

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015094.D
 Acq On : 04 Mar 2020 17:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 12:32:12 PM

Quant Time: Mar 05 08:02:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	385740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	596832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	558313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	293924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	223079	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	5.49	113	180172	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	8.71	98	707416	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.13	95	252156	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	164889	48.815	ug/l	99
3) Chloromethane	1.32	50	231580	48.400	ug/l	98
4) Vinyl Chloride	1.40	62	234980	48.432	ug/l	99
5) Bromomethane	1.63	94	144774	48.536	ug/l	96
6) Chloroethane	1.72	64	145334	49.936	ug/l	99
7) Trichlorofluoromethane	1.92	101	282480	48.931	ug/l	96
8) Diethyl Ether	2.18	74	127696	48.836	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	176968	48.723	ug/l	99
10) Methyl Iodide	2.50	142	197873	48.220	ug/l	100
11) Tert butyl alcohol	3.03	59	174457	219.723	ug/l	99
12) 1,1-Dichloroethene	2.37	96	182540	48.696	ug/l	97
13) Acrolein	2.28	56	166862	223.628	ug/l	100
14) Allyl chloride	2.72	41	317084	48.513	ug/l	100
15) Acrylonitrile	3.13	53	494467	250.066	ug/l	100
16) Acetone	2.43	43	400796	216.258	ug/l	100
17) Carbon Disulfide	2.56	76	491974	47.259	ug/l	100
18) Methyl Acetate	2.76	43	210916	46.542	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	591884	50.529	ug/l	100
20) Methylene Chloride	2.85	84	202958	46.794	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	193339	48.304	ug/l	95
22) Diisopropyl ether	3.84	45	658825	50.593	ug/l	99
23) Vinyl Acetate	3.81	43	2796880	261.285	ug/l	100
24) 1,1-Dichloroethane	3.69	63	347553	48.089	ug/l	98
25) 2-Butanone	4.66	43	657727	242.412	ug/l	100
26) 2,2-Dichloropropane	4.58	77	266291	46.413	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	222464	49.543	ug/l	100
28) Bromochloromethane	5.01	49	163678	49.734	ug/l	100
29) Tetrahydrofuran	5.11	42	435576	249.043	ug/l	99
30) Chloroform	5.20	83	348096	49.416	ug/l	99
31) Cyclohexane	5.58	56	319041	49.490	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	296712	50.813	ug/l	98
36) 1,1-Dichloropropene	5.79	75	264984	48.027	ug/l	99
37) Ethyl Acetate	4.82	43	272337	53.211	ug/l	99
38) Carbon Tetrachloride	5.78	117	255482	49.055	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	316231	49.084	ug/l	97
40) Benzene	6.14	78	804792	49.164	ug/l	99
41) Methacrylonitrile	5.03	41	151076	49.144	ug/l	99
42) 1,2-Dichloroethane	6.18	62	282507	50.255	ug/l	99
43) Isopropyl Acetate	6.43	43	449750	49.952	ug/l	100
44) Trichloroethene	7.21	130	218860	48.008	ug/l	95
45) 1,2-Dichloropropane	7.51	63	208930	49.310	ug/l	99
46) Dibromomethane	7.65	93	133859	48.485	ug/l	98
47) Bromodichloromethane	7.89	83	275067	50.383	ug/l	99
48) Methyl methacrylate	7.76	41	225355	49.177	ug/l	99
49) 1,4-Dioxane	7.73	88	83619	843.963	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1366658	256.724	ug/l	99
52) Toluene	8.78	92	507882	50.743	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	298922	51.440	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	332669	50.638	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	203815	49.474	ug/l	98
56) Ethyl methacrylate	9.17	69	316774	53.909	ug/l	99
57) 1,3-Dichloropropane	9.37	76	345999	49.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	824007	257.408	ug/l	99
59) 2-Hexanone	9.48	43	1009098	255.749	ug/l	99
60) Dibromochloromethane	9.57	129	224723	51.929	ug/l	98
61) 1,2-Dibromoethane	9.67	107	212759	49.170	ug/l	100
64) Tetrachloroethene	9.33	164	220699	47.810	ug/l	96
65) Chlorobenzene	10.14	112	553443	49.375	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	204432	48.368	ug/l	99
67) Ethyl Benzene	10.25	91	970003	50.962	ug/l	98
68) m/p-Xylenes	10.35	106	741406	102.380	ug/l	100
69) o-Xylene	10.70	106	356755	51.454	ug/l	99
70) Styrene	10.71	104	615049	51.736	ug/l	100
71) Bromoform	10.85	173	168728	51.479	ug/l	98
73) Isopropylbenzene	11.01	105	944162	50.285	ug/l	100
74) N-amyl acetate	10.89	43	404759	51.152	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	300730	48.060	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	286332m	48.838	ug/l	
77) Bromobenzene	11.25	156	246657	47.138	ug/l	98
78) n-propylbenzene	11.35	91	1093470	50.975	ug/l	100
79) 2-Chlorotoluene	11.42	91	637024	49.727	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	785674	50.266	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	99529	48.178	ug/l	99
82) 4-Chlorotoluene	11.51	91	739010	48.829	ug/l	100
83) tert-Butylbenzene	11.76	119	769094	50.888	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	800011	50.949	ug/l	99
85) sec-Butylbenzene	11.94	105	909276	49.838	ug/l	100
86) p-Isopropyltoluene	12.06	119	850191	50.580	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	443025	48.161	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	442317	46.574	ug/l	99
89) n-Butylbenzene	12.39	91	760595	50.876	ug/l	99
90) Hexachloroethane	12.59	117	153104	48.179	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	440732	48.191	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	63582	50.743	ug/l	99

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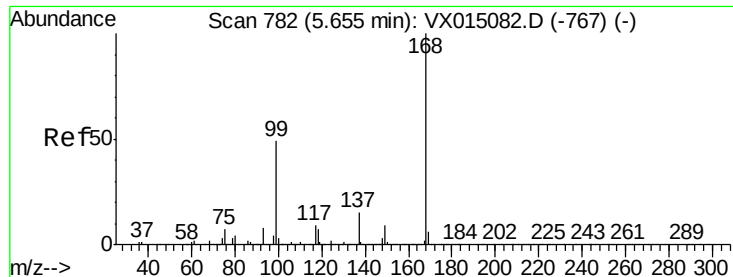
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	310221	48.867	ug/l	99
94) Hexachlorobutadiene	13.78	225	146190	44.877	ug/l	98
95) Naphthalene	13.83	128	898638	46.298	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	315999	49.890	ug/l	98

(#) = 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: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:168 Resp: 385740

Ion Ratio Lower Upper

168 100

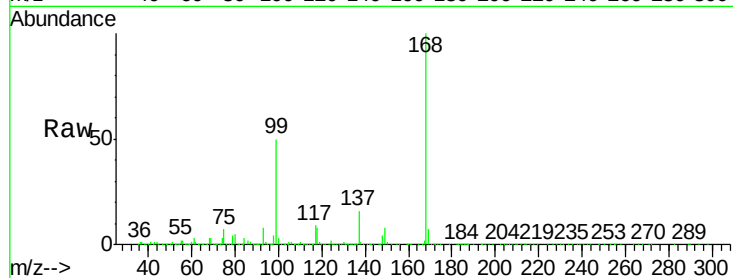
99 49.7 39.4 59.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

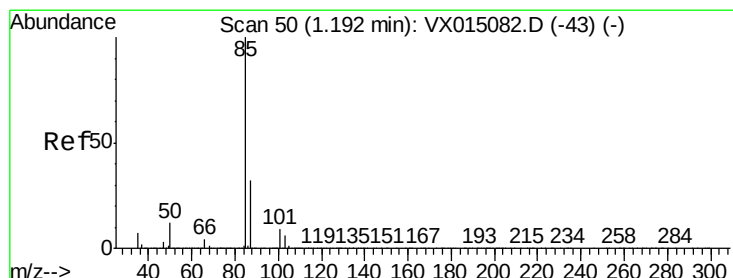
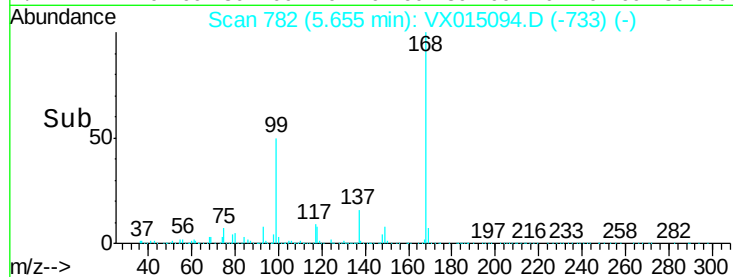
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.815 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015094.D

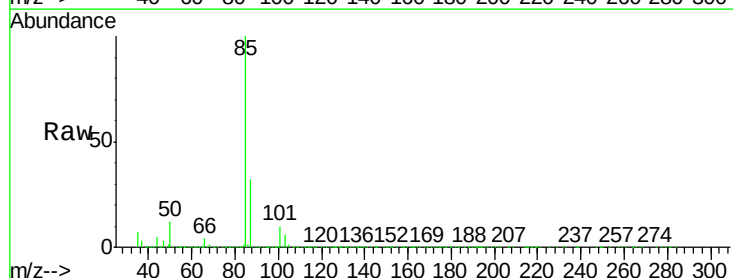
Acq: 04 Mar 2020 17:50

Tgt Ion: 85 Resp: 164889

Ion Ratio Lower Upper

85 100

87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

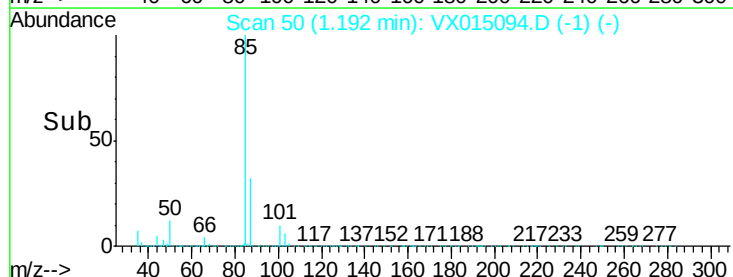
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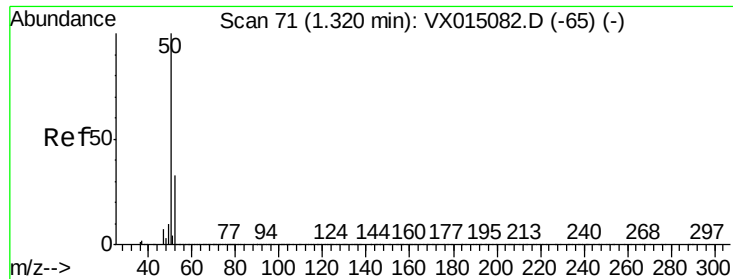
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 48.400 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 231580

Ion Ratio Lower Upper

50 100

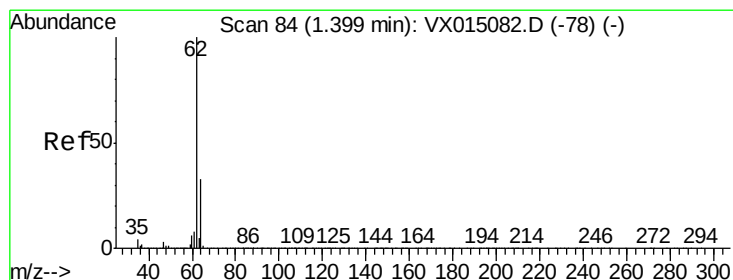
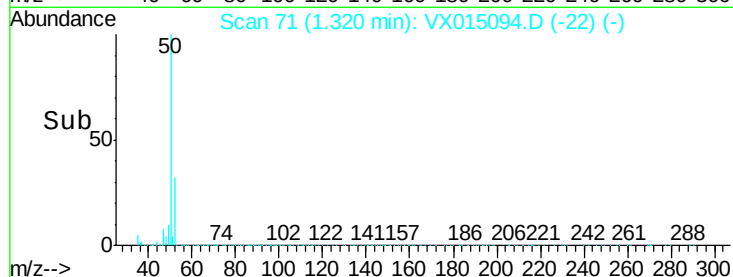
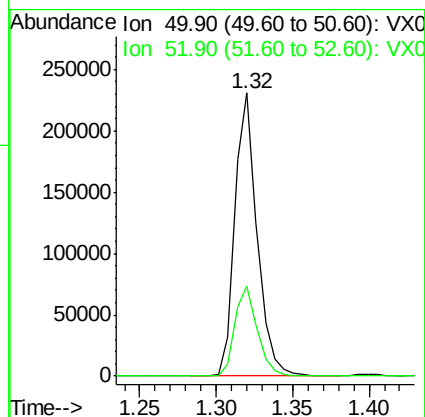
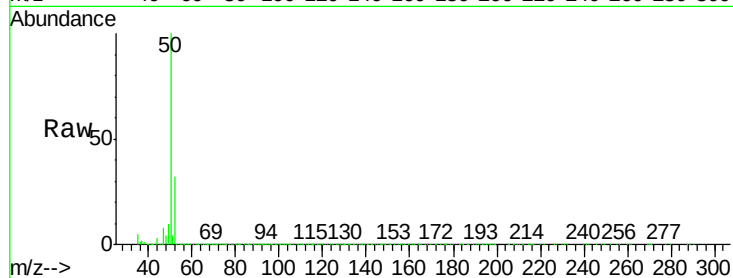
52 31.8 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.432 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015094.D

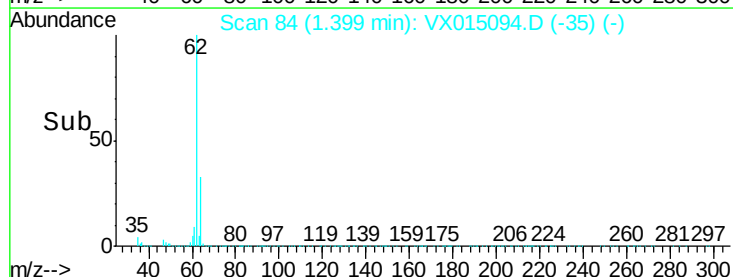
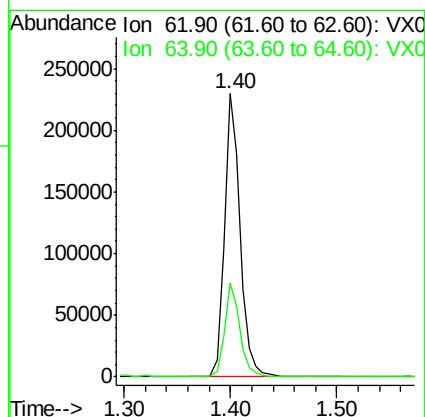
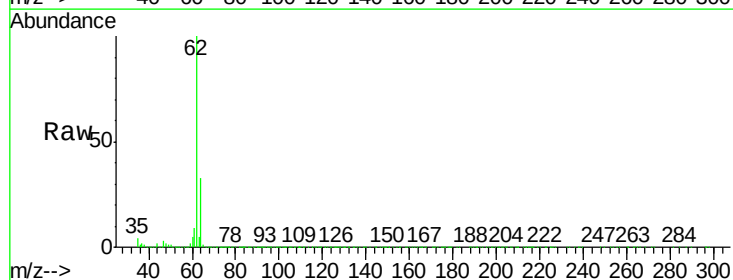
Acq: 04 Mar 2020 17:50

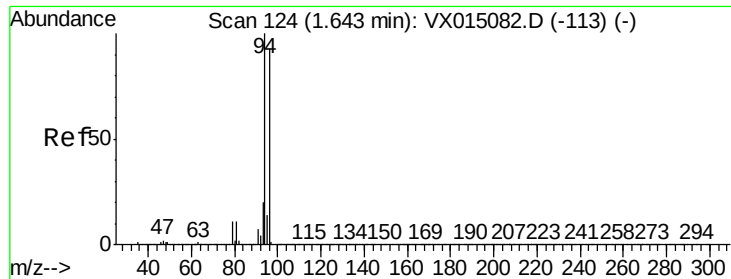
Tgt Ion: 62 Resp: 234980

Ion Ratio Lower Upper

62 100

64 33.0 26.1 39.1





#5

Bromomethane

Concen: 48.536 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 144774

Ion Ratio Lower Upper

94 100

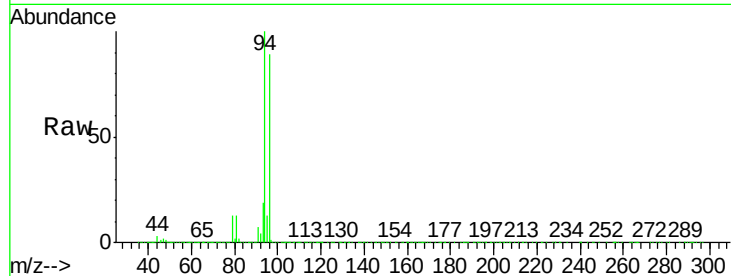
96 89.3 74.6 111.8

Manual Integrations

APPROVED

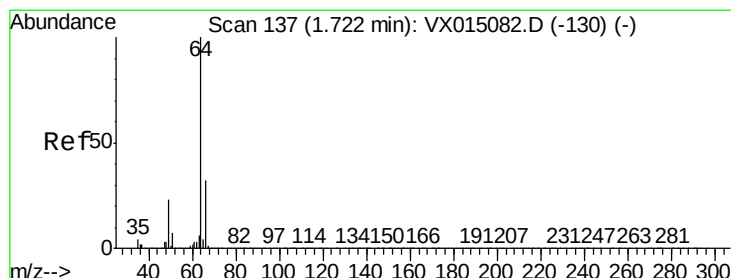
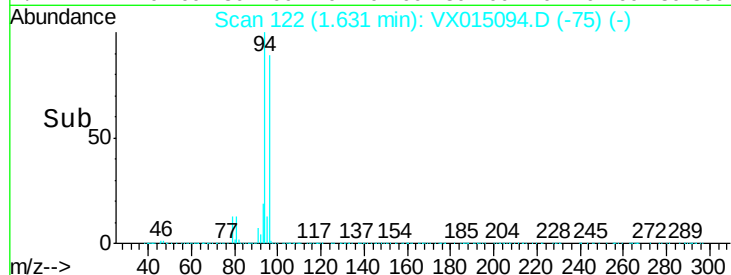
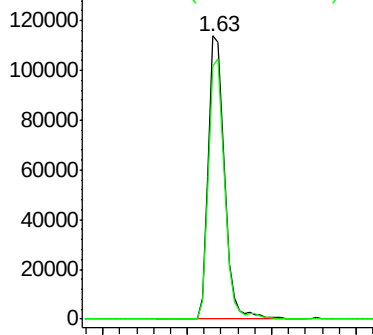
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3/5/2020 12:32:12 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.936 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015094.D

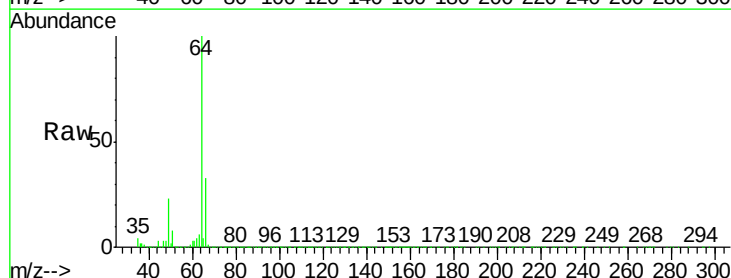
Acq: 04 Mar 2020 17:50

Tgt Ion: 64 Resp: 145334

Ion Ratio Lower Upper

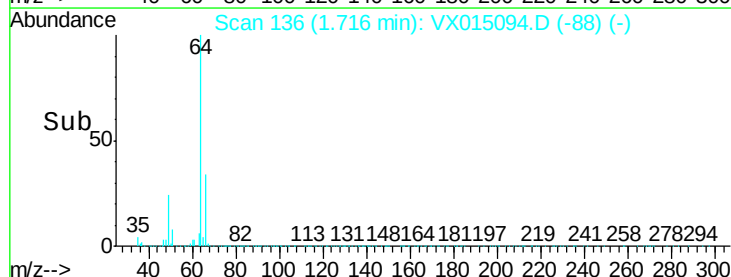
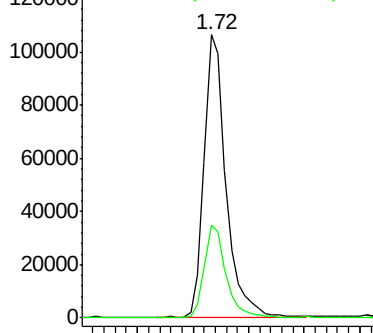
64 100

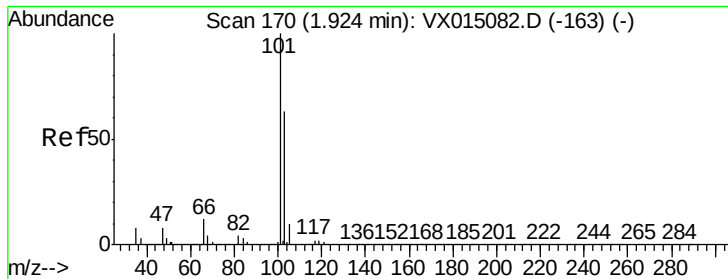
66 32.6 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

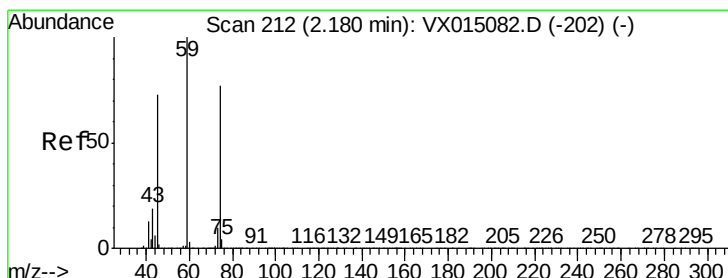
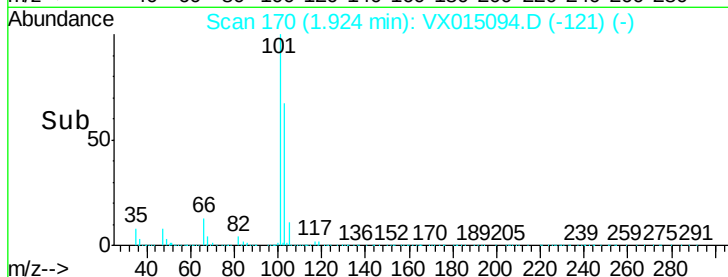
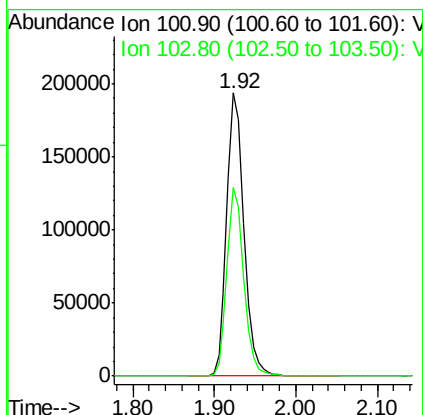
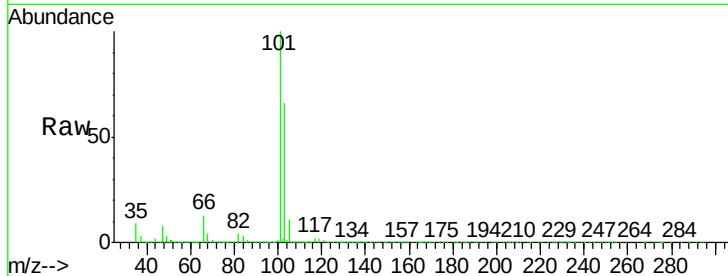
Trichlorofluoromethane
Concen: 48.931 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	50.4	75.6

Manual Integrations
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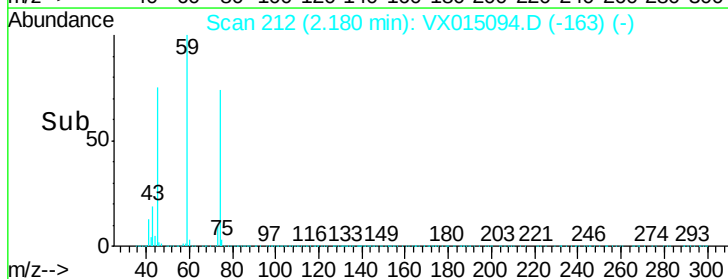
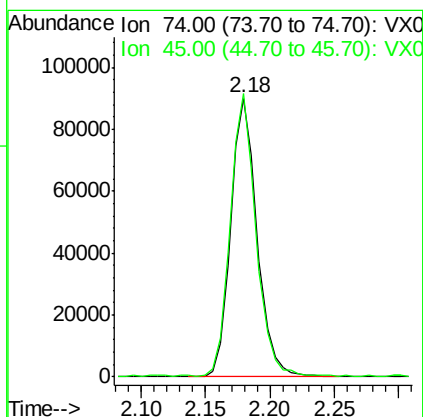
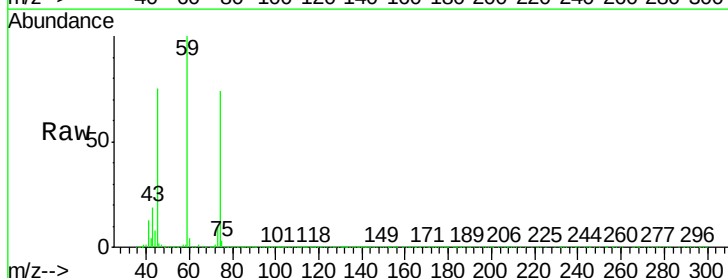
MMDadoda
3/5/2020 12:32:12 PM

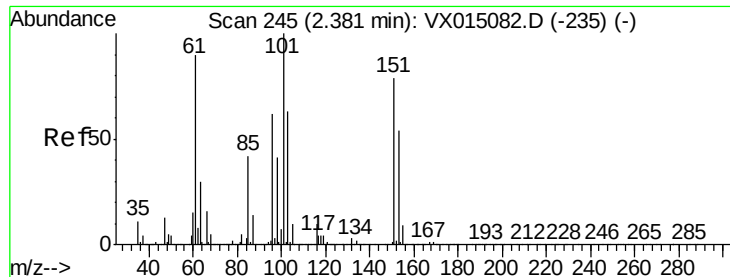


#8

Diethyl Ether
Concen: 48.836 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.2	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.723 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

