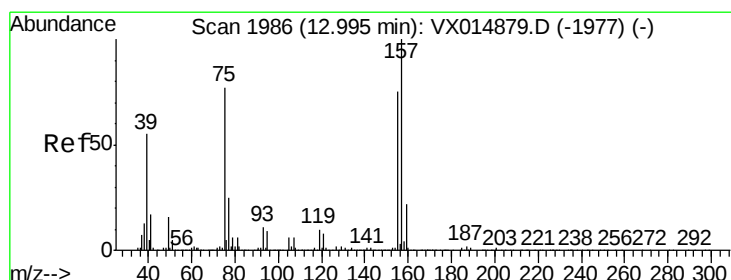
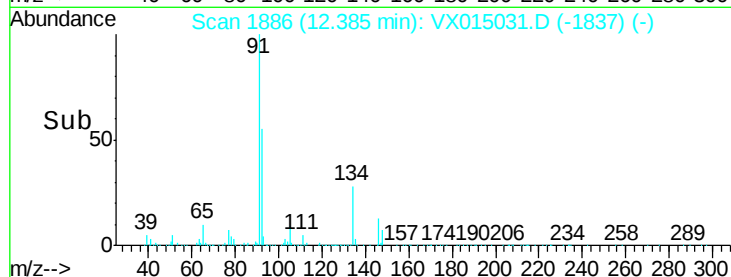
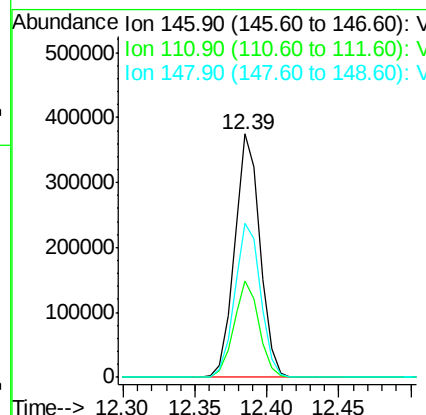
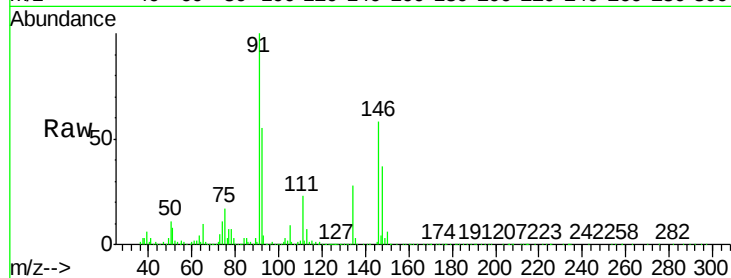
#91
 1,2-Dichlorobenzene
 Concen: 49.359 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.3
148	64.7	32.4	97.2

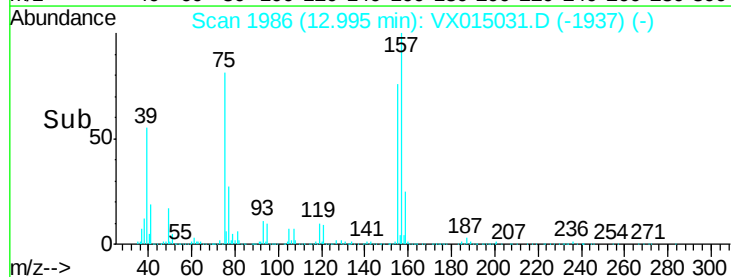
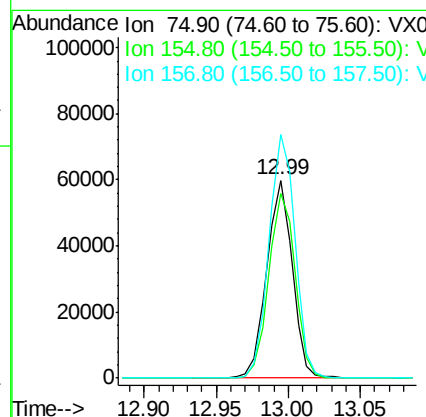
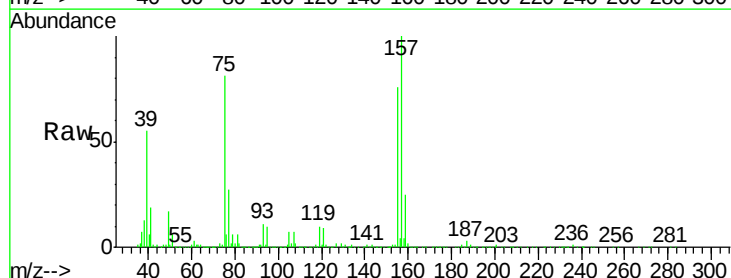
Manual Integrations
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 2/27/2020 10:48:28 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.776 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	48.6	145.9
157	126.6	62.0	186.0