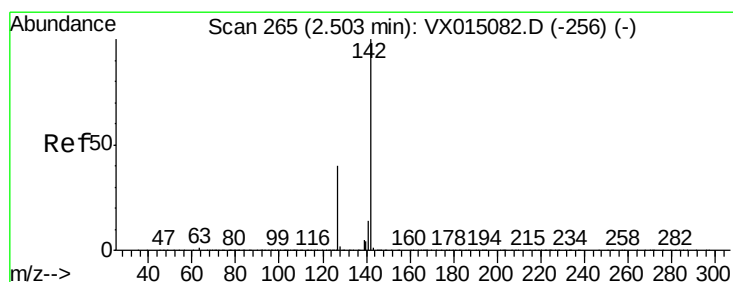
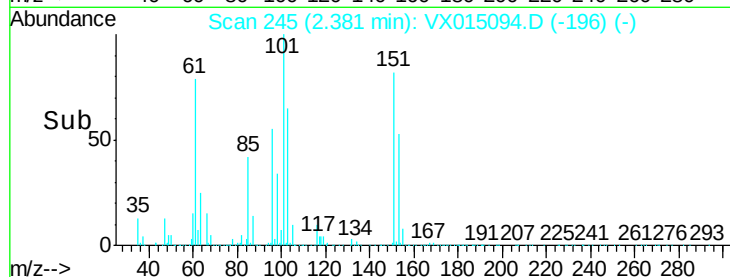
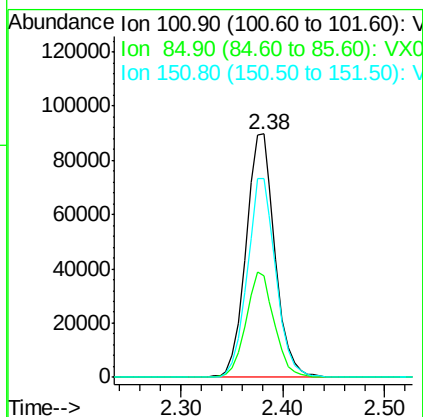
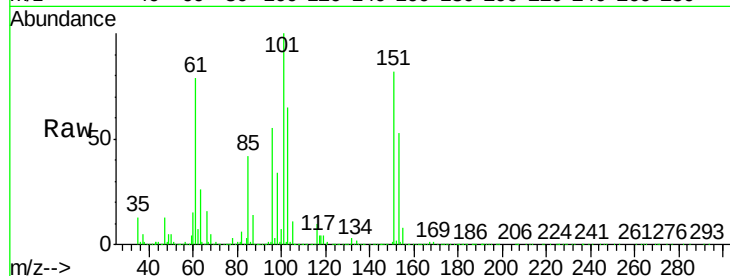
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	176968
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.7	50.5
151	80.9	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 48.220 ug/l

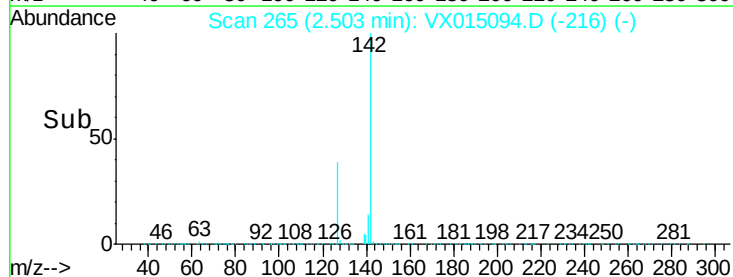
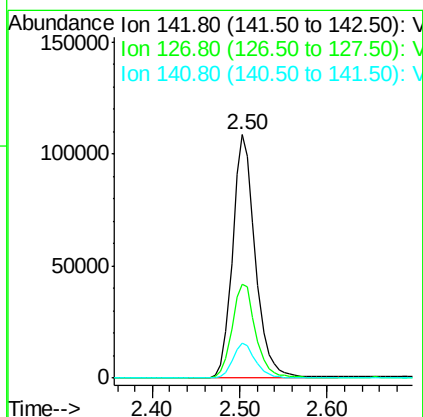
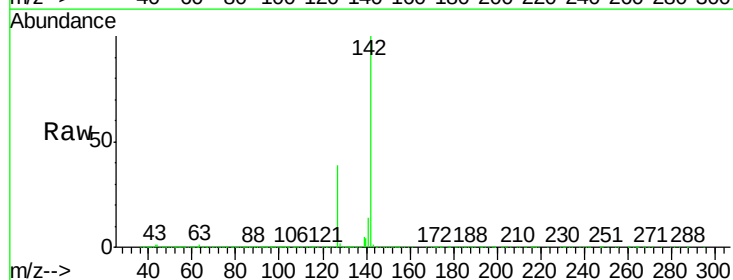
RT: 2.50 min Scan# 265

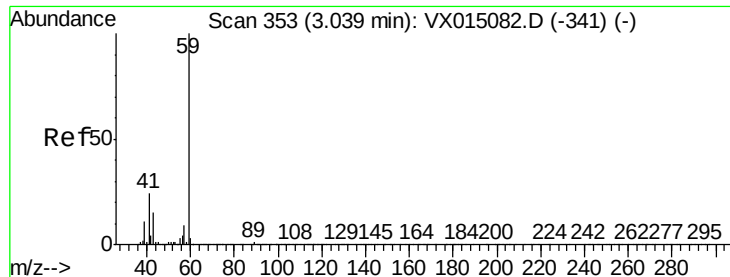
Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion:	142	Resp:	197873
Ion Ratio	Lower	Upper	
142	100		
127	39.6	31.7	47.5
141	14.5	11.3	16.9





#11

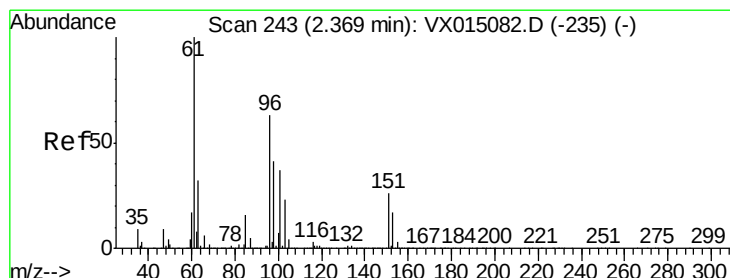
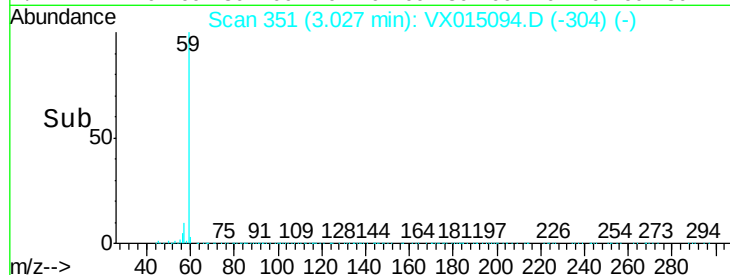
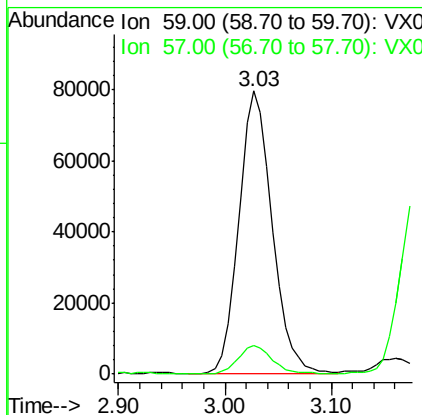
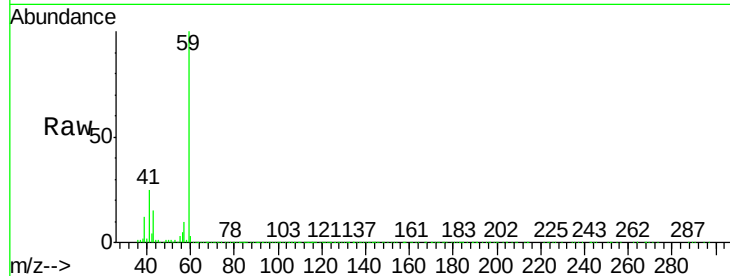
Tert butyl alcohol
Concen: 219.723 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.4

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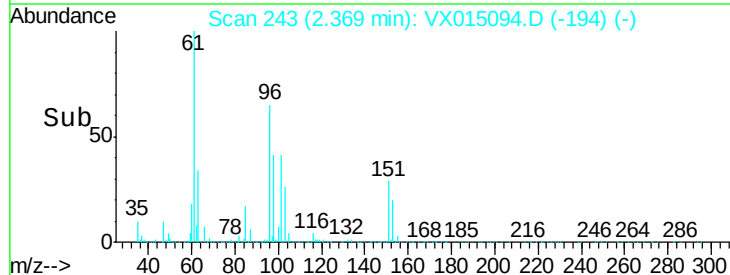
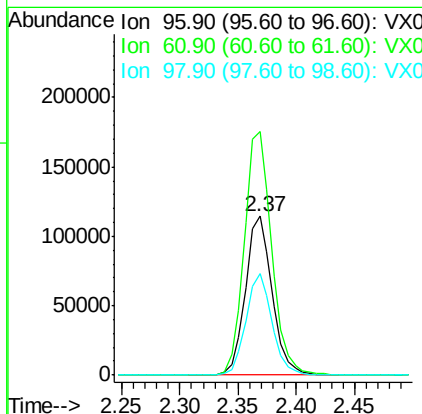
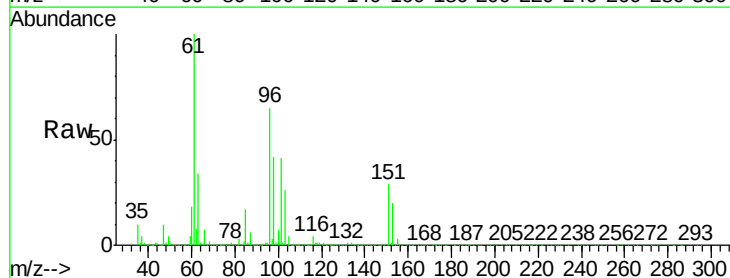
MMDadoda
3/5/2020 12:32:12 PM

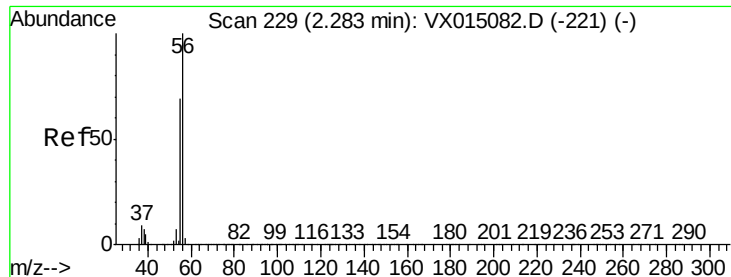


#12

1,1-Dichloroethene
Concen: 48.696 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.4	126.2	189.4
98	63.7	51.4	77.0





#13

Acrolein

Concen: 223.628 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 166862

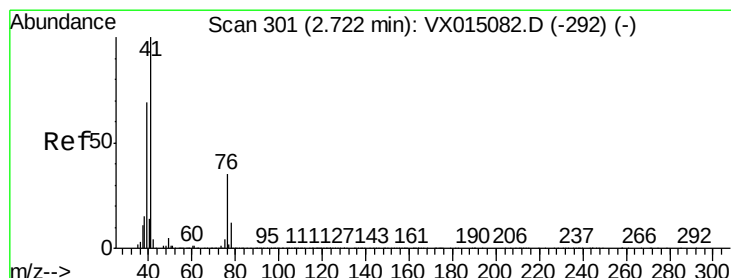
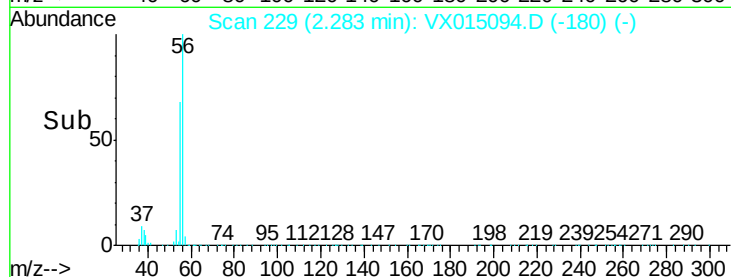
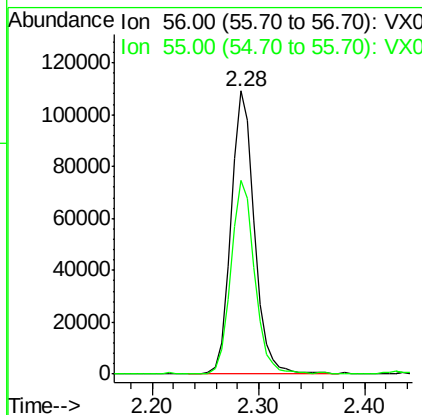
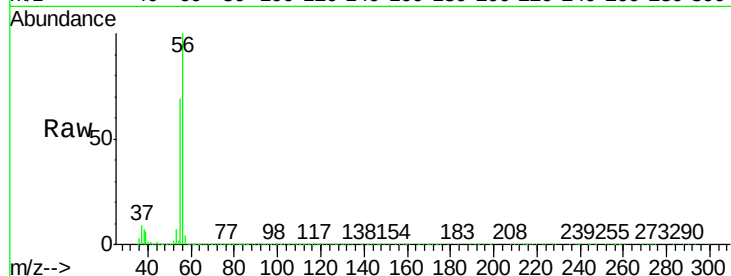
Ion Ratio Lower Upper

56 100

55 69.5 55.4 83.0

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#14

Allyl chloride

Concen: 48.513 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

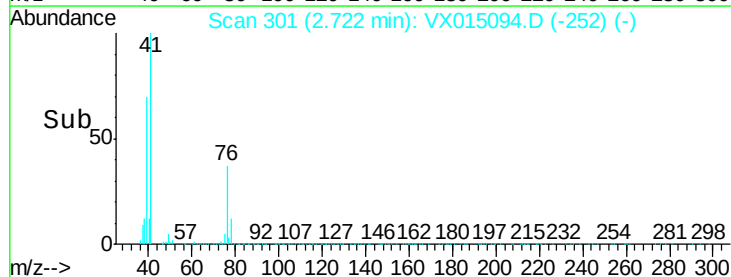
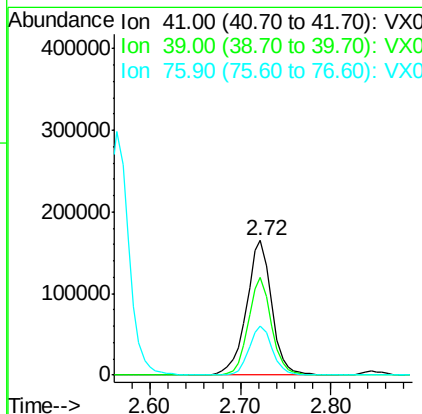
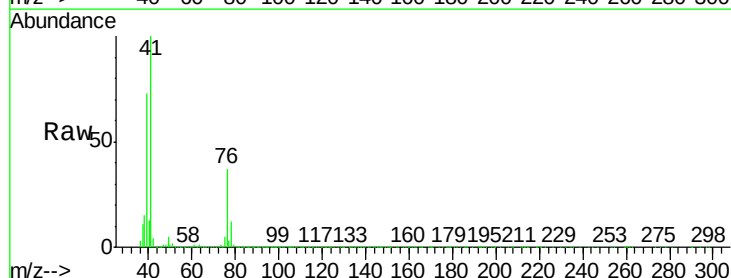
Tgt Ion: 41 Resp: 317084

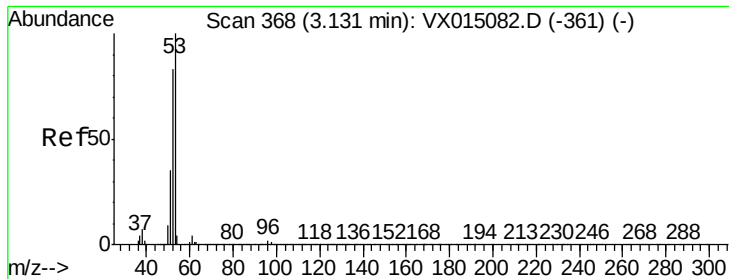
Ion Ratio Lower Upper

41 100

39 66.5 52.9 79.3

76 33.3 26.8 40.2





#15

Acrylonitrile

Concen: 250.066 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

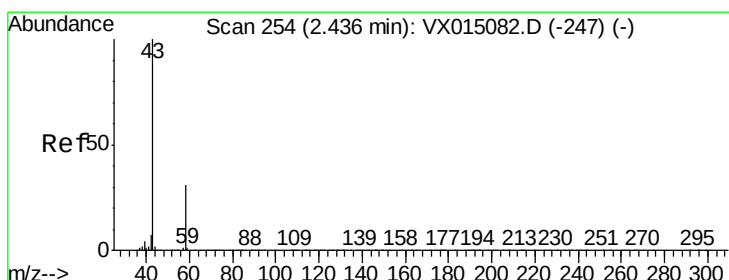
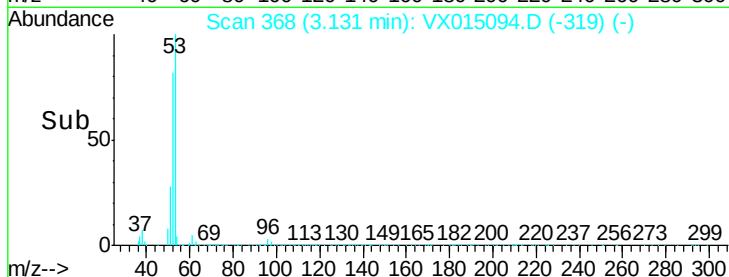
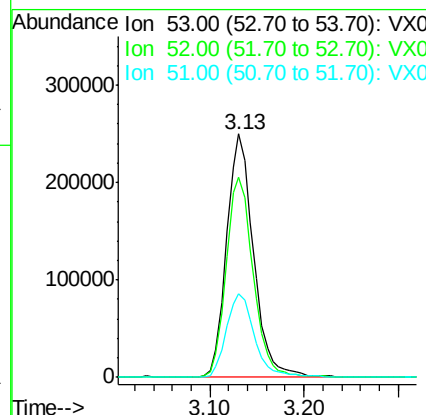
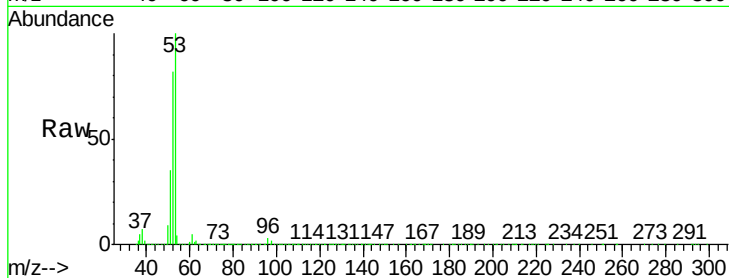
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	494467
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.6	100.0
51	36.0	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 216.258 ug/l

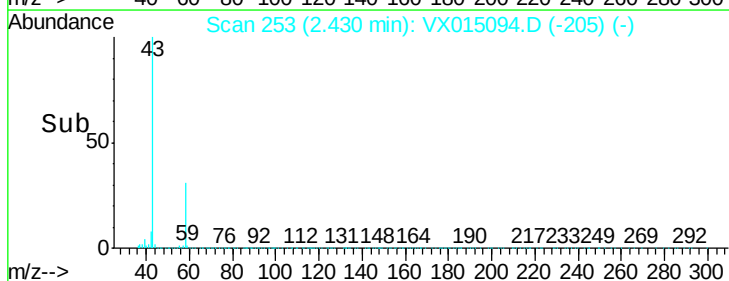
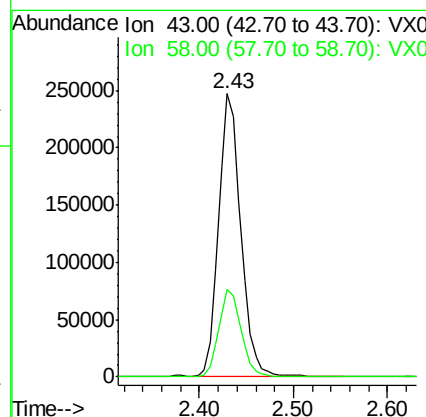
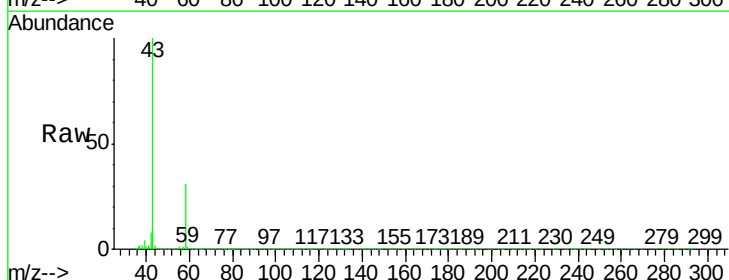
RT: 2.43 min Scan# 253

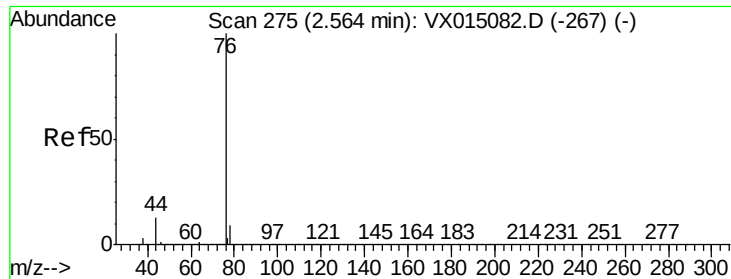
Delta R.T. -0.01 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion:	43	Resp:	400796
Ion Ratio	Lower	Upper	
43	100		
58	30.8	24.8	37.2





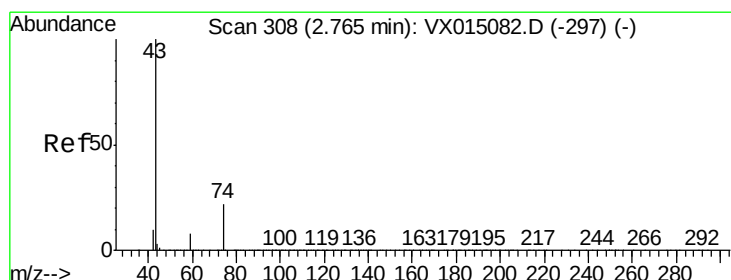
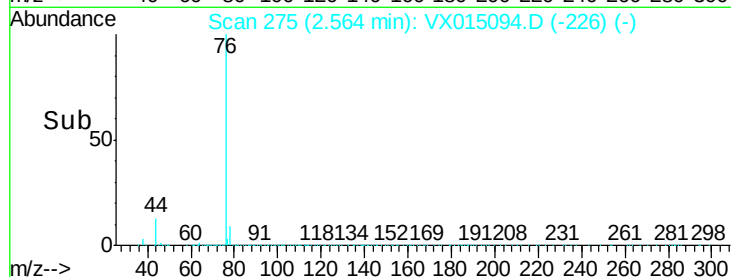
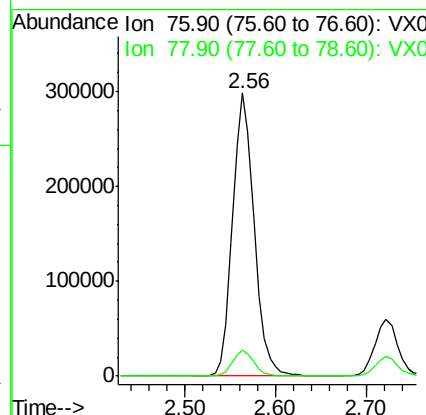
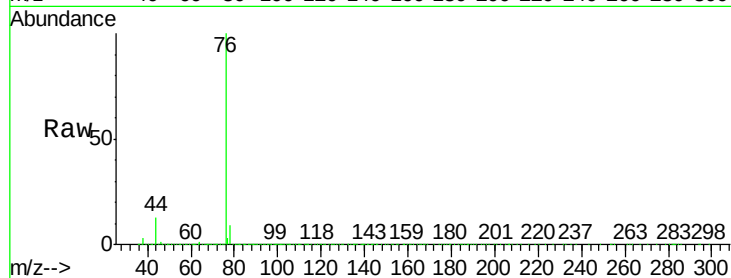
#17
Carbon Disulfide
Concen: 47.259 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

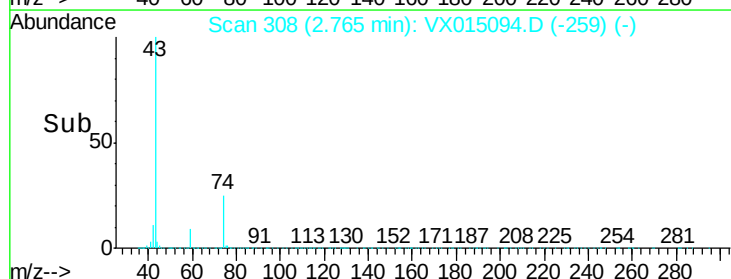
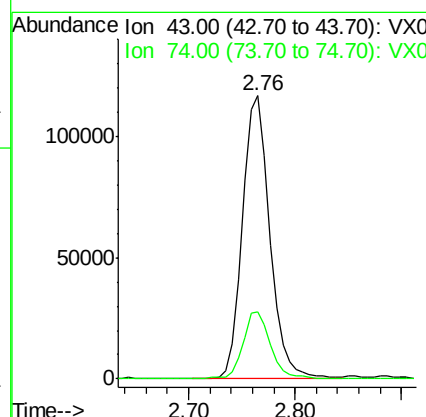
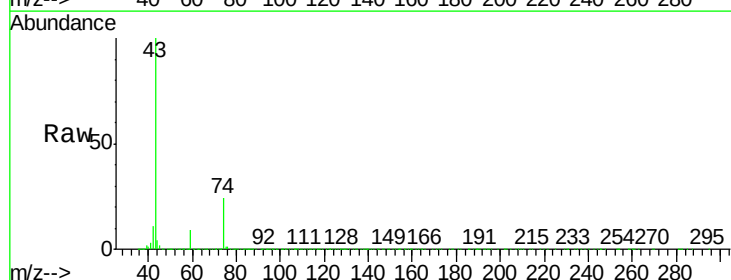
Manual Integrations
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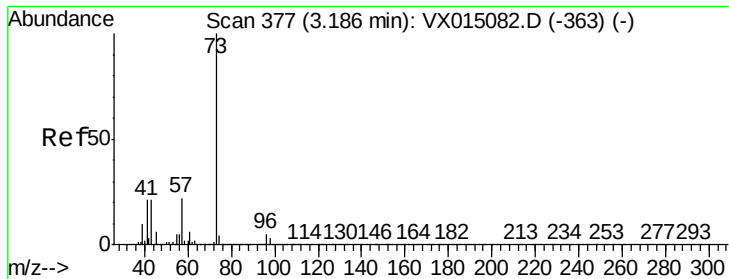
MMDadoda
3/5/2020 12:32:12 PM



#18
Methyl Acetate
Concen: 46.542 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.8	28.2





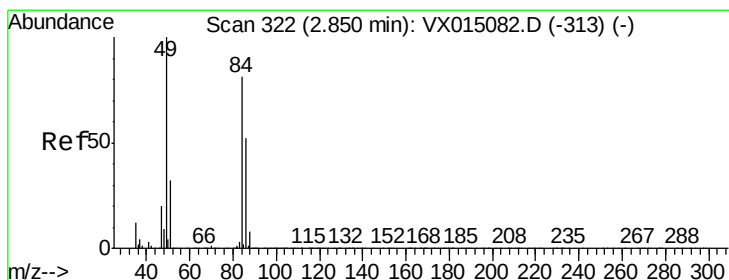
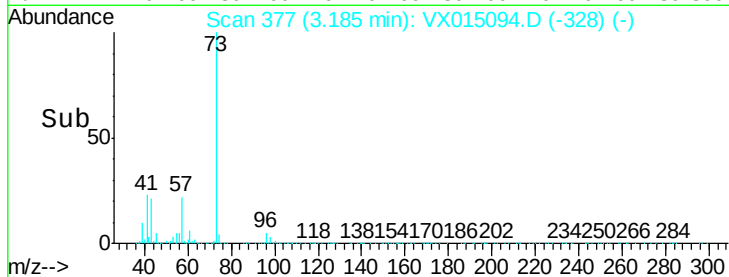
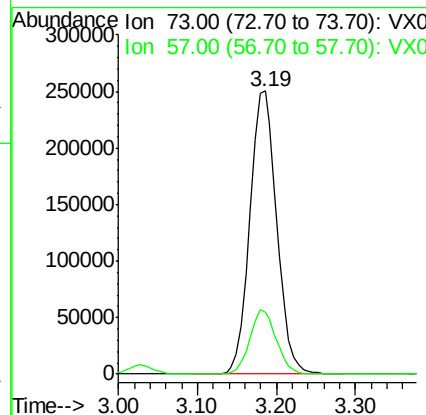
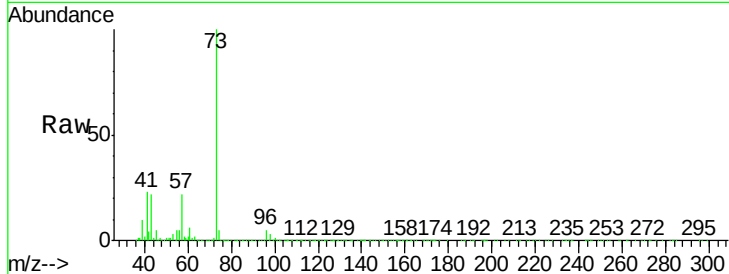
#19
Methyl tert-butyl Ether
Concen: 50.529 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.8	26.6

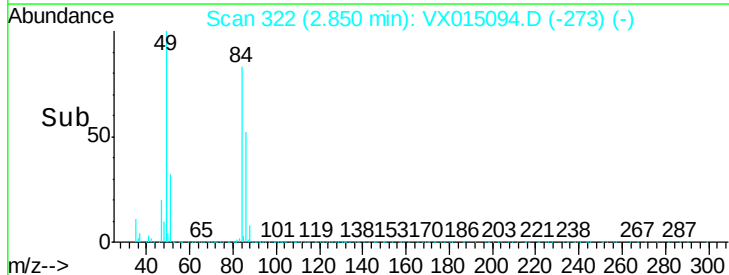
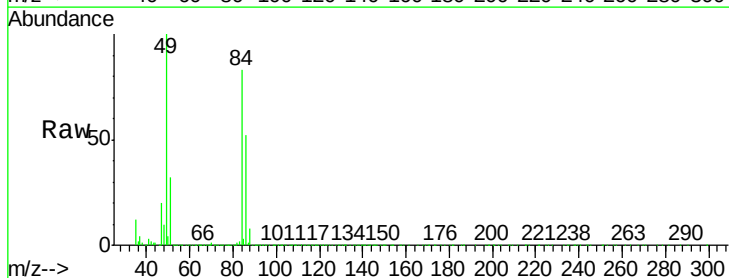
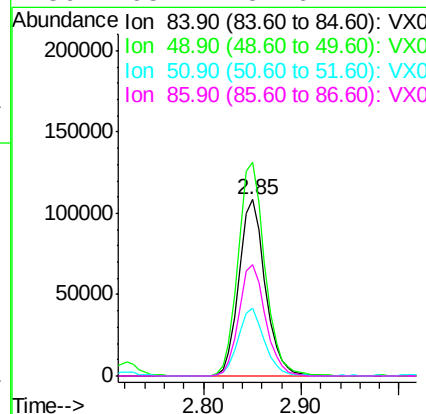
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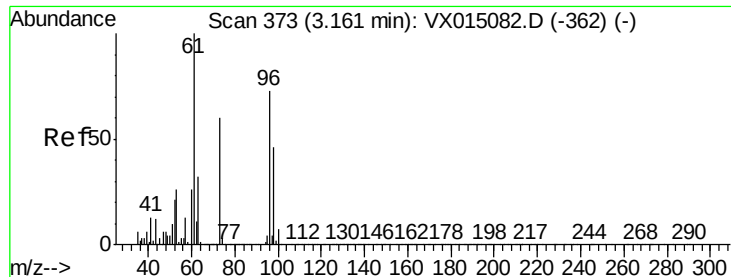
MMDadoda
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#20
Methylene Chloride
Concen: 46.794 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.1	99.4	149.2
51	38.2	31.5	47.3
86	63.1	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 48.304 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

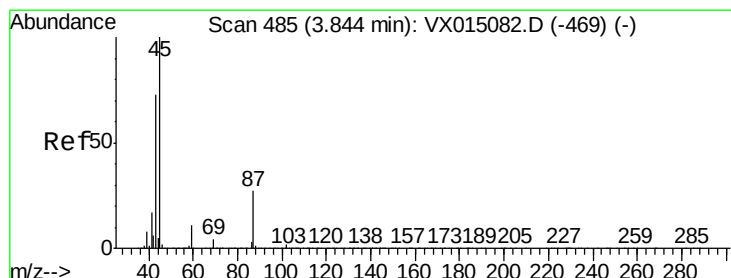
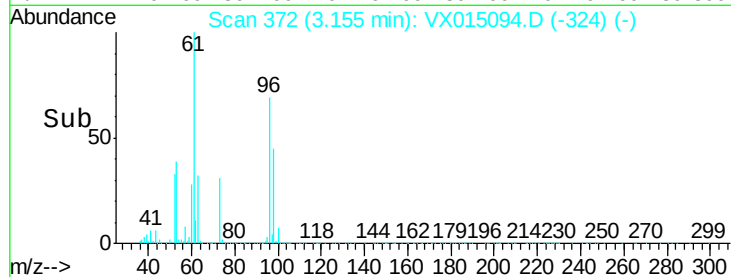
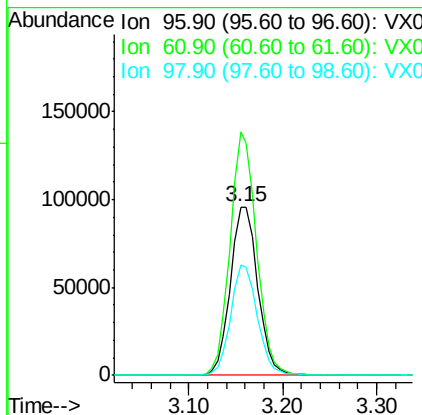
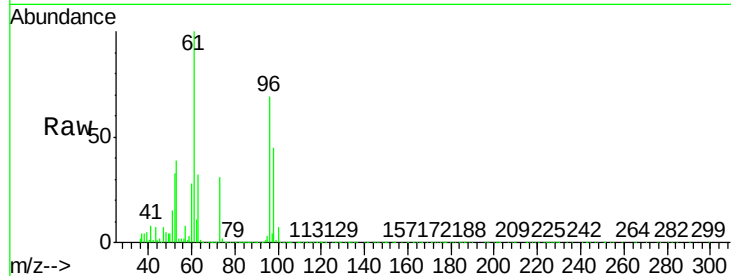
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	193339
Ion Ratio	Lower	Upper	
96	100		
61	144.3	109.9	164.9
98	65.5	50.2	75.2

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#22

Diisopropyl ether

Concen: 50.593 ug/l

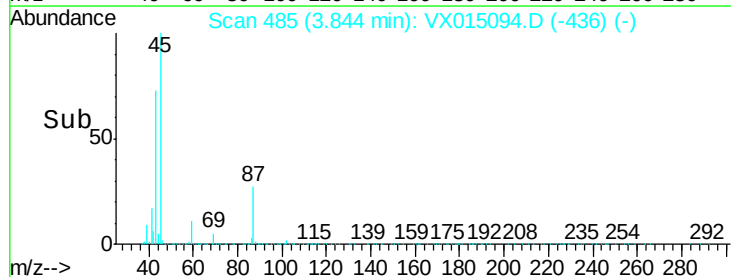
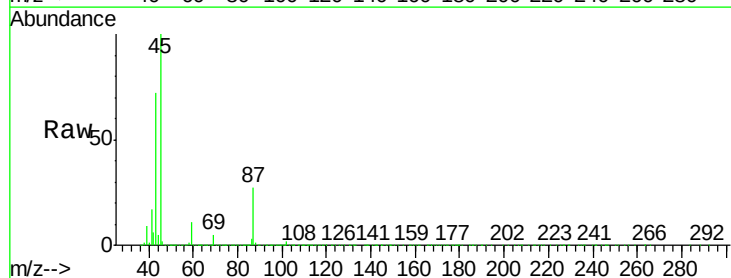
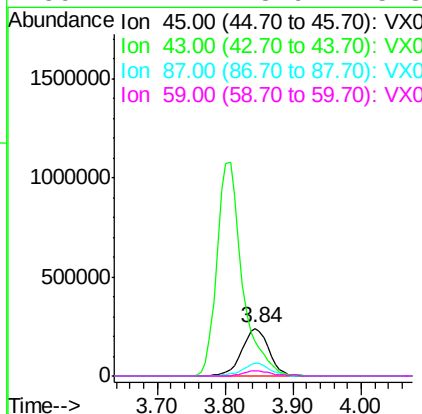
RT: 3.84 min Scan# 485

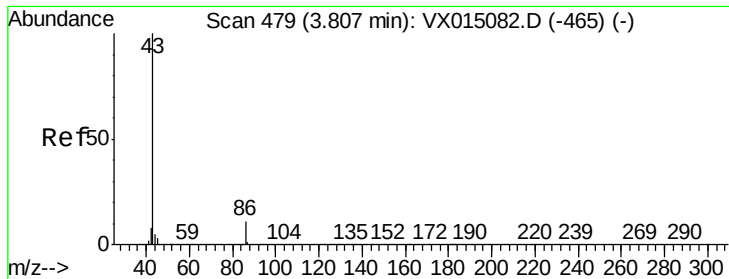
Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion:	45	Resp:	658825
Ion Ratio	Lower	Upper	
45	100		
43	72.3	58.2	87.2
87	26.7	21.2	31.8
59	11.4	8.9	13.3





#23

Vinyl Acetate

Concen: 261.285 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2796880

Ion Ratio Lower Upper

43 100

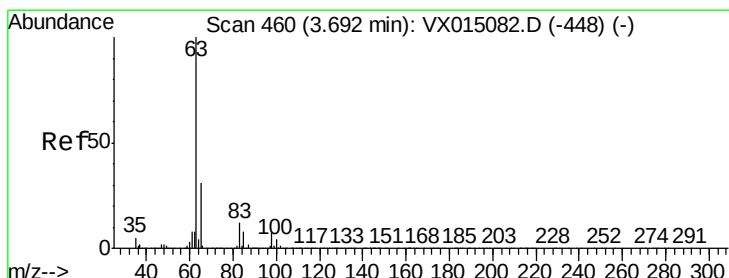
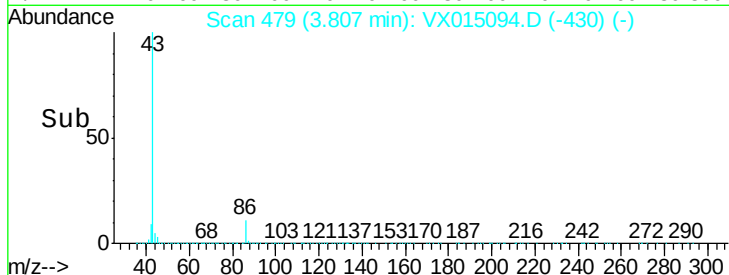
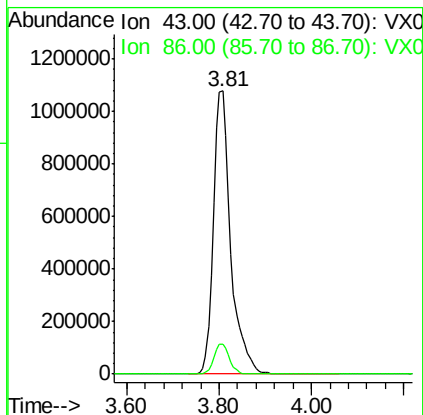
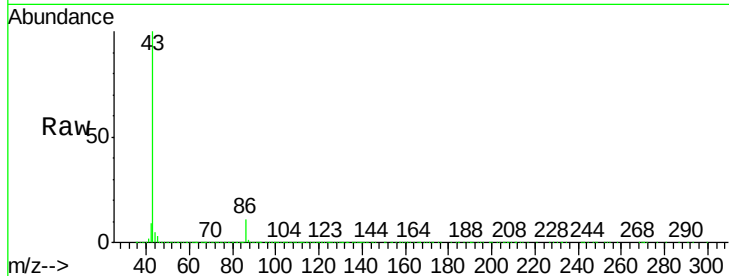
86 10.6 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.089 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

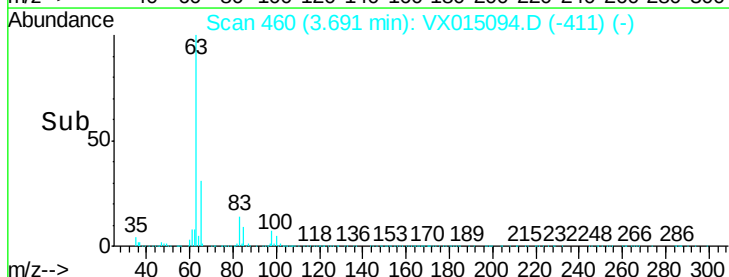
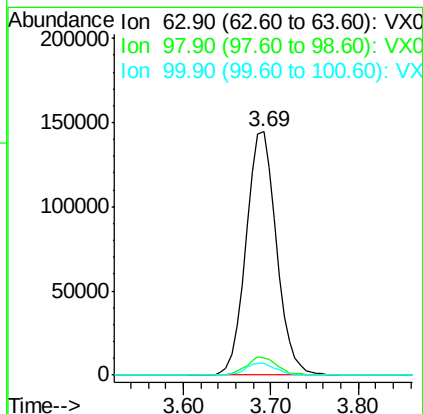
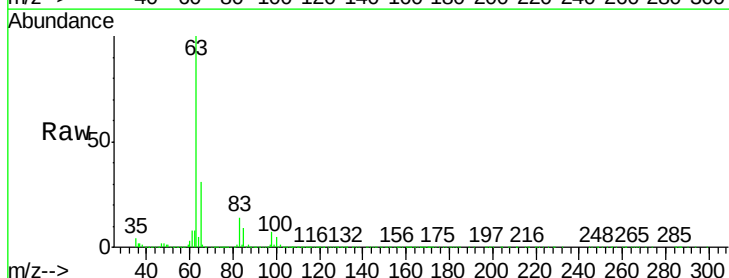
Tgt Ion: 63 Resp: 347553

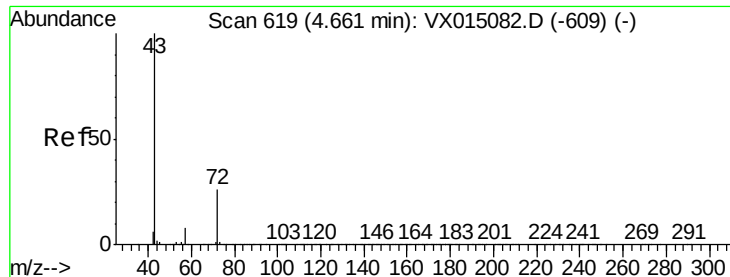
Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

100 5.1 2.1 6.5





#25

2-Butanone

Concen: 242.412 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015094.D

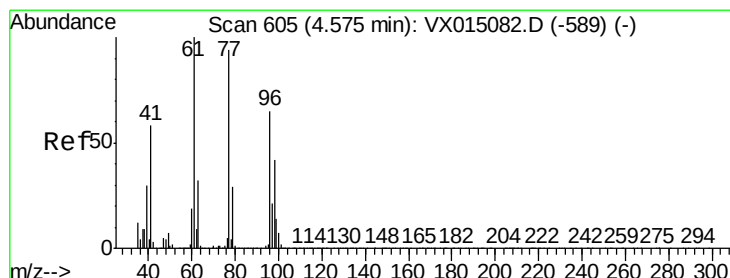
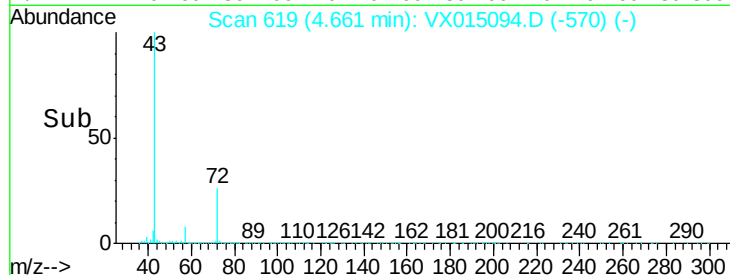
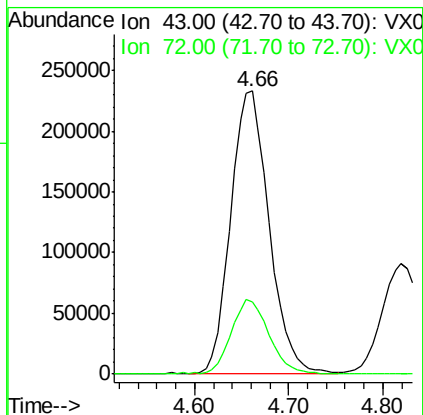
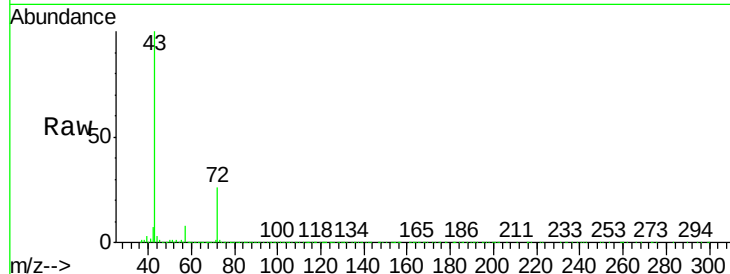
Acq: 04 Mar 2020 17:50

Tot Ion:	43	Resp:	657727
Ion Ratio		Lower	Upper
43	100		
72	25.5	20.6	30.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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MMDadoda
3/5/2020 12:32:12 PM



#26

2,2-Dichloropropane

Concen: 46.413 ug/l

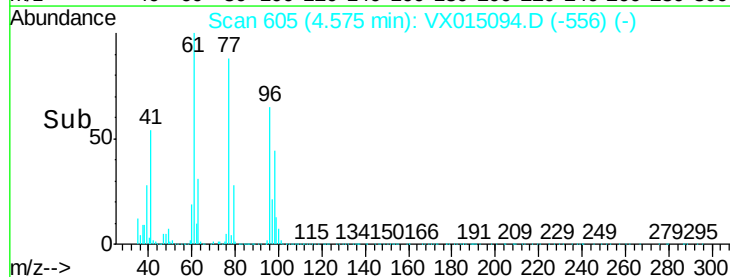
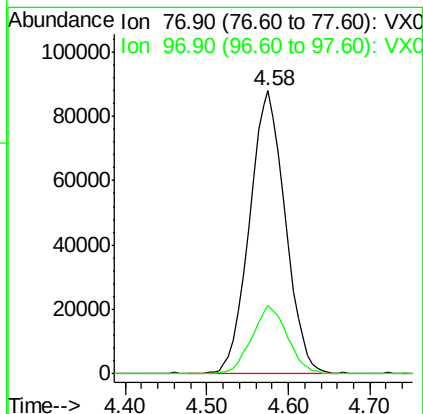
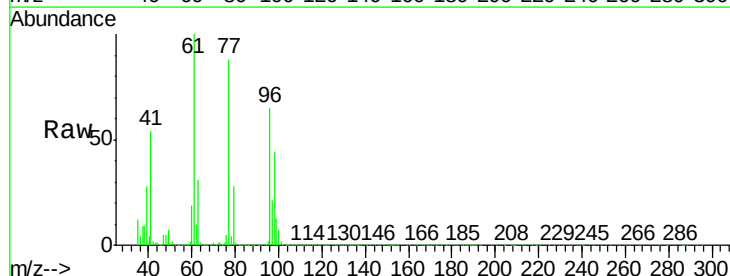
RT: 4.58 min Scan# 605

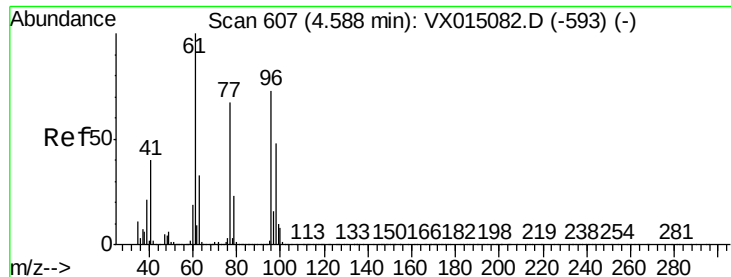
Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion:	77	Resp:	266291
Ion Ratio		Lower	Upper
77	100		
97	23.8	11.8	35.4





#27

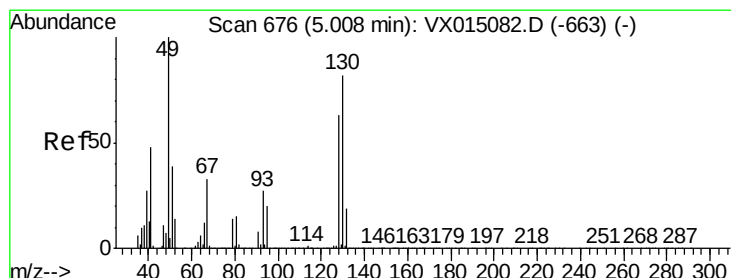
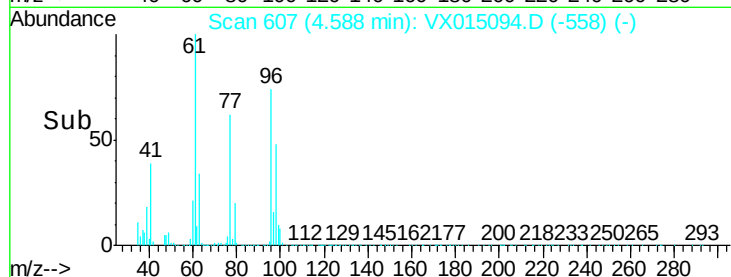
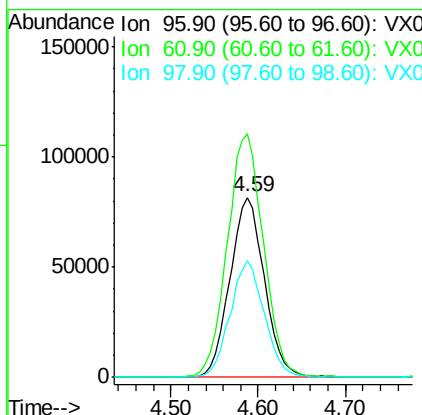
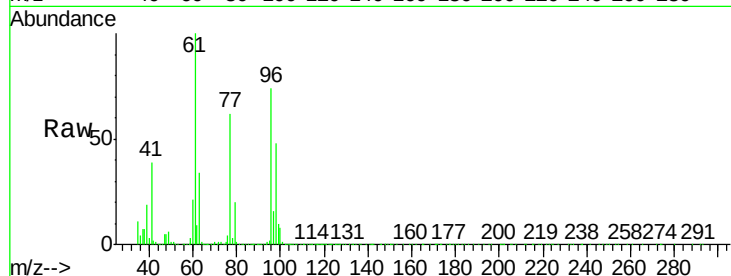
cis-1,2-Dichloroethene
Concen: 49.543 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	286.8
98	64.6	0.0	128.4