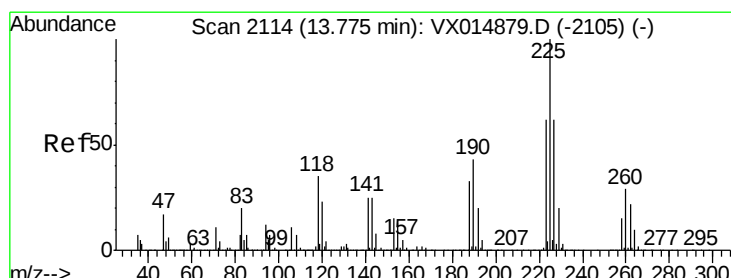
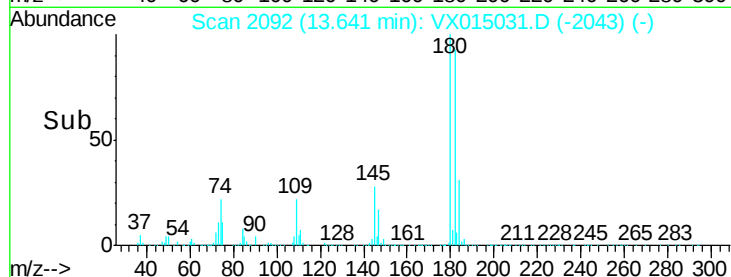
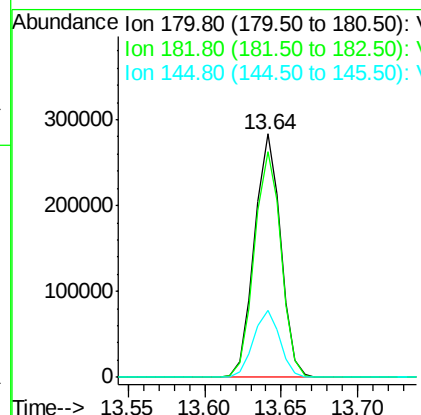
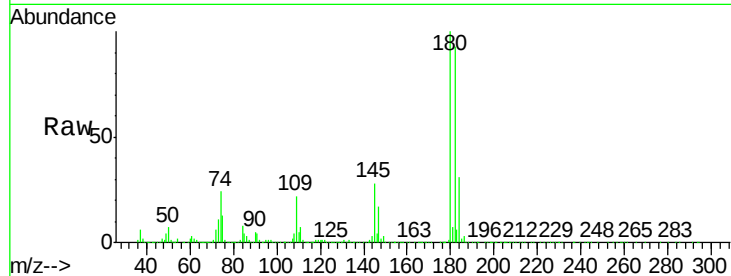
#93
 1,2,4-Trichlorobenzene
 Concen: 49.010 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	339037		
182	93.7	48.4	145.3	
145	27.6	14.1	42.4	

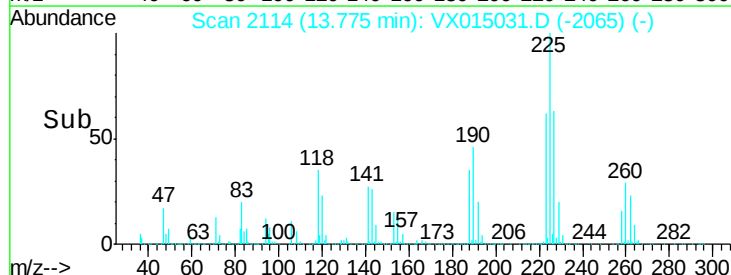
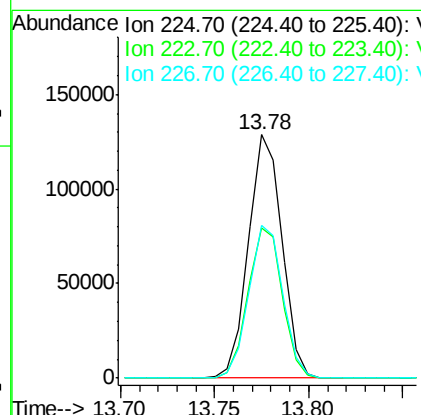
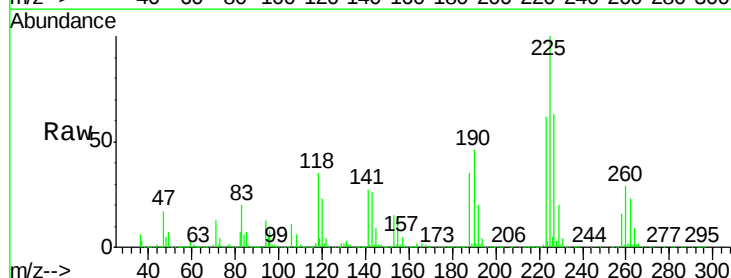
Manual Integrations
 APPROVED