Manual Integrations
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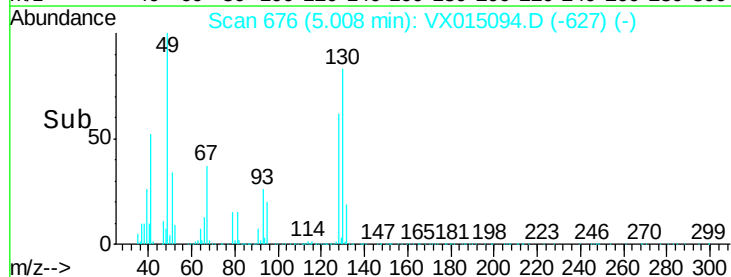
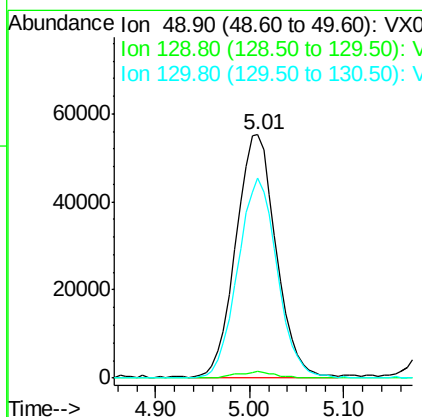
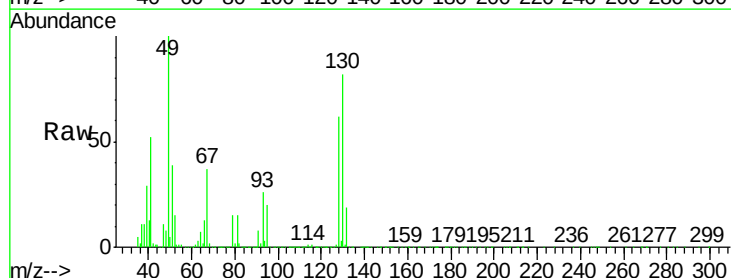
MMDadoda
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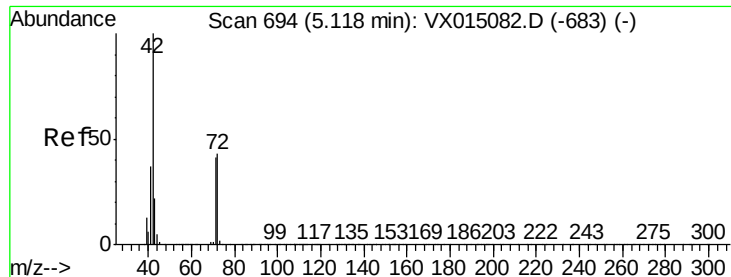


#28

Bromochloromethane
Concen: 49.734 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	81.3	65.0	97.6





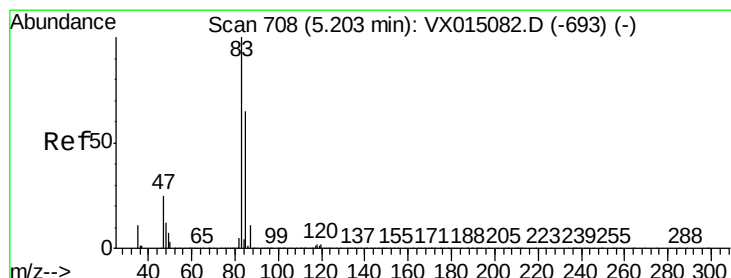
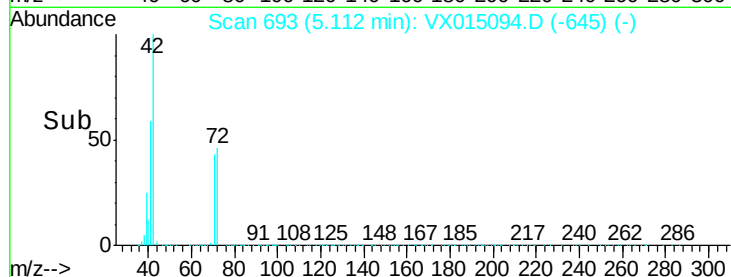
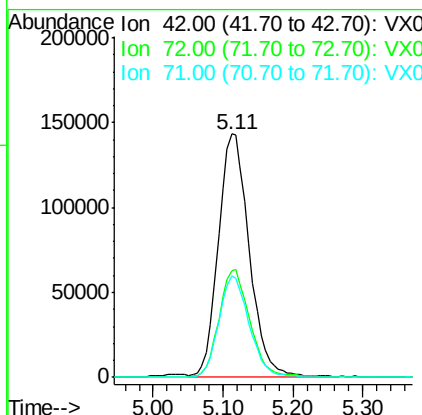
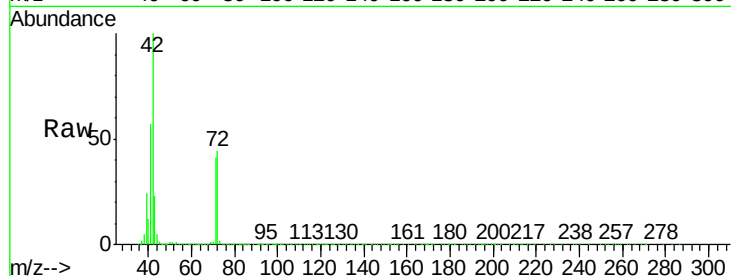
#29
Tetrahydrofuran
Concen: 249.043 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	36.4	54.6
71	41.0	33.3	49.9

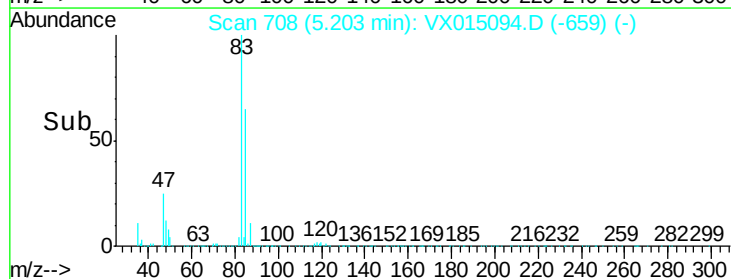
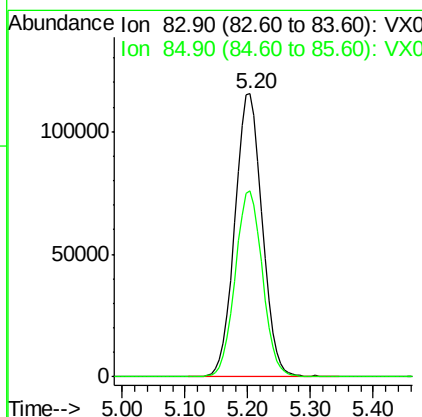
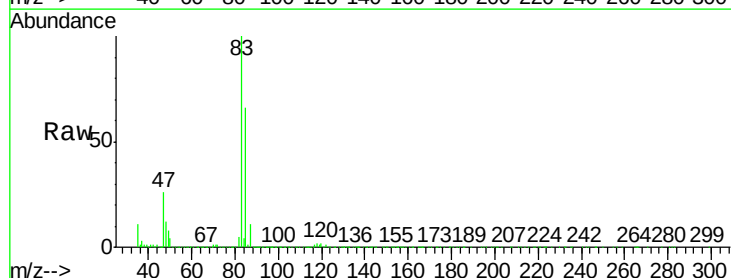
Manual Integrations
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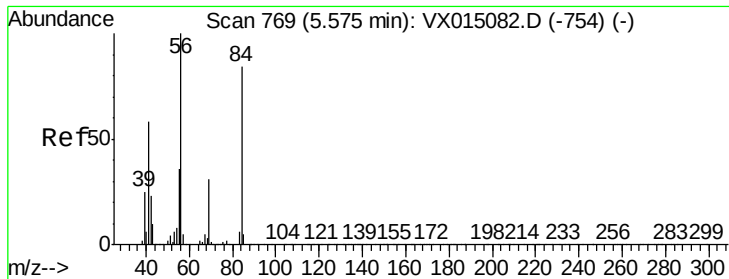
MMDadoda
3/5/2020 12:32:12 PM



#30
Chloroform
Concen: 49.416 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.0	78.0





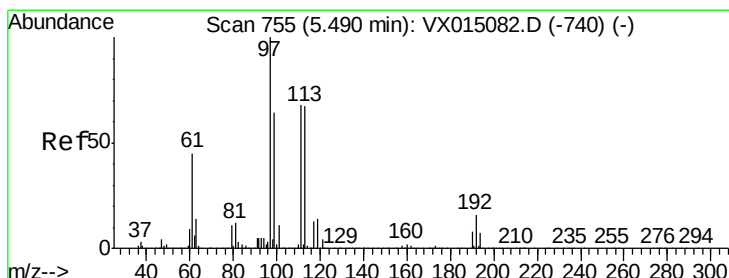
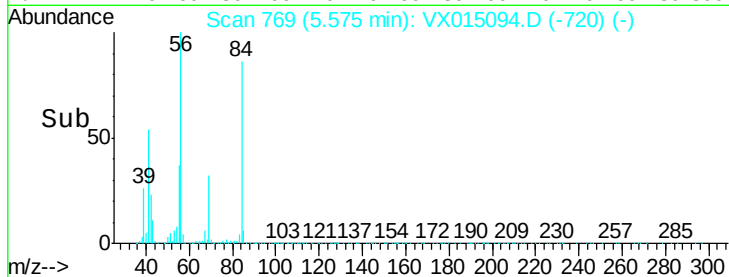
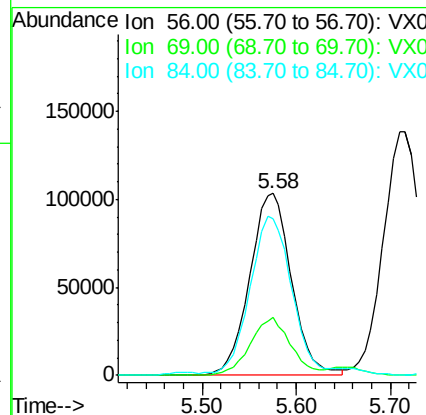
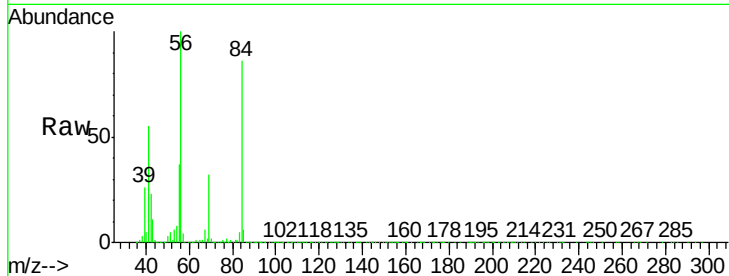
#31
Cyclohexane
Concen: 49.490 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.0	37.6
84	84.9	67.6	101.4

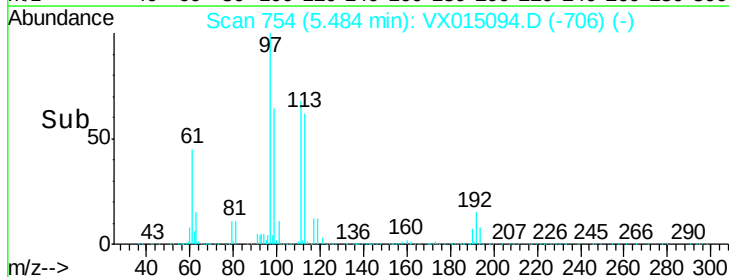
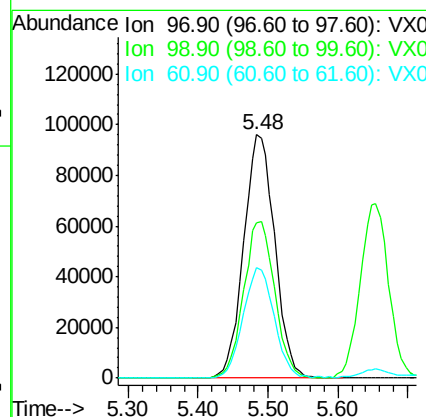
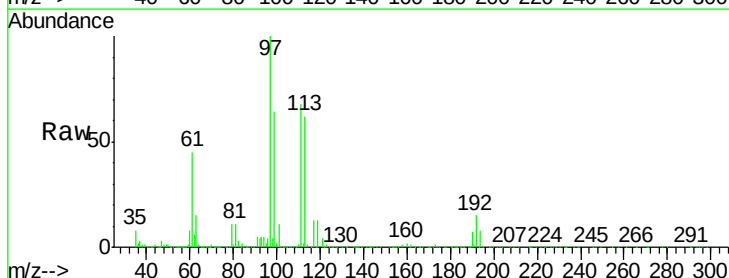
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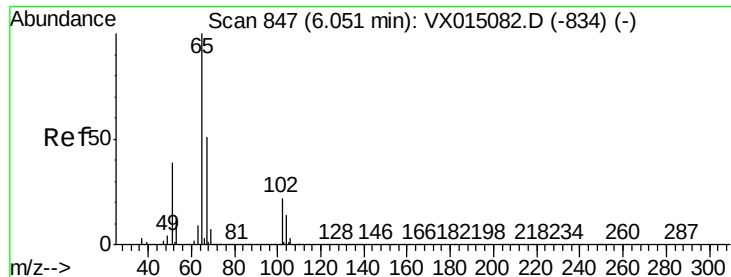
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.813 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.8	79.2
61	45.2	36.6	54.8





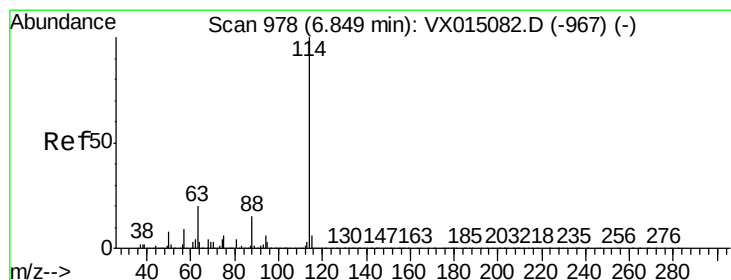
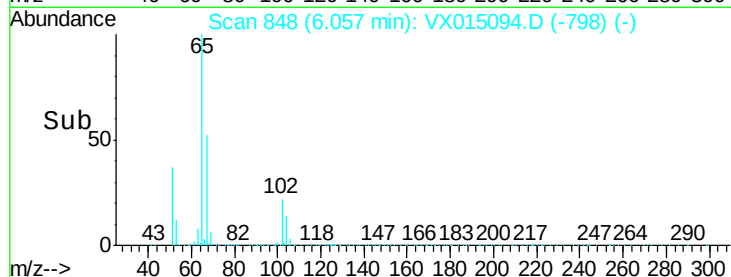
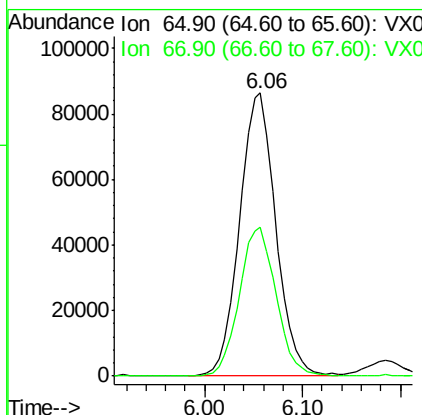
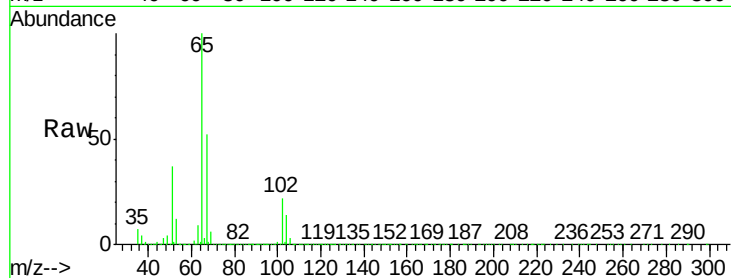
#33
 1,2-Dichloroethane-d4
 Concen: 48.746 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	223079		
67	53.0	0.0	105.6	

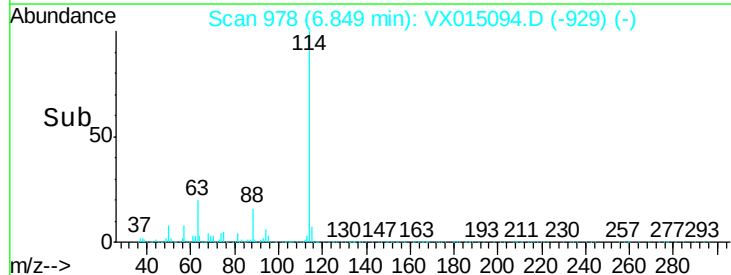
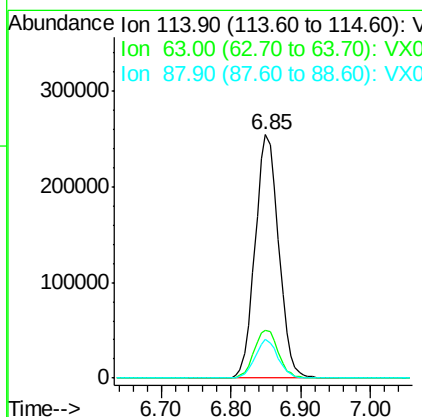
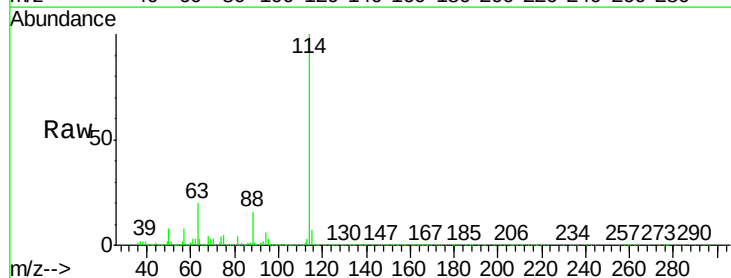
Manual Integrations
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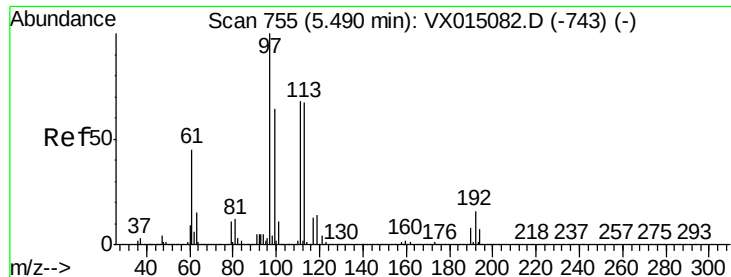
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 3/5/2020 12:32:12 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	596832		
63	19.5	0.0	40.0	
88	15.9	0.0	30.6	





#35

Dibromofluoromethane

Concen: 47.852 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

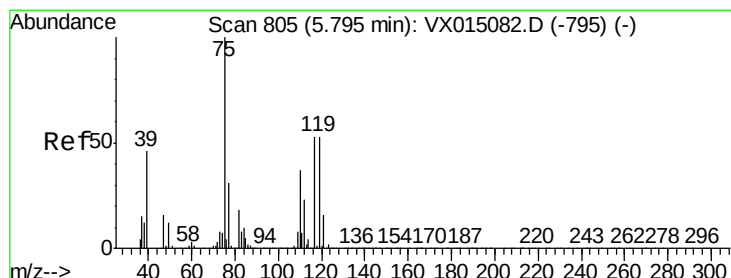
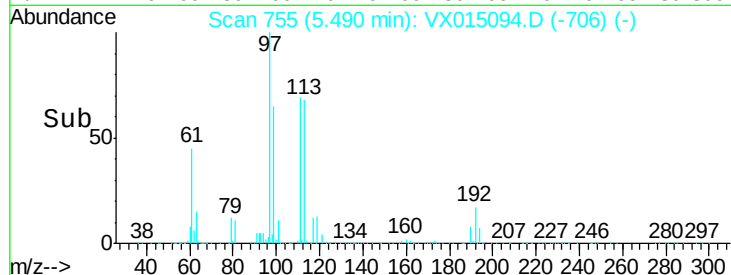
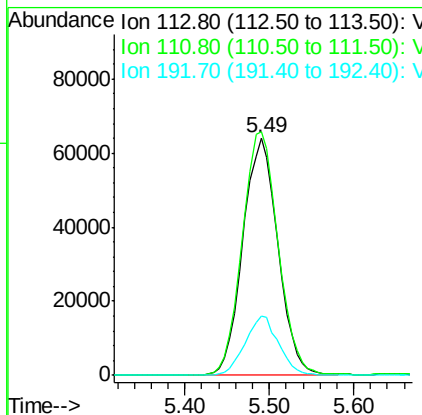
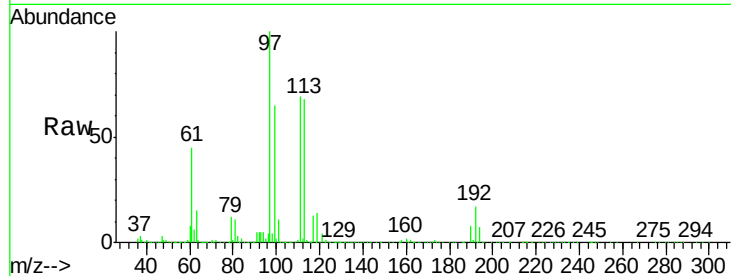
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	180172
Ion Ratio	Lower	Upper	
113	100		
111	105.0	82.6	123.8
192	24.0	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.027 ug/l

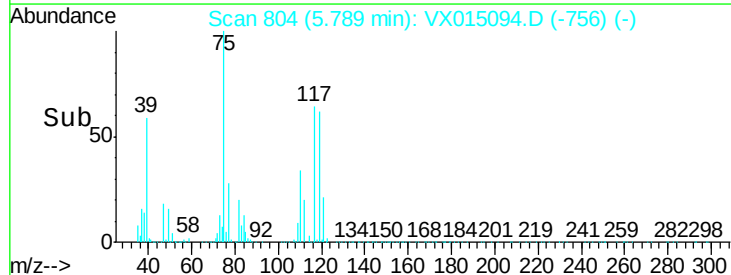
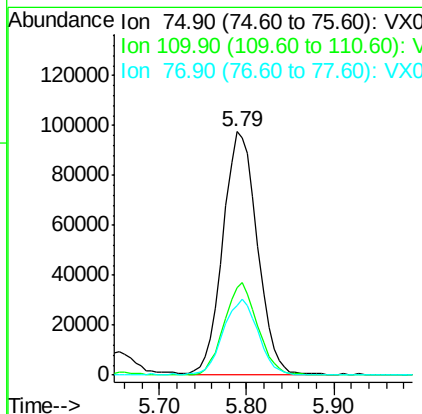
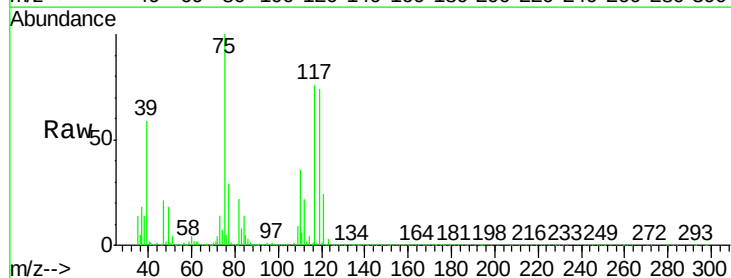
RT: 5.79 min Scan# 804

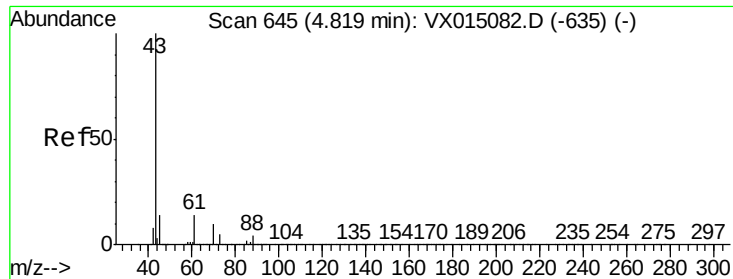
Delta R.T. -0.01 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion:	75	Resp:	264984
Ion Ratio	Lower	Upper	
75	100		
110	36.8	17.9	53.8
77	31.3	24.8	37.2





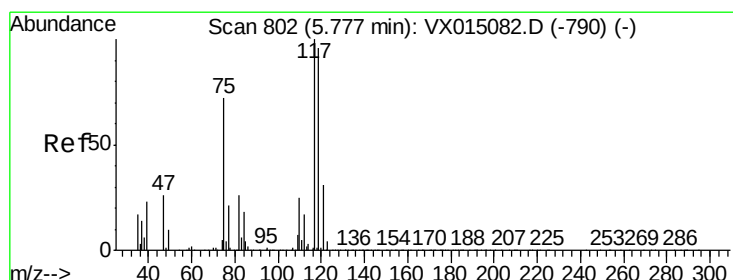
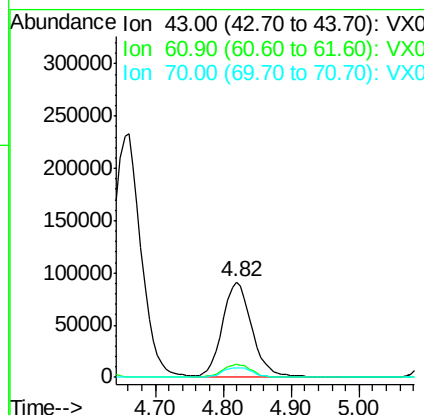
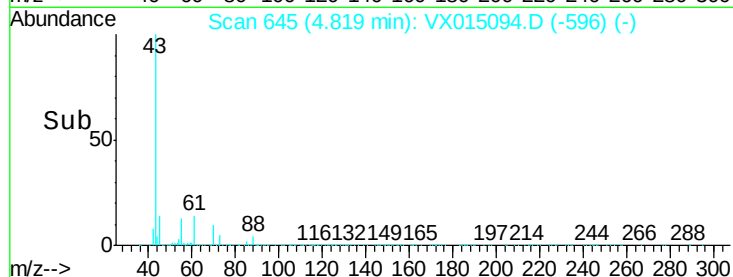
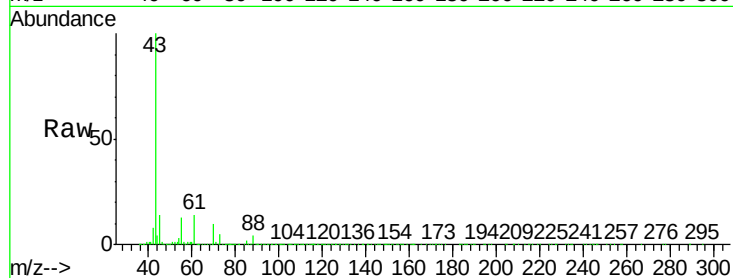
#37
Ethyl Acetate
Concen: 53.211 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	272337
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.5	8.1	12.1

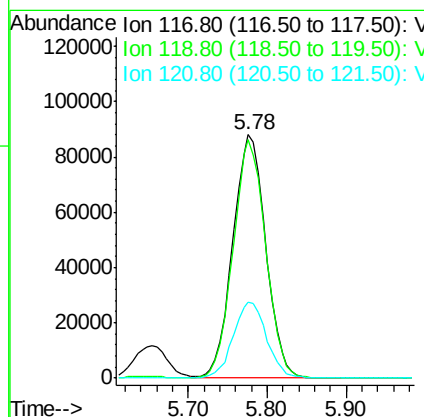
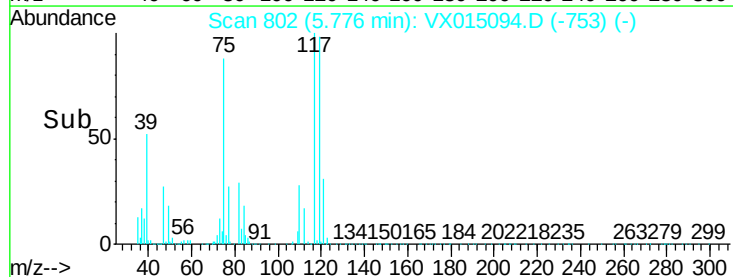
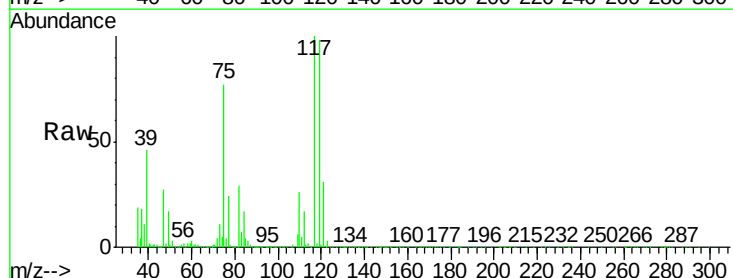
Manual Integrations
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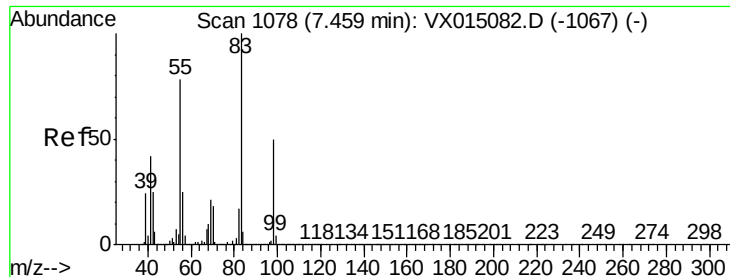
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#38
Carbon Tetrachloride
Concen: 49.055 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion:	117	Resp:	255482
Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.9	115.3
121	30.8	24.6	37.0





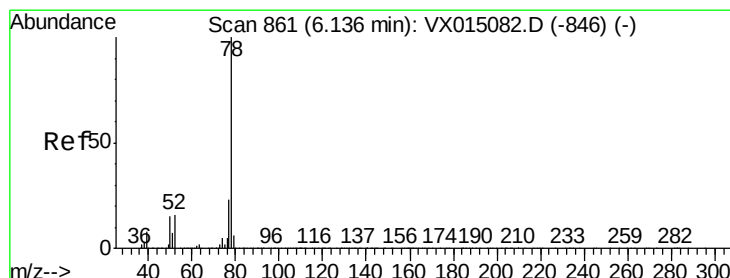
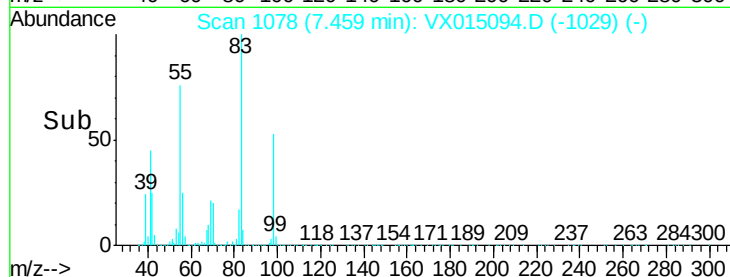
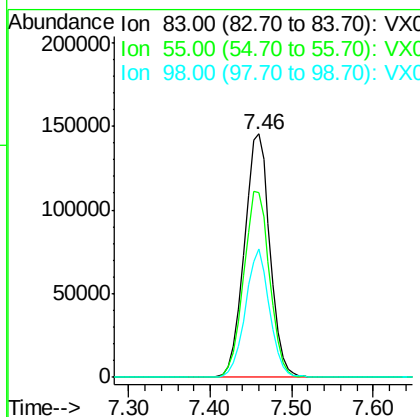
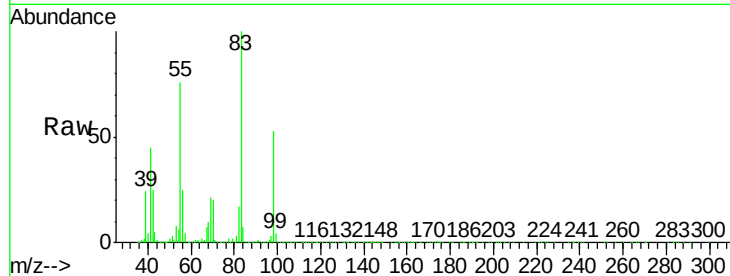
#39
Methylvlcyclohexane
Concen: 49.084 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	316231		
55	75.9	62.4	93.6	
98	52.7	39.7	59.5	

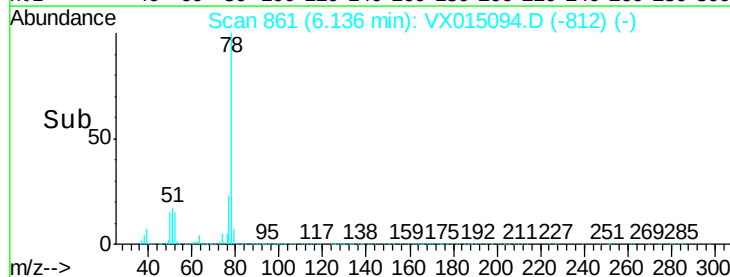
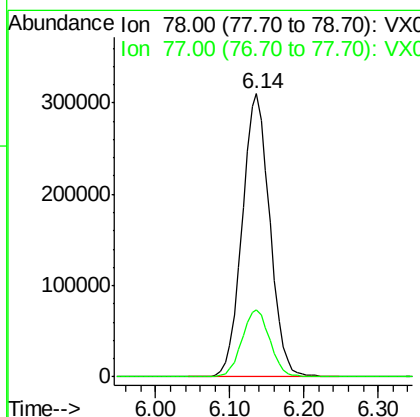
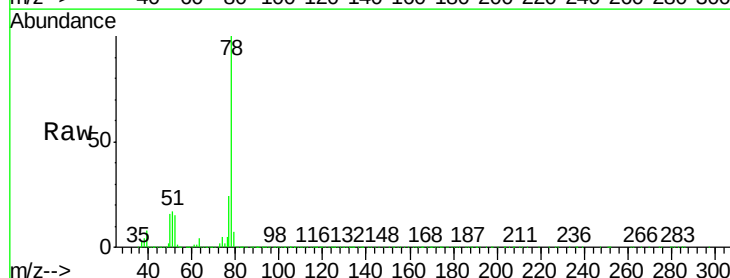
Manual Integrations
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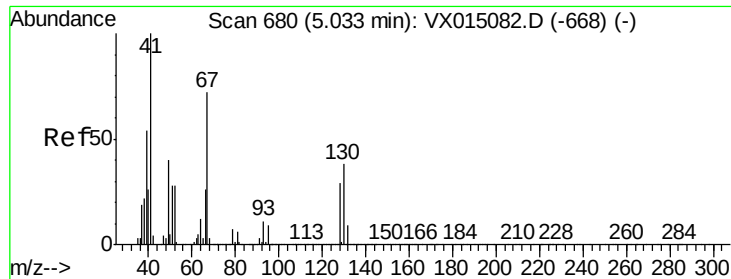
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#40
Benzene
Concen: 49.164 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	804792		
77	23.8	18.6	28.0	





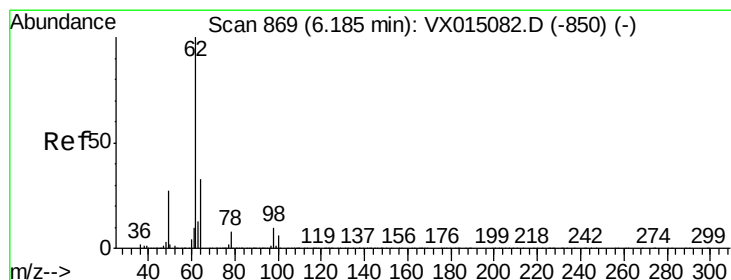
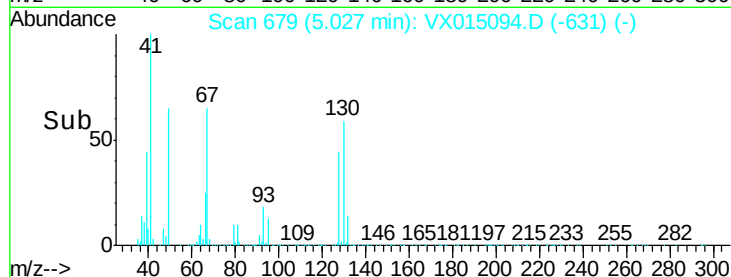
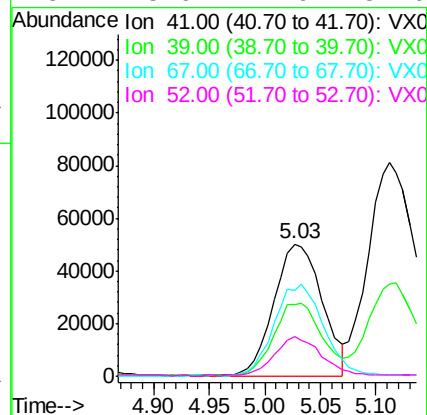
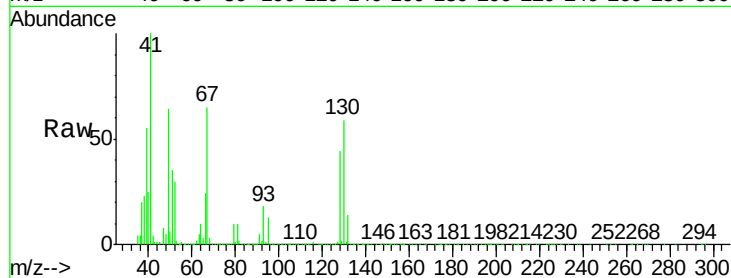
#41
Methacrylonitrile
Concen: 49.144 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	43.9	65.9	
67	71.0	57.8	86.8	
52	28.9	22.6	34.0	

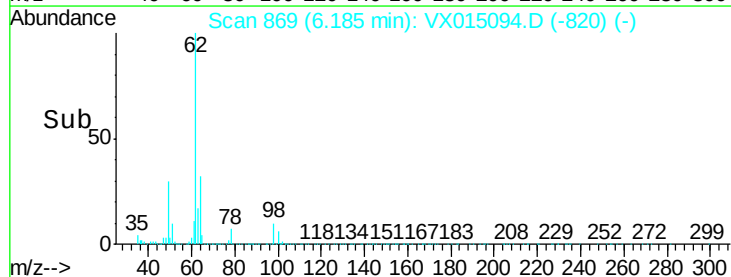
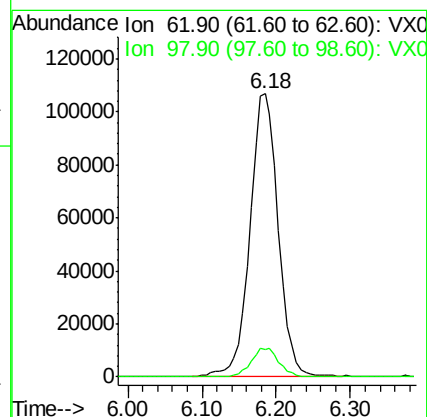
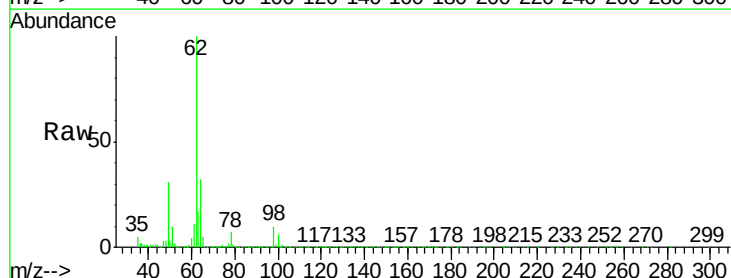
Manual Integrations
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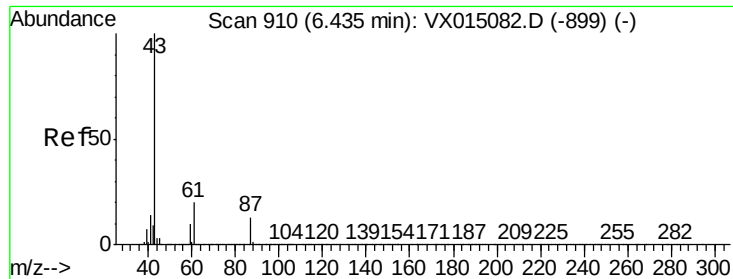
MMDadoda
3/5/2020 12:32:12 PM



#42
1,2-Dichloroethane
Concen: 50.255 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.6	





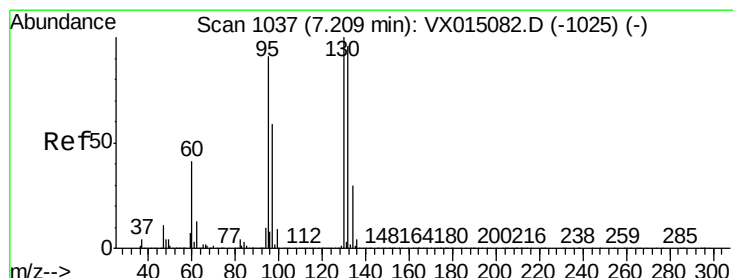
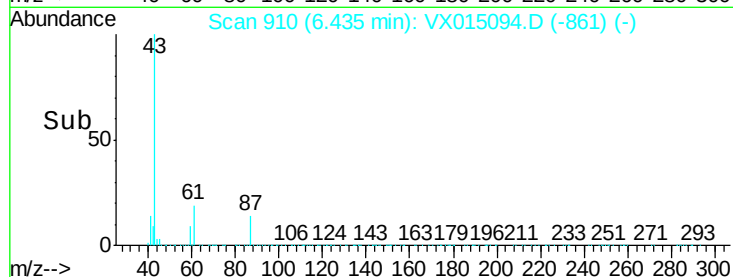
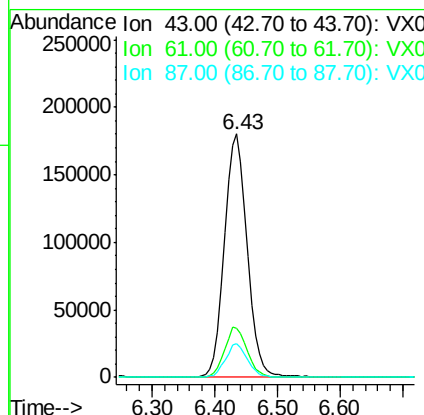
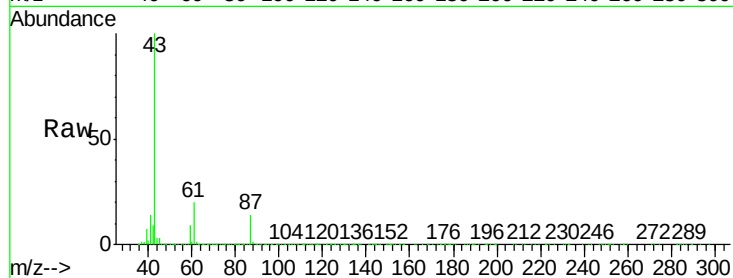
#43
Isopropyl Acetate
Concen: 49.952 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
61	20.3	16.1	24.1	
87	13.3	10.6	16.0	

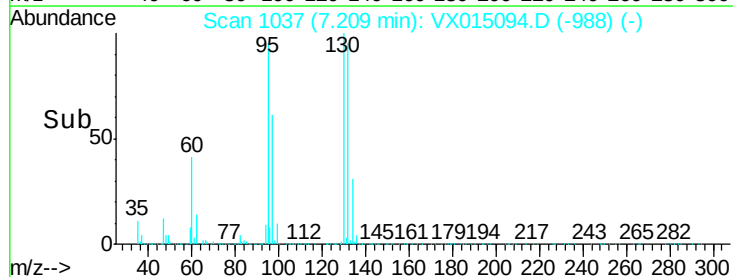
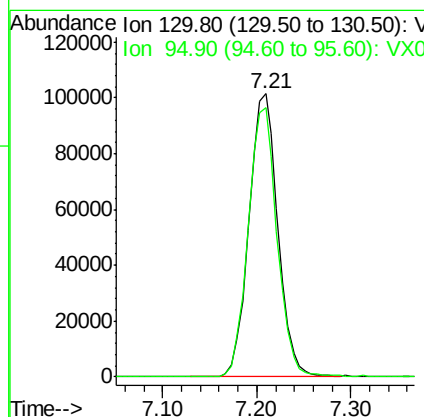
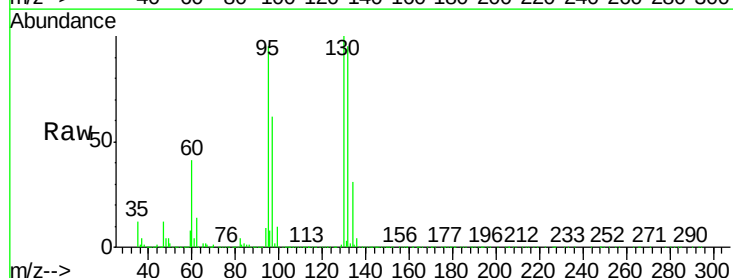
Manual Integrations
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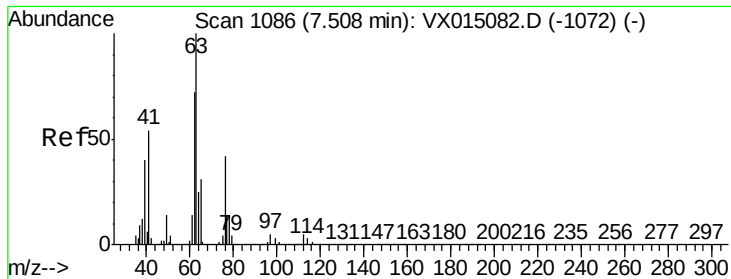
MMDadoda
3/5/2020 12:32:12 PM



#44
Trichloroethene
Concen: 48.008 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ion	Ratio	Lower	Upper
130	100			
95	95.0	0.0	181.2	





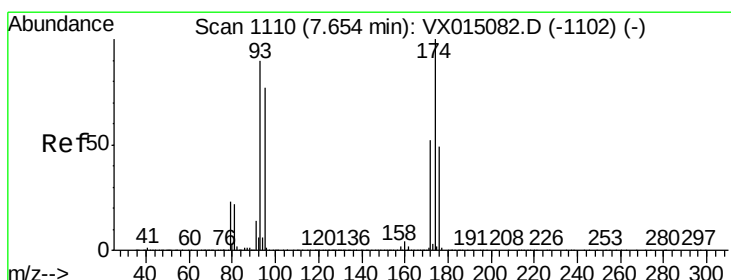
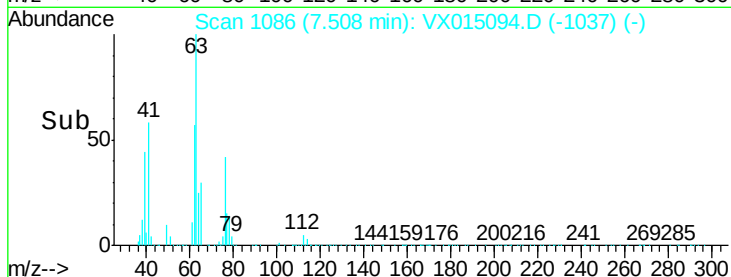
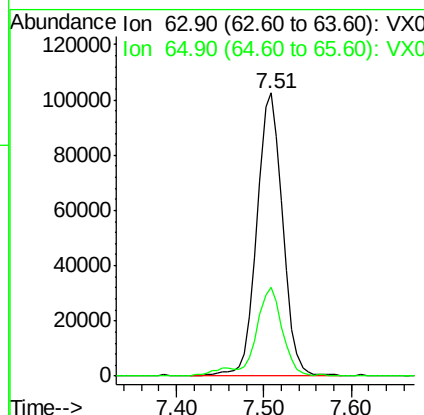
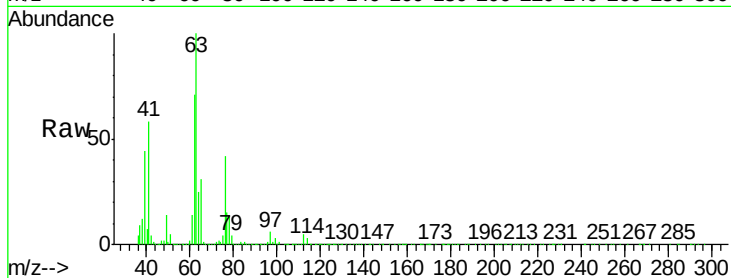
#45
 1,2-Dichloropropane
 Concen: 49.310 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.6	36.8

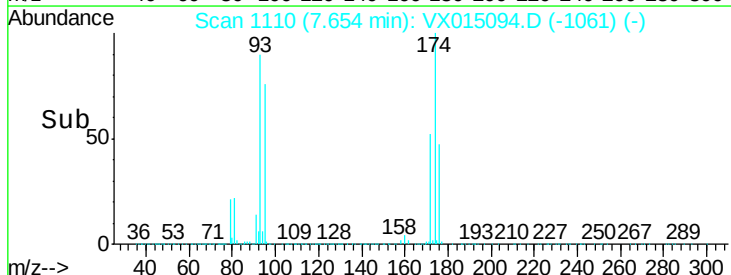
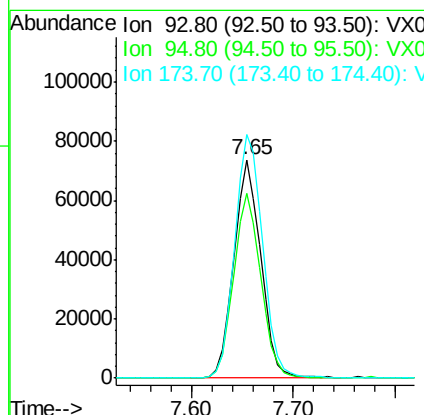
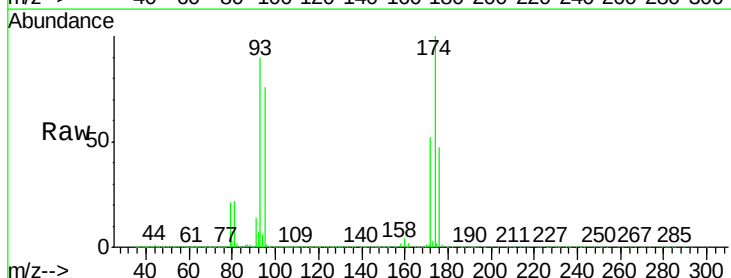
Manual Integrations
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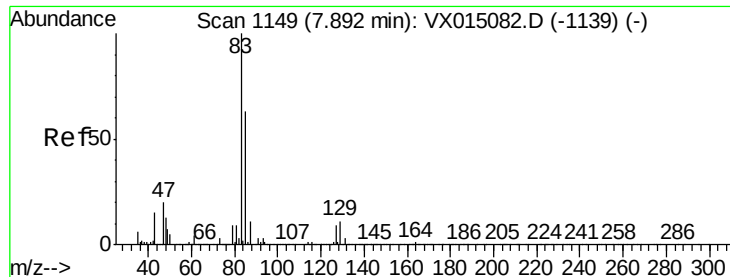
MMDadoda
 3/5/2020 12:32:12 PM



#46
 Dibromomethane
 Concen: 48.485 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.4	67.8	101.8
174	116.0	91.0	136.4





#47

Bromodichloromethane

Concen: 50.383 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

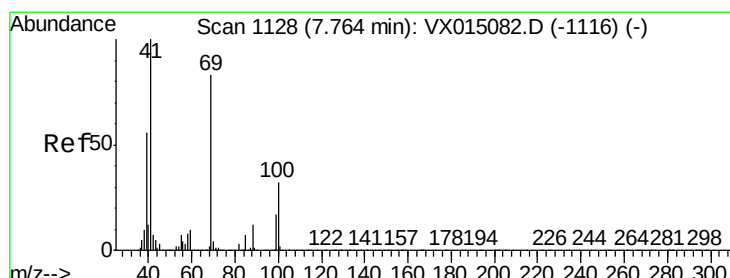
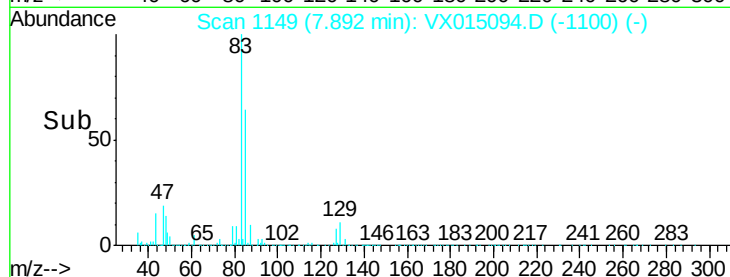
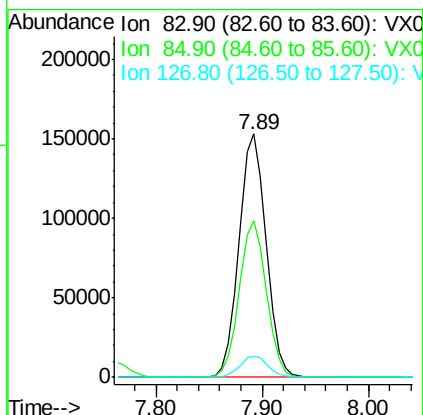
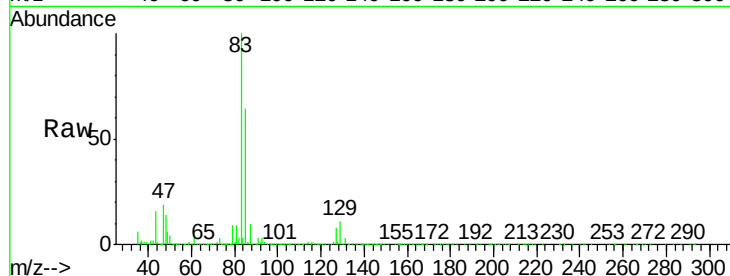
ClientSampleId :