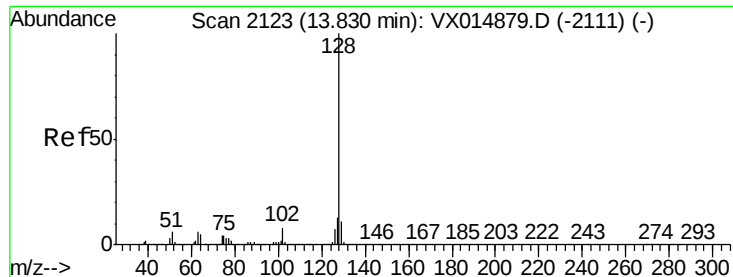
MMDadoda
 2/27/2020 10:48:28 AM



#94
 Hexachlorobutadiene
 Concen: 47.545 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	159085		
223	63.0	31.1	93.2	
227	63.6	30.9	92.5	





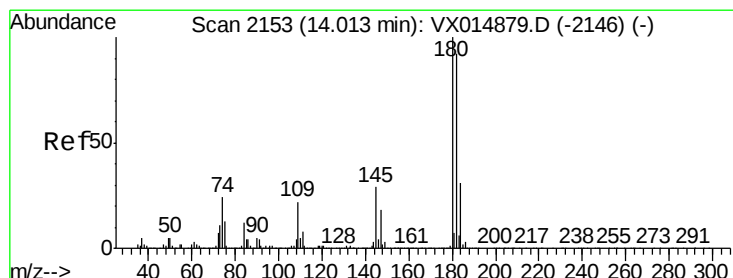
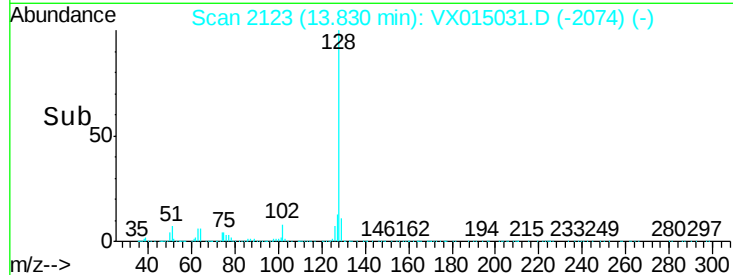
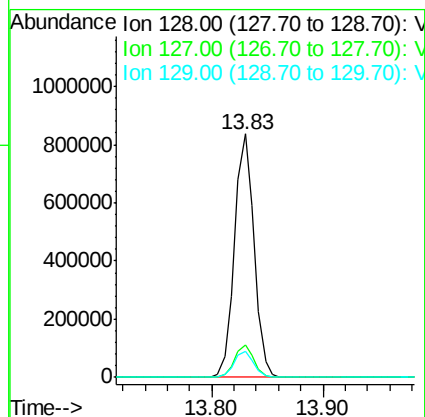
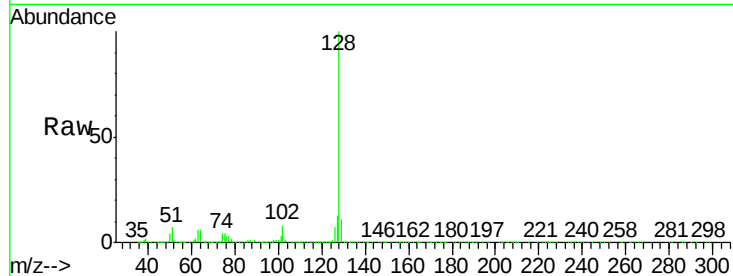
#95
Naphthalene
Concen: 54.950 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/27/2020 10:48:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.859 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.5	142.6
145	29.9	14.5	43.5