VSTDCCC050EC

Tot Ion	83	Resp	275067
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.6	75.8
127	8.3	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.177 ug/l

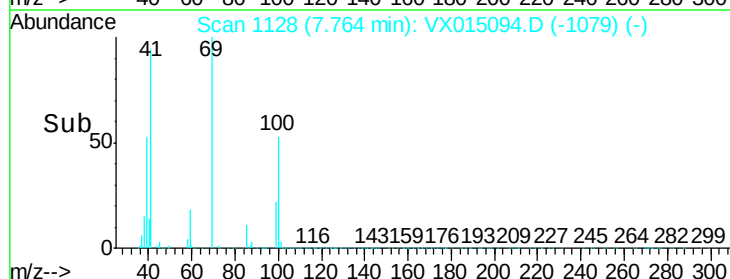
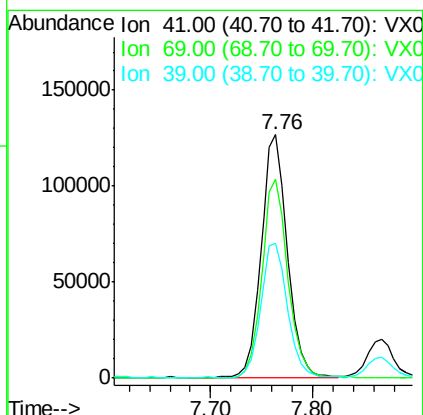
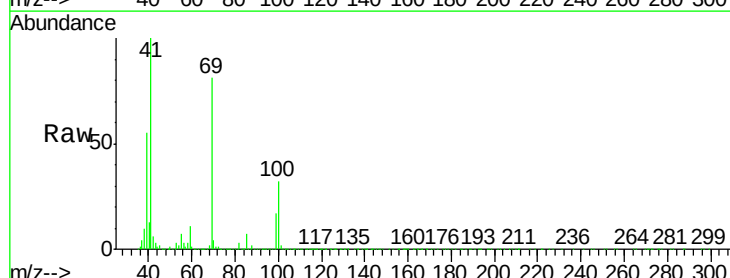
RT: 7.76 min Scan# 1128

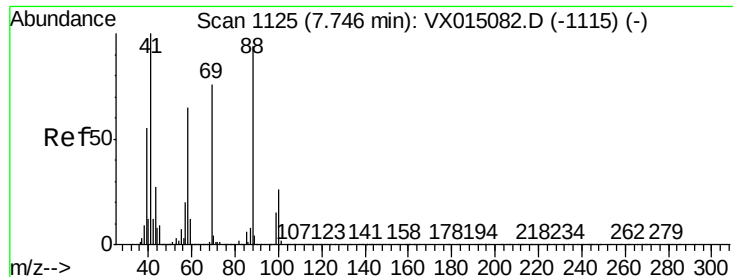
Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion	41	Resp	225355
Ion Ratio	Lower	Upper	
41	100		
69	81.2	65.4	98.2
39	56.3	44.6	67.0





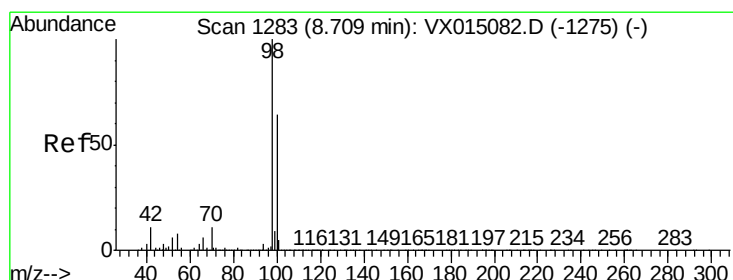
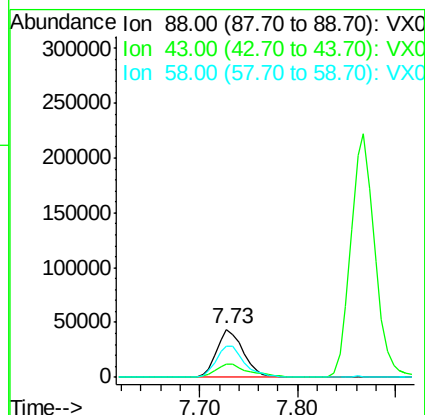
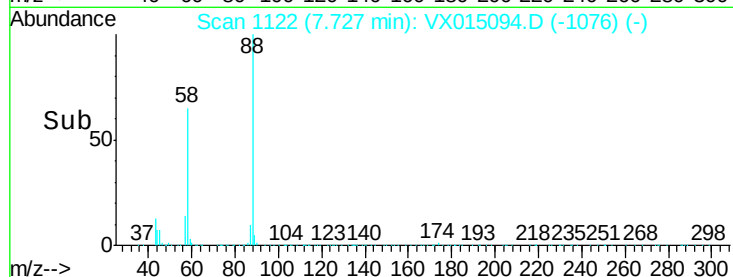
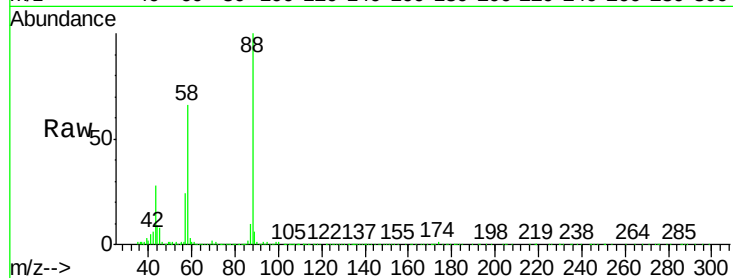
#49
1,4-Dioxane
Concen: 843.963 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	27.0	40.4
58	68.3	55.6	83.4

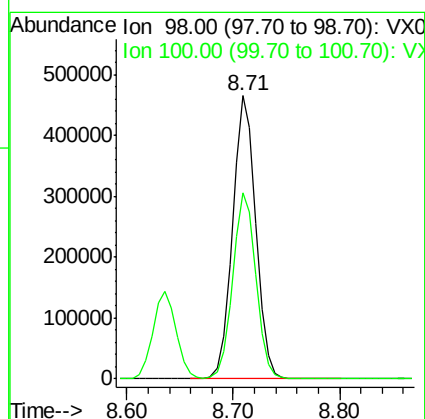
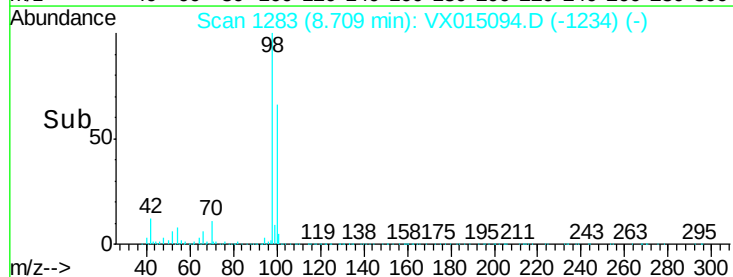
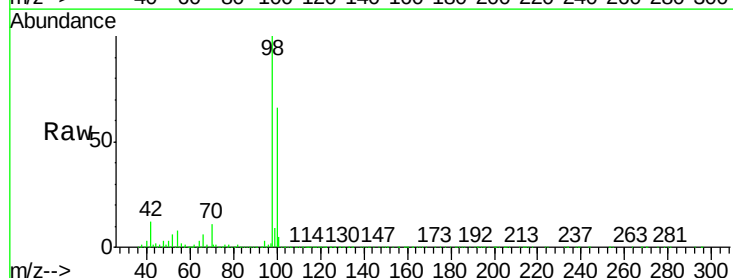
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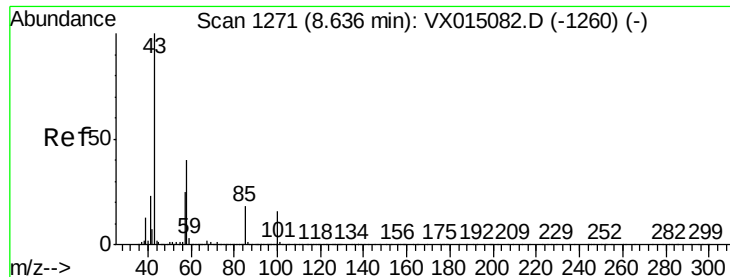
MMDadoda
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#50
Toluene-d8
Concen: 49.392 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 256.724 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1366658

Ion Ratio Lower Upper

43 100

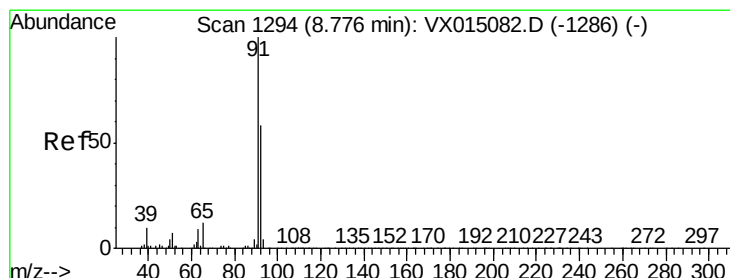
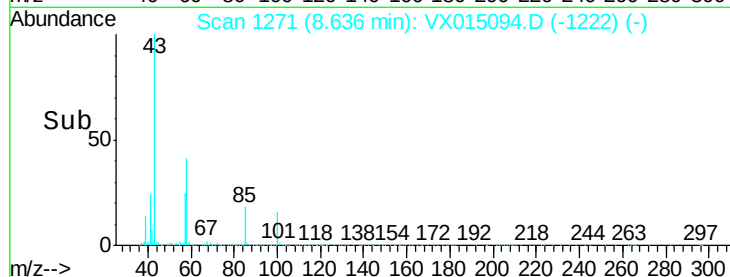
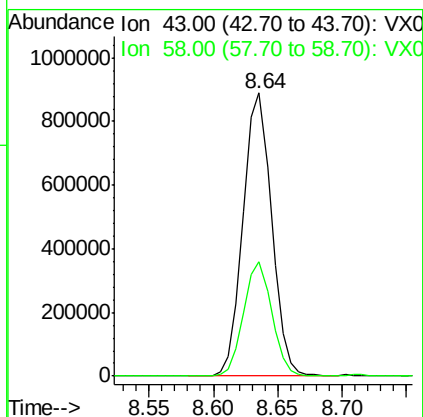
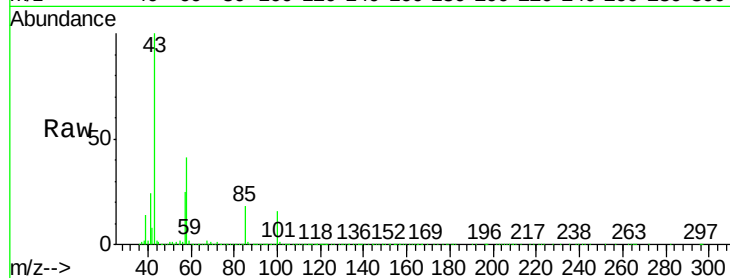
58 39.8 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 50.743 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015094.D

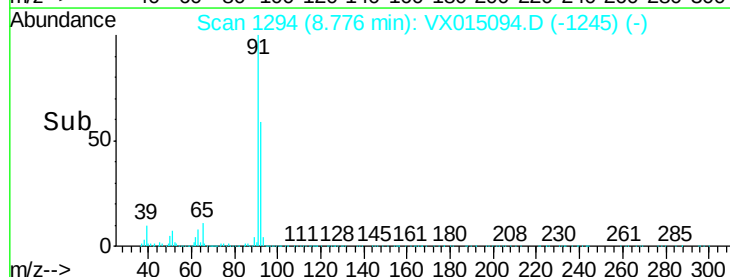
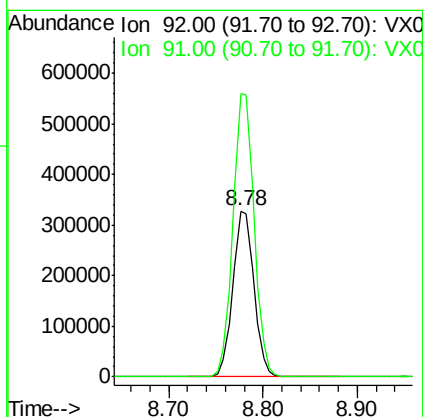
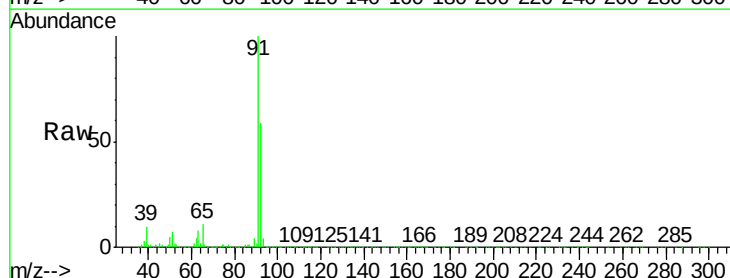
Acq: 04 Mar 2020 17:50

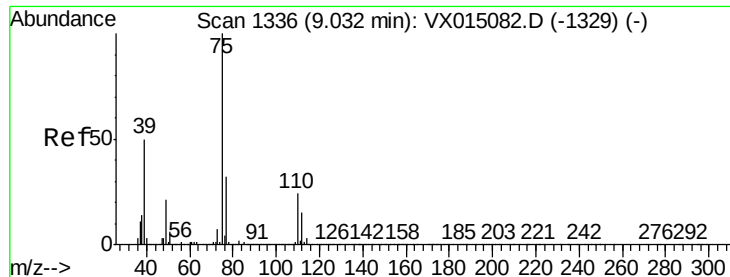
Tgt Ion: 92 Resp: 507882

Ion Ratio Lower Upper

92 100

91 171.4 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 51.440 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 298922

Ion Ratio Lower Upper

75 100

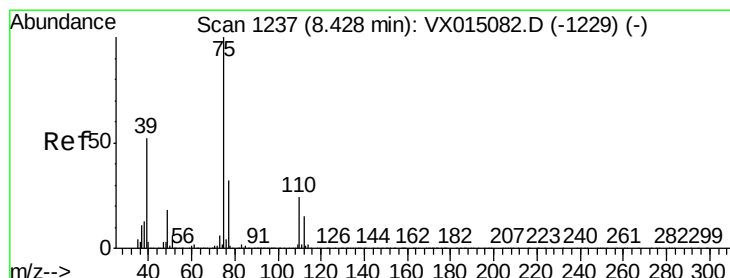
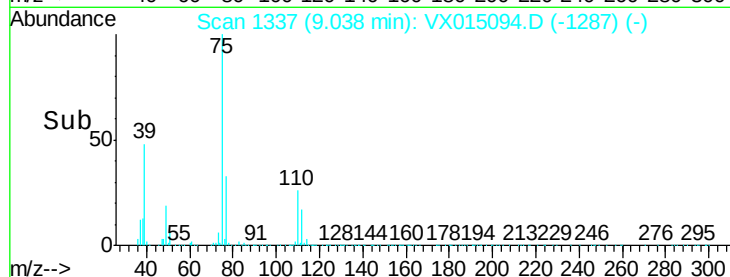
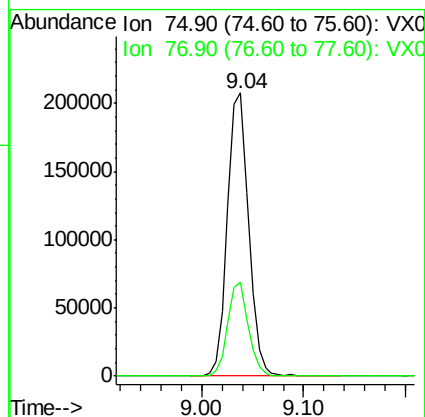
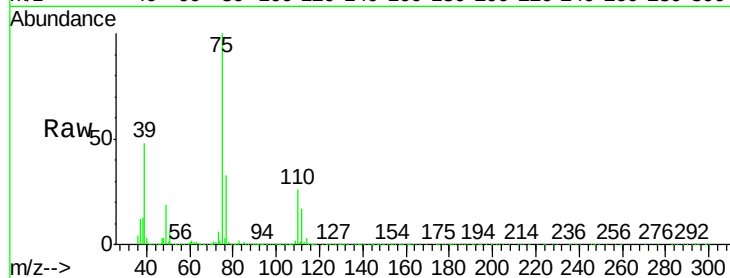
77 33.0 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 50.638 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

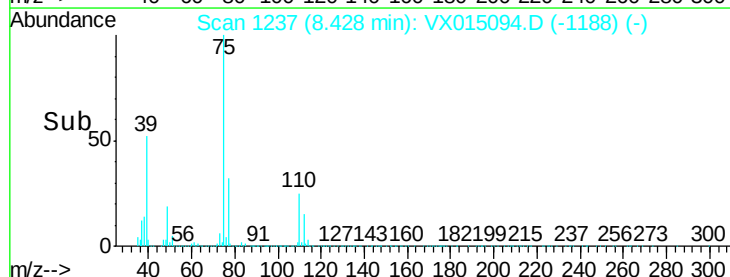
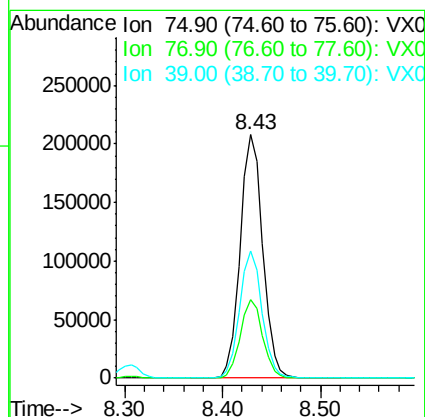
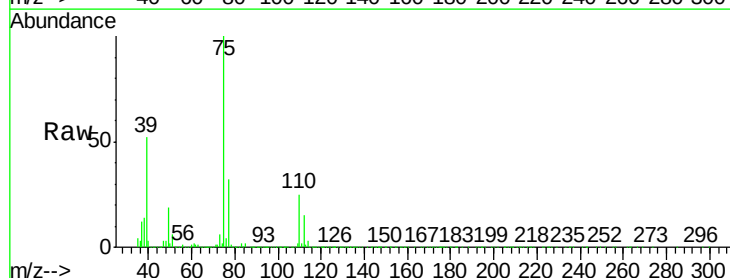
Tgt Ion: 75 Resp: 332669

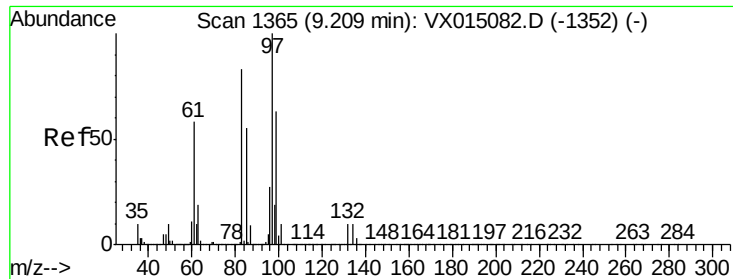
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

39 52.1 41.3 61.9





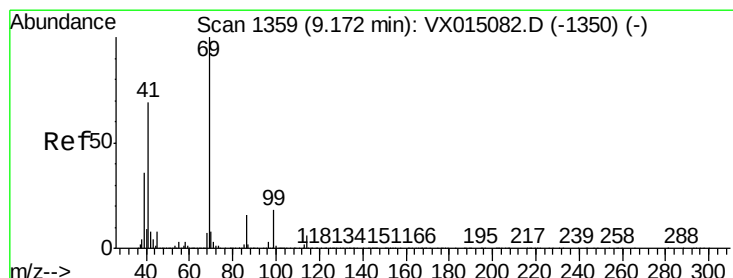
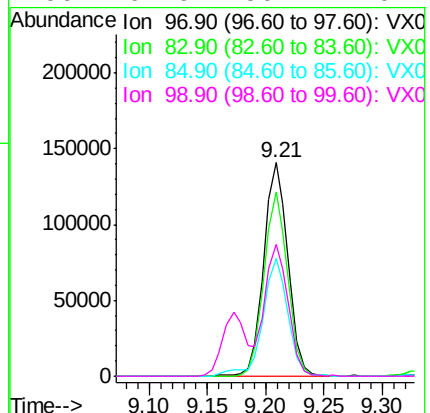
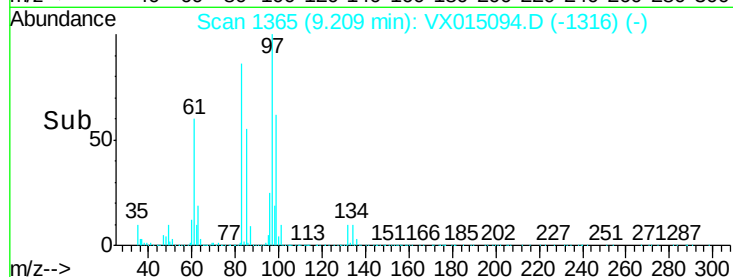
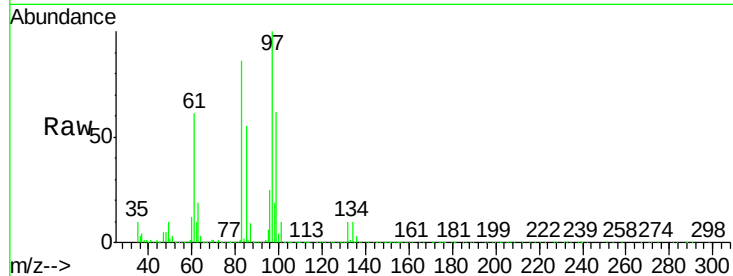
#55
 1,1,2-Trichloroethane
 Concen: 49.474 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		203815		
83	86.3	66.4	99.6		
85	55.0	43.5	65.3		
99	61.9	50.7	76.1		

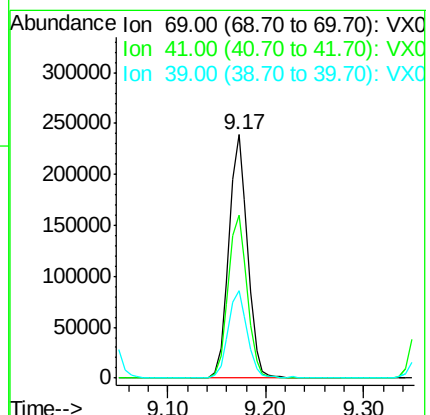
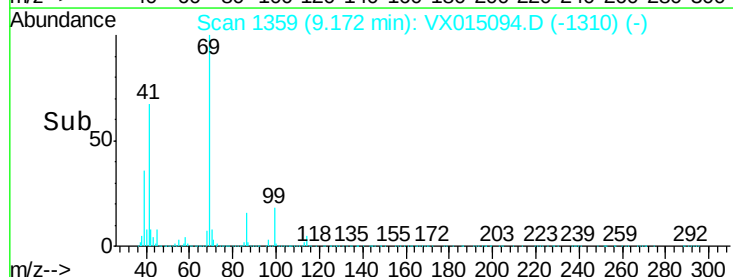
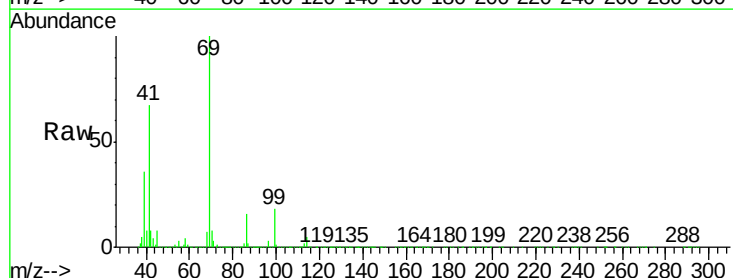
Manual Integrations
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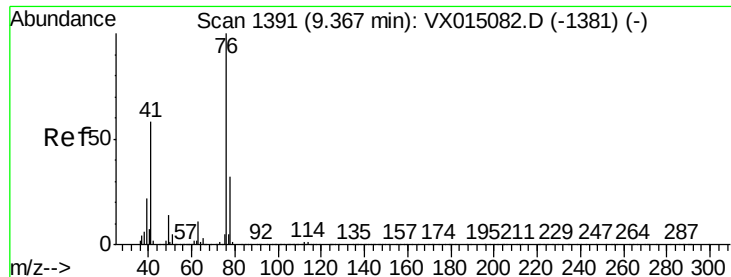
MMDadoda
 3/5/2020 12:32:12 PM



#56
 Ethyl methacrylate
 Concen: 53.909 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		316774		
41	68.2	55.8	83.8		
39	36.4	29.4	44.2		





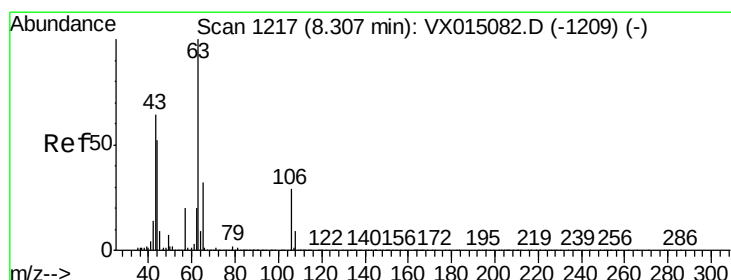
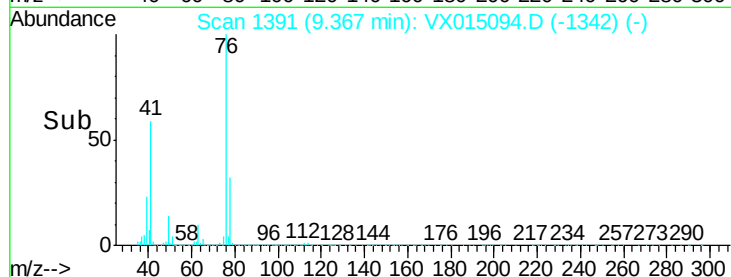
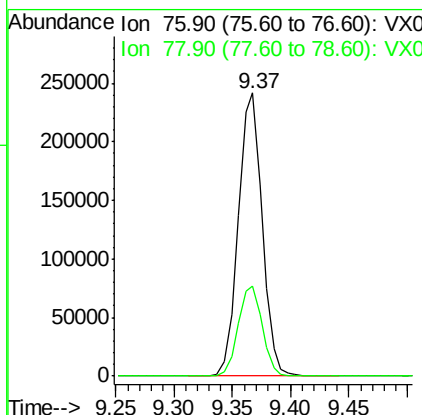
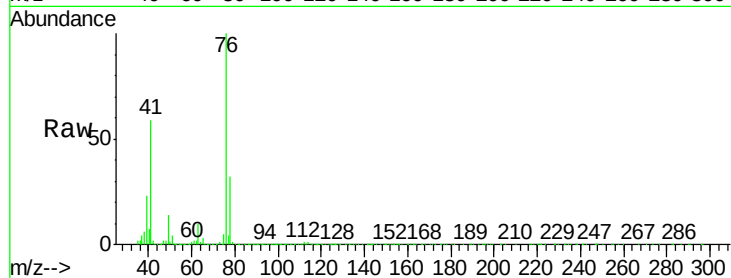
#57
 1,3-Dichloropropane
 Concen: 49.922 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.6	38.4

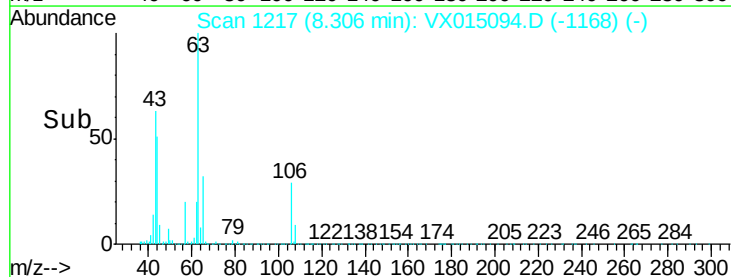
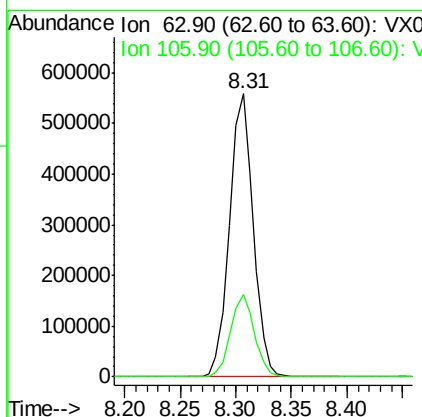
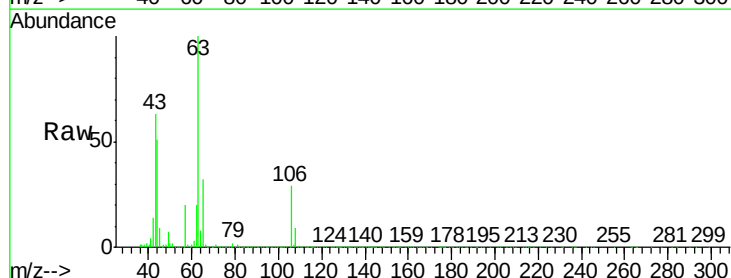
Manual Integrations
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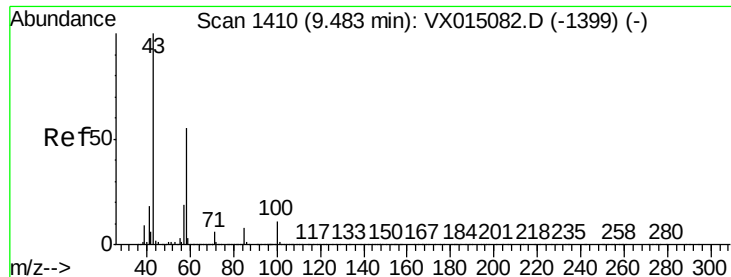
MMDadoda
 3/5/2020 12:32:12 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.408 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	22.8	34.2





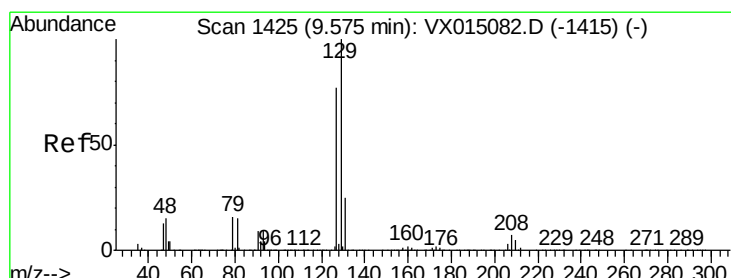
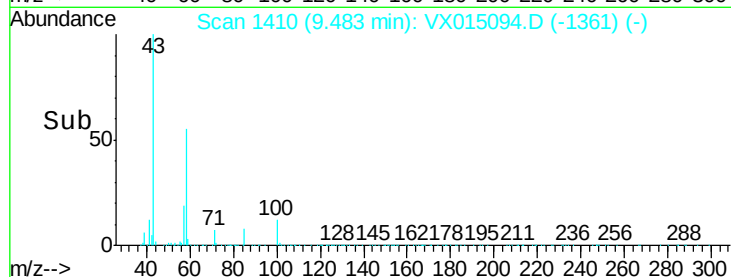
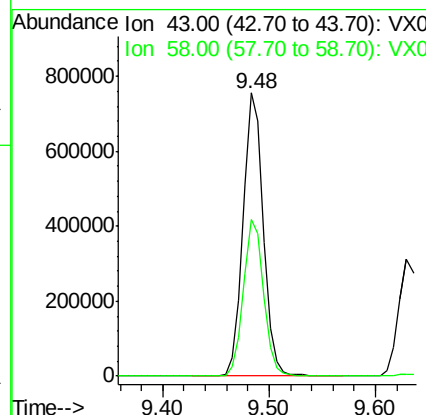
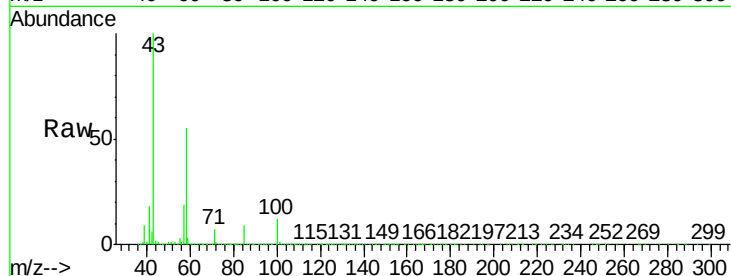
#59
2-Hexanone
Concen: 255.749 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1009098
Ion Ratio Lower Upper
43 100
58 55.5 27.3 81.8

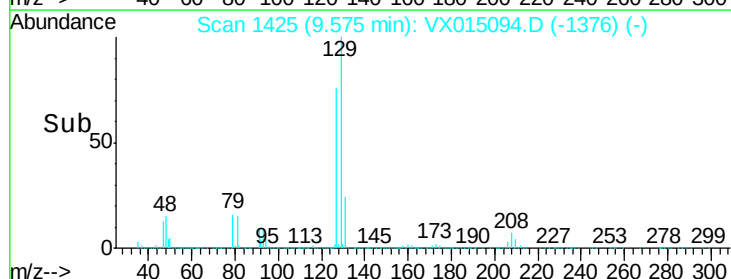
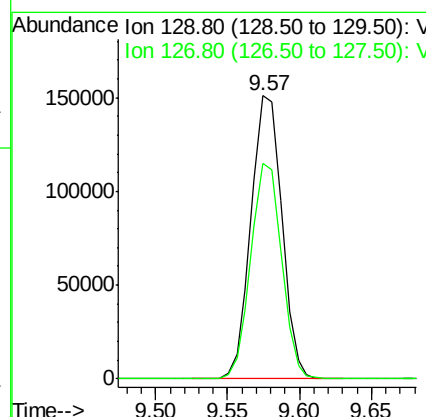
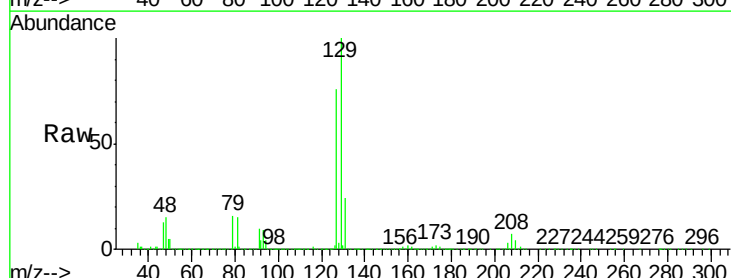
Manual Integrations
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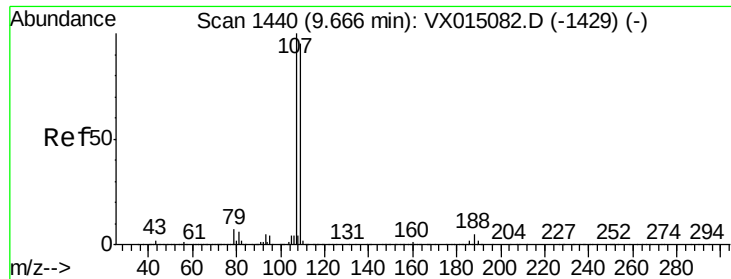
MMDadoda
3/5/2020 12:32:12 PM



#60
Dibromochloromethane
Concen: 51.929 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion: 129 Resp: 224723
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.3





#61

1,2-Dibromoethane

Concen: 49.170 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 107 Resp: 212759

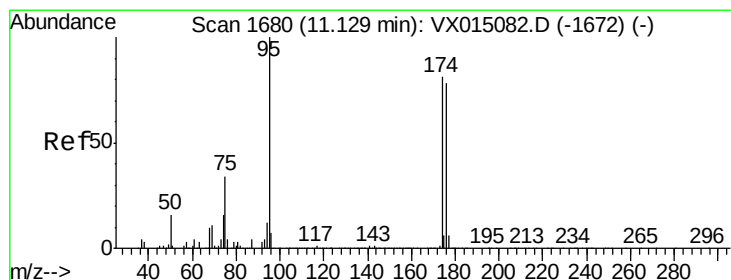
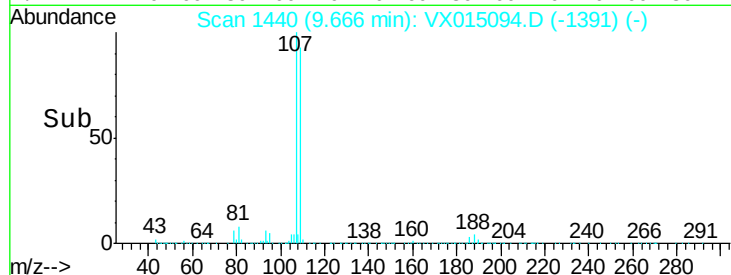
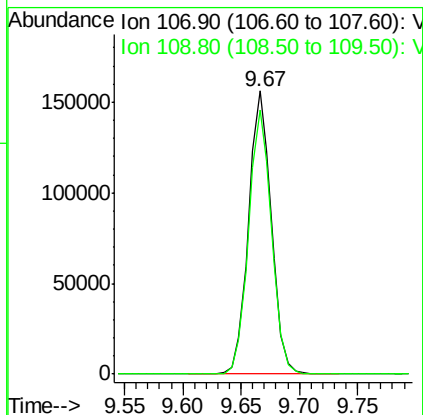
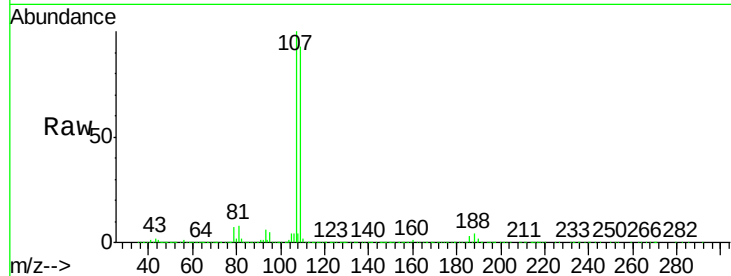
Ion Ratio Lower Upper

107 100

109 94.4 75.6 113.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 49.359 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

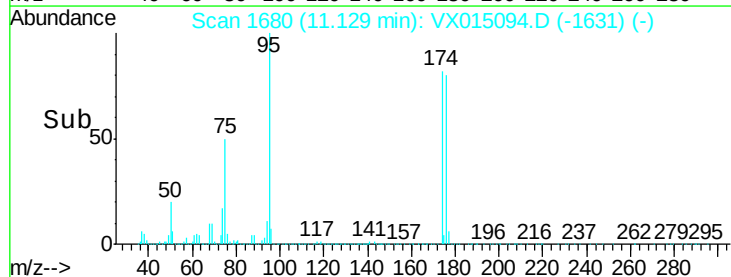
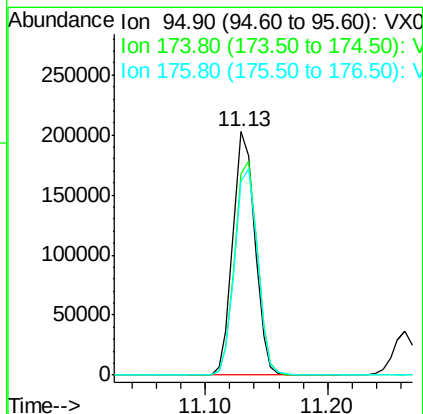
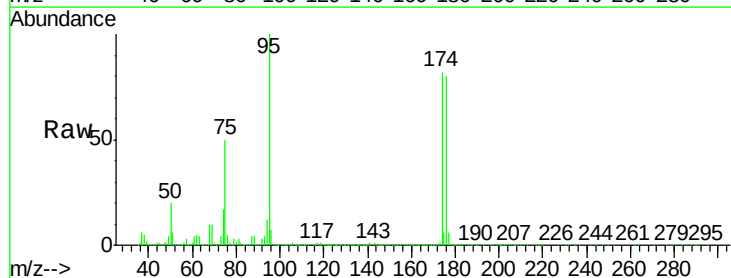
Tgt Ion: 95 Resp: 252156

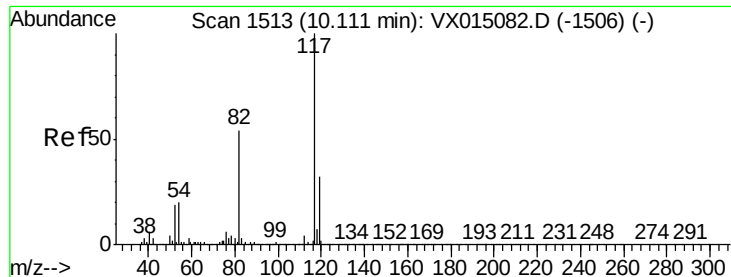
Ion Ratio Lower Upper

95 100

174 90.9 0.0 177.6

176 88.1 0.0 170.2





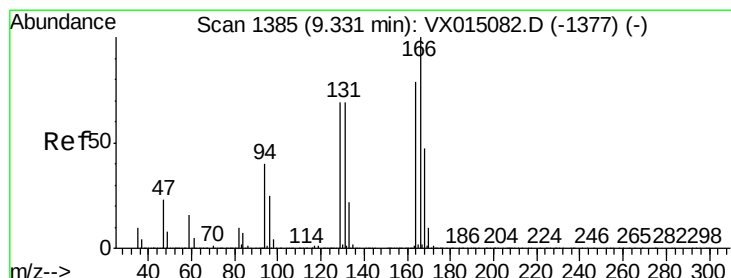
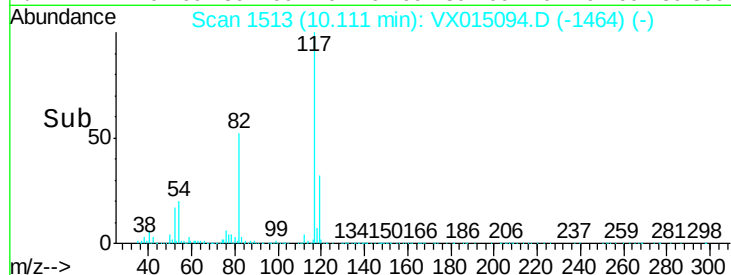
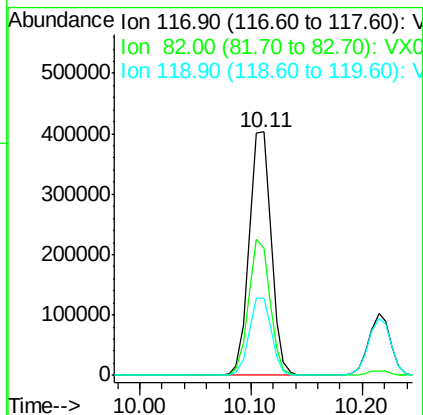
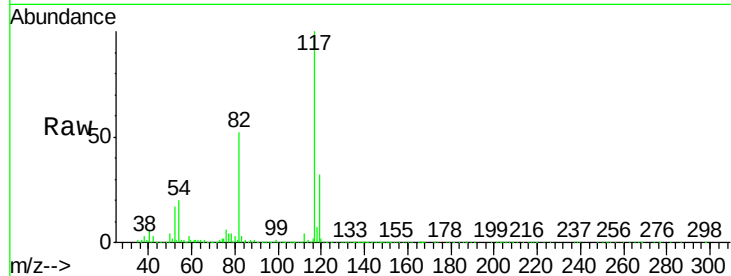
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	558313		
82	52.4	43.3	64.9	
119	31.5	25.8	38.8	

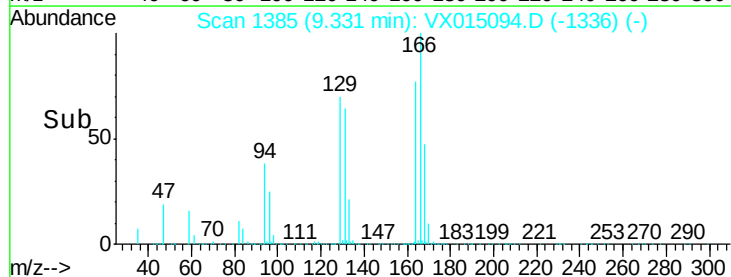
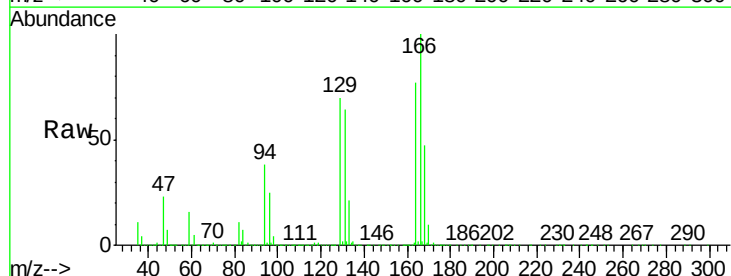
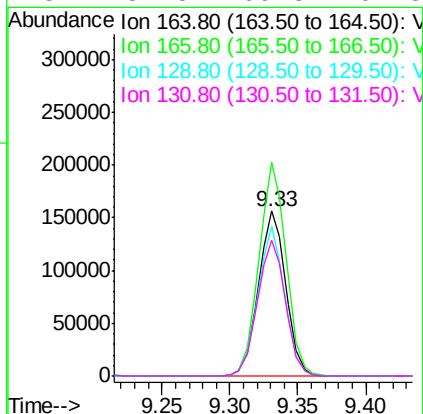
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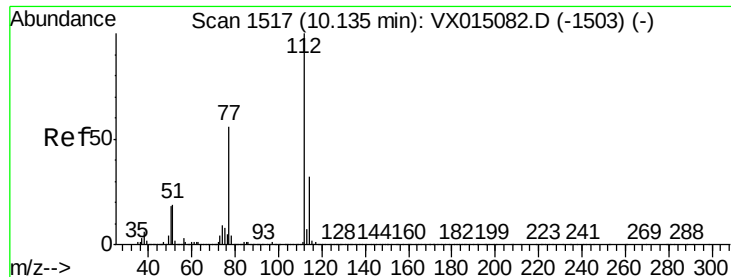
MMDadoda
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#64
Tetrachloroethene
Concen: 47.810 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	220699		
166	129.8	101.1	151.7	
129	90.7	69.4	104.0	
131	82.8	69.8	104.8	





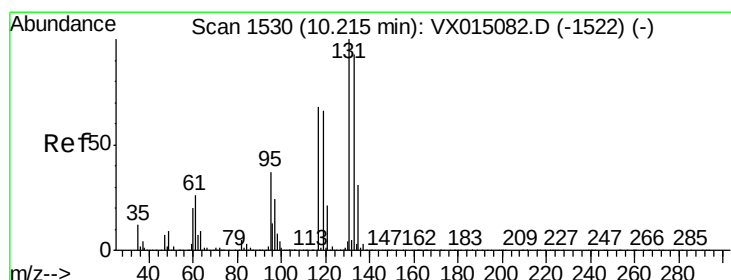
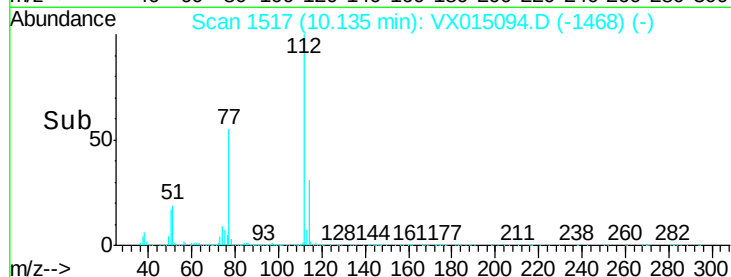
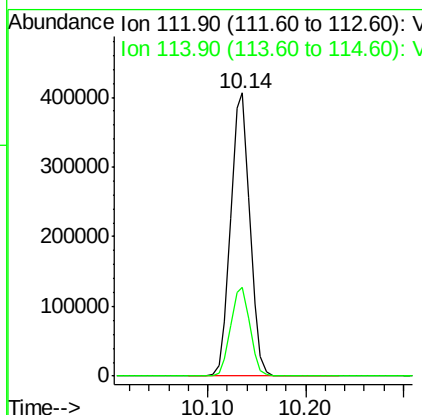
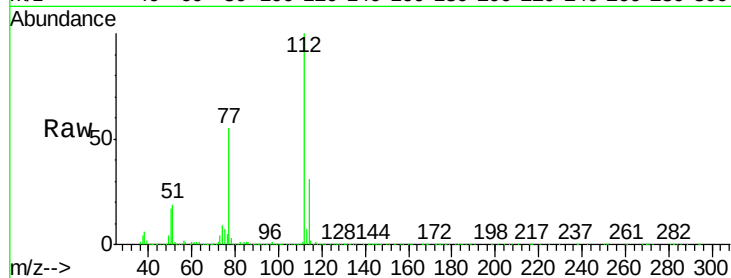
#65
Chlorobenzene
Concen: 49.375 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.5	38.3

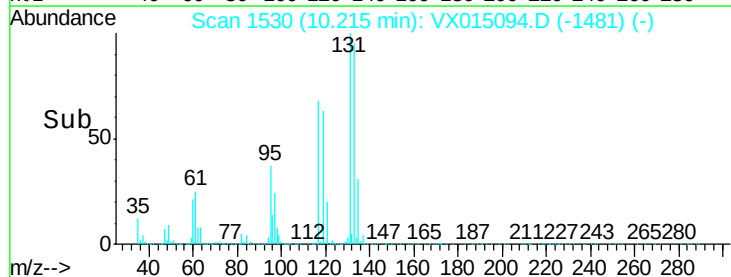
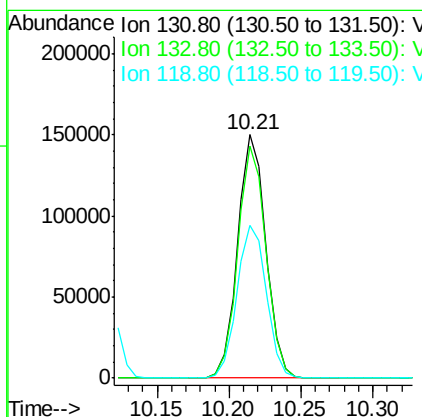
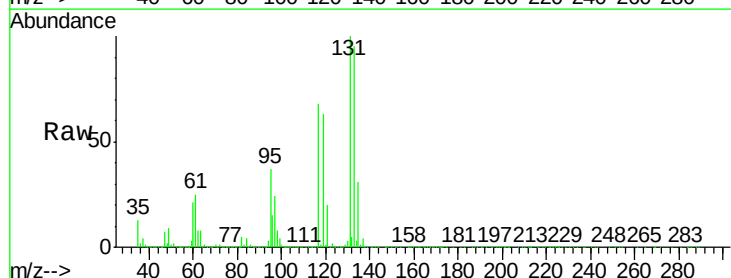
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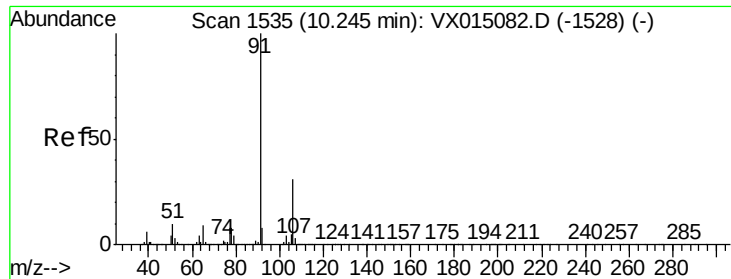
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.368 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.5	142.5
119	65.2	33.4	100.1





#67

Ethyl Benzene

Concen: 50.962 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 970003

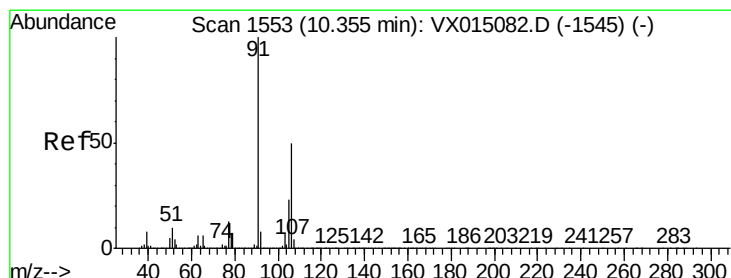
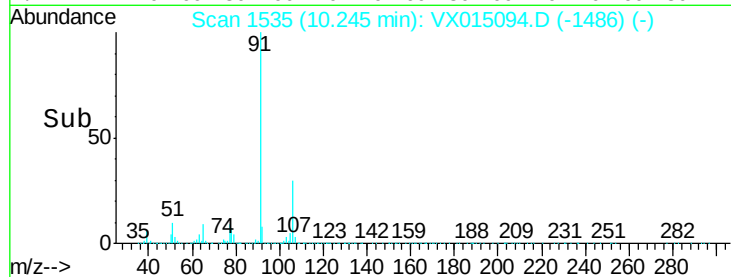
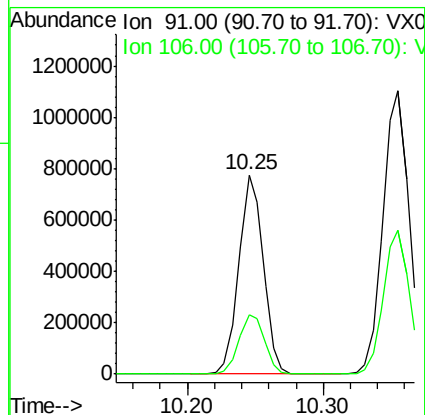
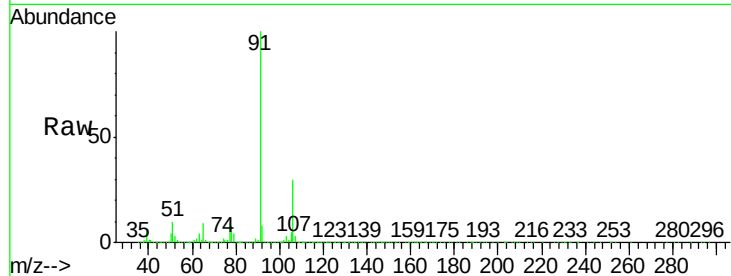
Ion Ratio Lower Upper

91 100

106 30.0 24.9 37.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 102.380 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015094.D

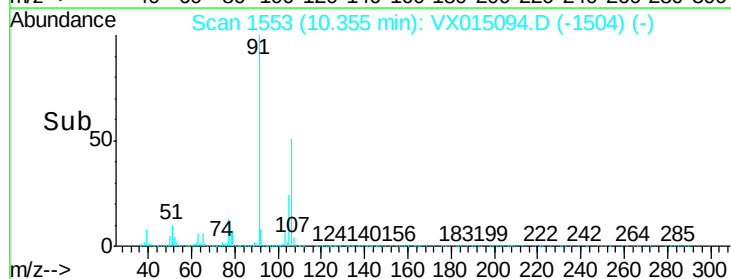
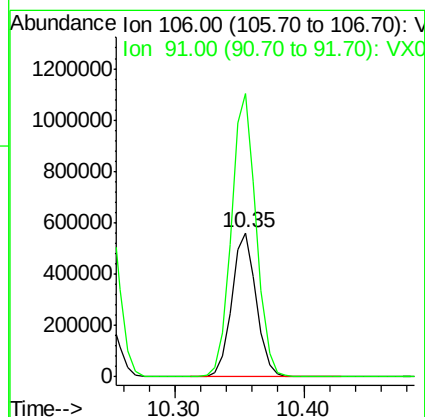
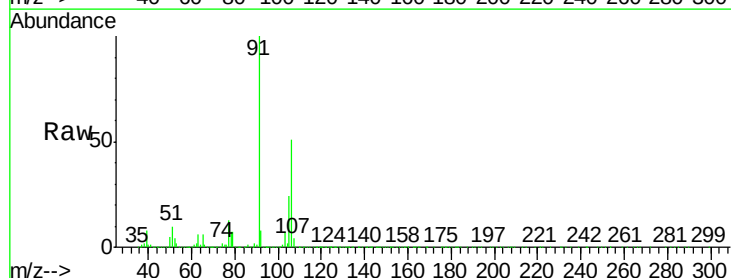
Acq: 04 Mar 2020 17:50

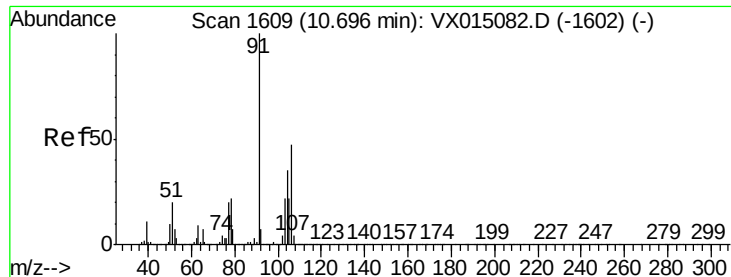
Tgt Ion: 106 Resp: 741406

Ion Ratio Lower Upper

106 100

91 199.0 159.4 239.2





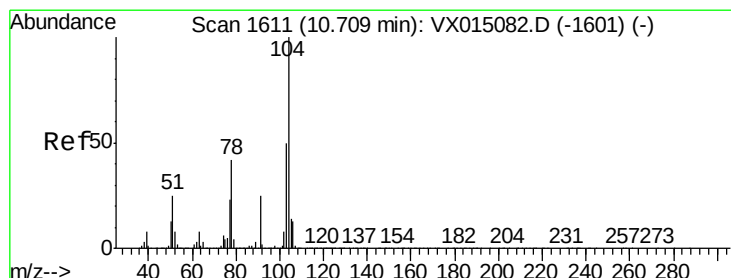
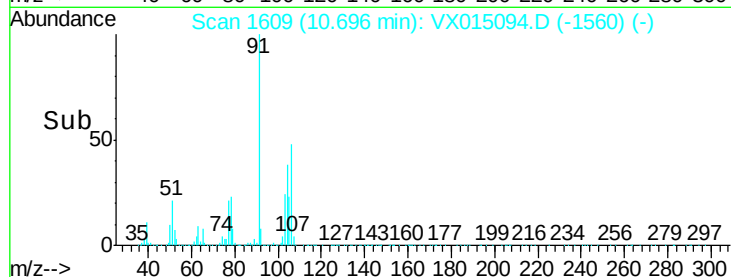
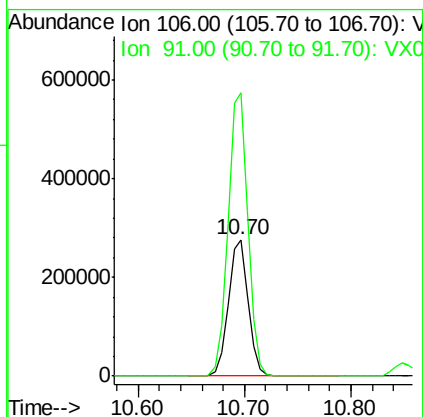
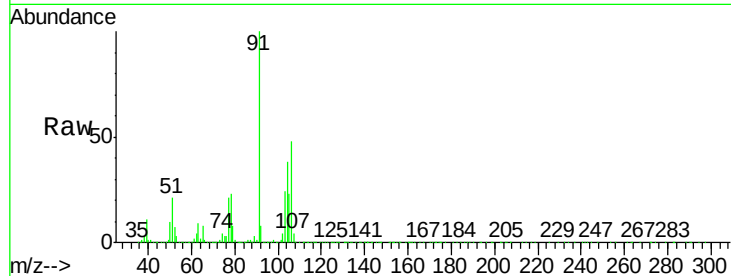
#69
o-Xylene
Concen: 51.454 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.8	105.4	316.1

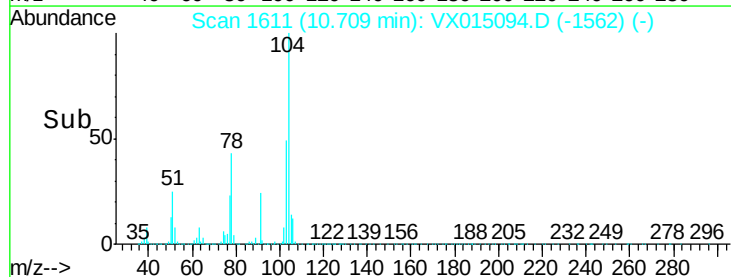
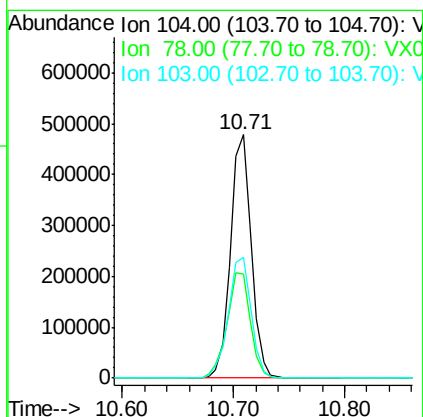
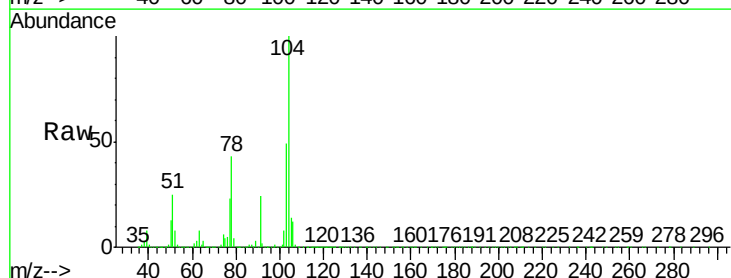
Manual Integrations
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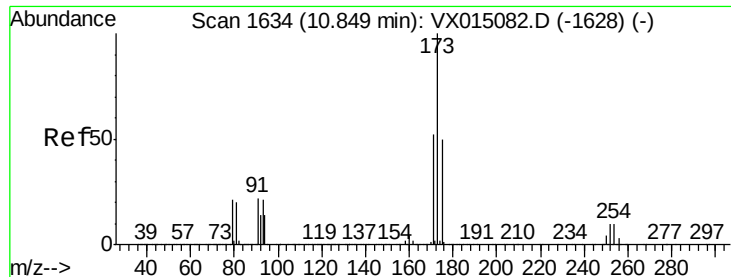
MMDadoda
3/5/2020 12:32:12 PM



#70
Styrene
Concen: 51.736 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	39.0	58.4
103	54.9	43.7	65.5





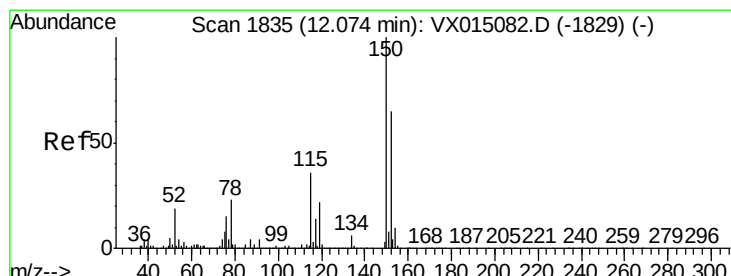
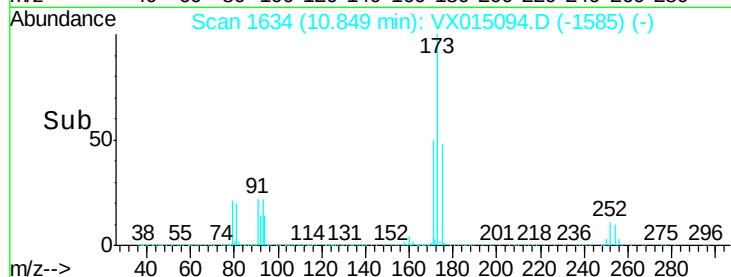
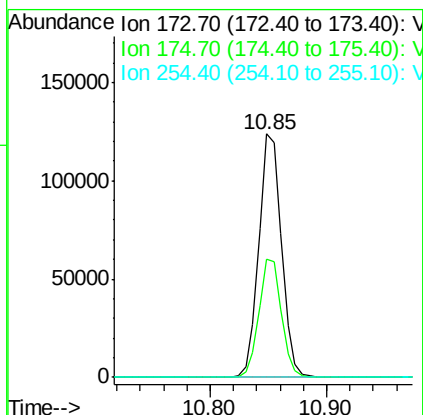
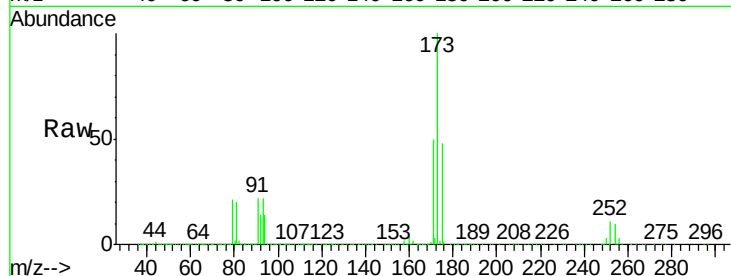
#71
Bromoform
Concen: 51.479 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.9	74.7
254	0.2	0.2	0.2

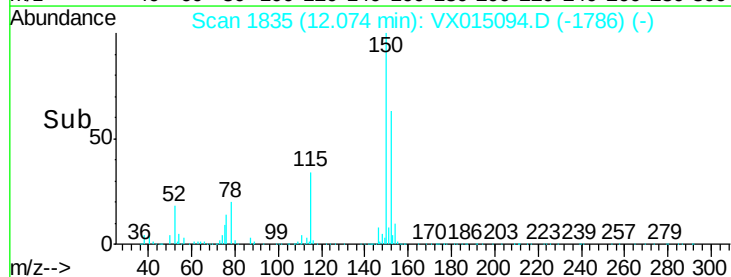
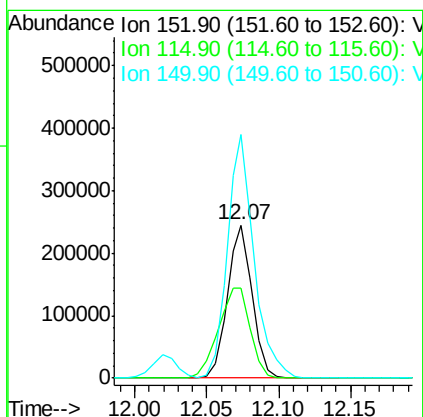
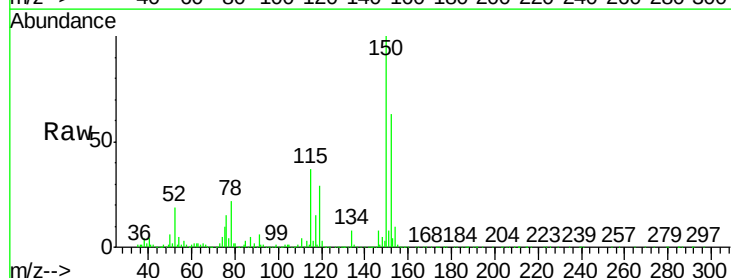
Manual Integrations
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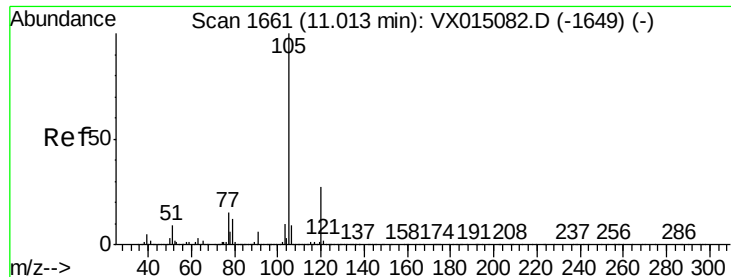
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.9	38.2	114.6
150	172.1	0.0	343.8





#73

Isopropylbenzene

Concen: 50.285 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 944162

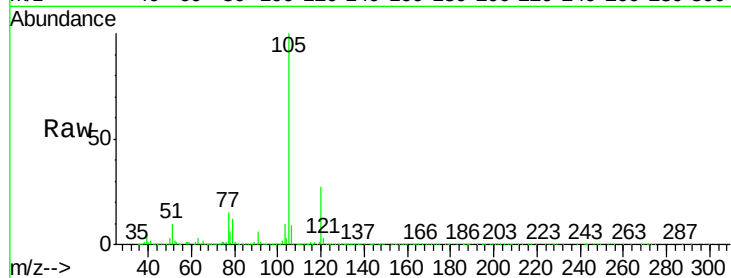
Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5

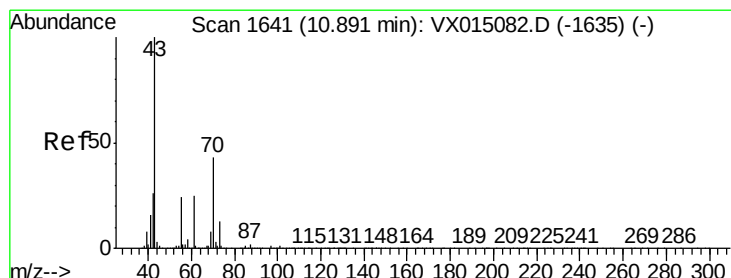
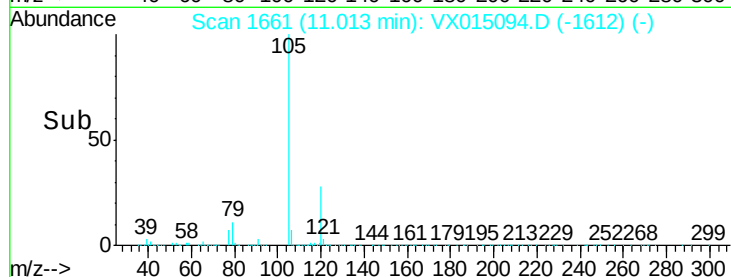
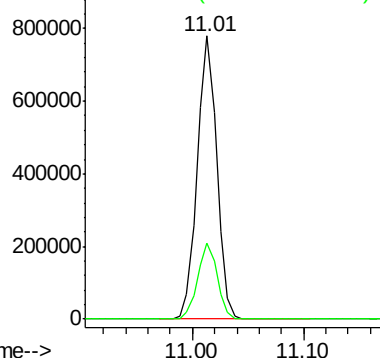
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.152 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion: 43 Resp: 404759

Ion Ratio Lower Upper

43 100

70 42.7 34.7 52.1

55 24.3 19.4 29.0

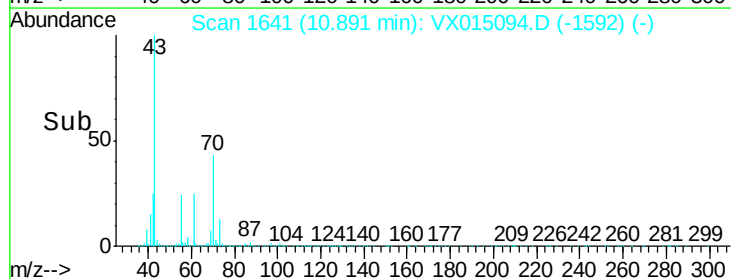
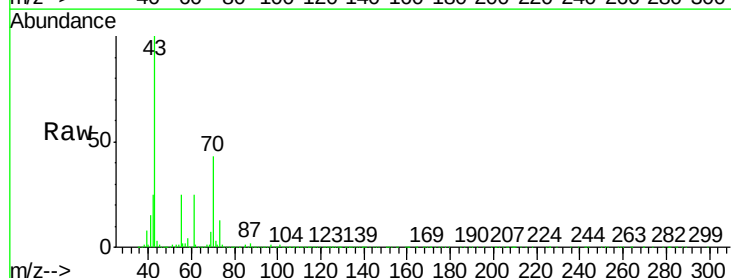
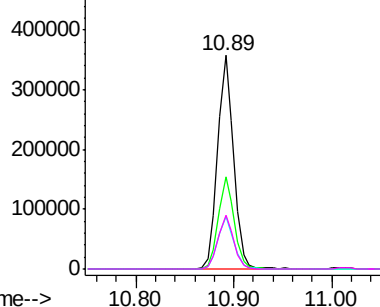
61 24.7 19.0 28.6

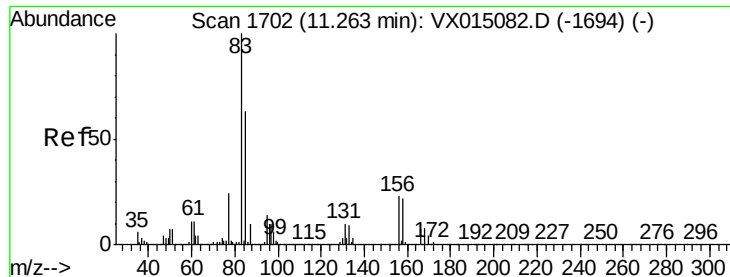
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.060 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

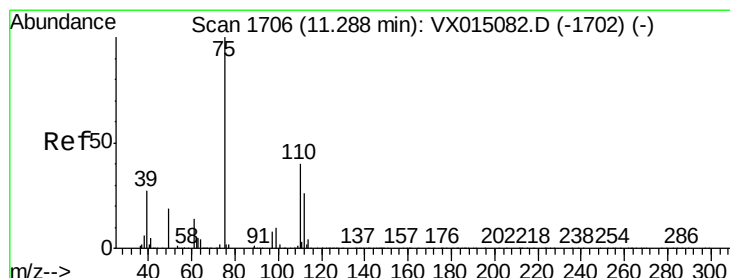
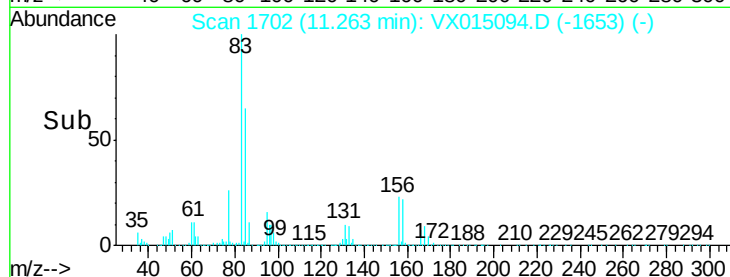
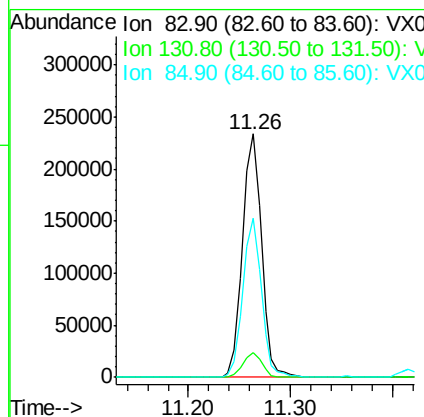
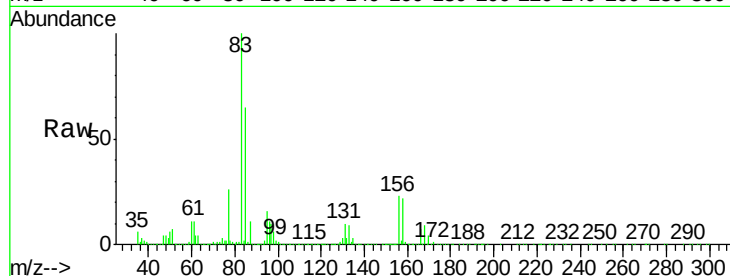
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	300730
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	14.9
85	63.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.838 ug/l m

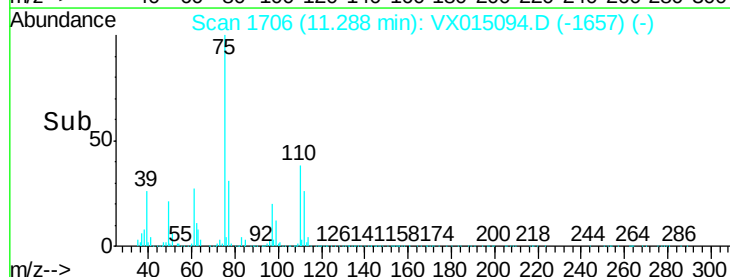
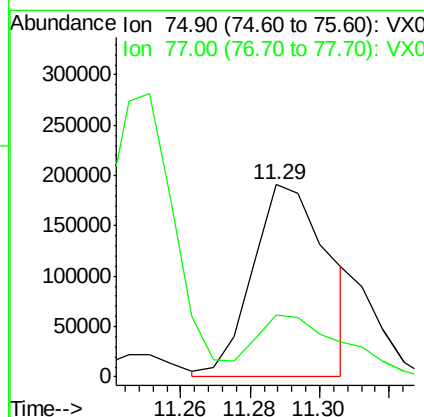
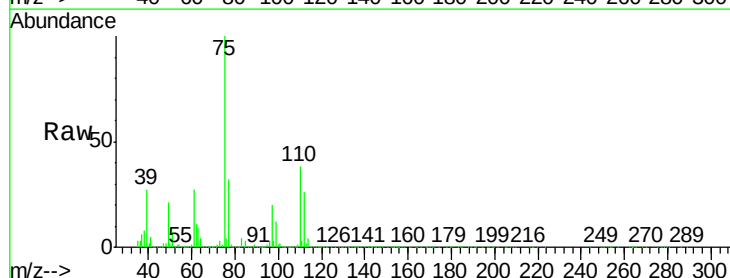
RT: 11.29 min Scan# 1706

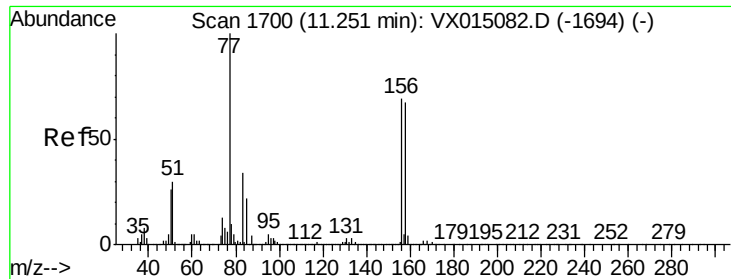
Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion:	75	Resp:	286332
Ion Ratio	Lower	Upper	
75	100		
77	37.0	22.6	67.8





#77

Bromobenzene

Concen: 47.138 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

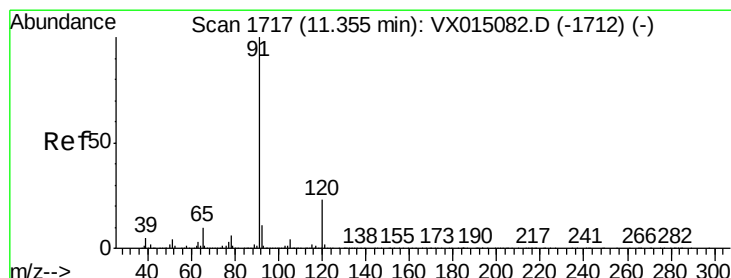
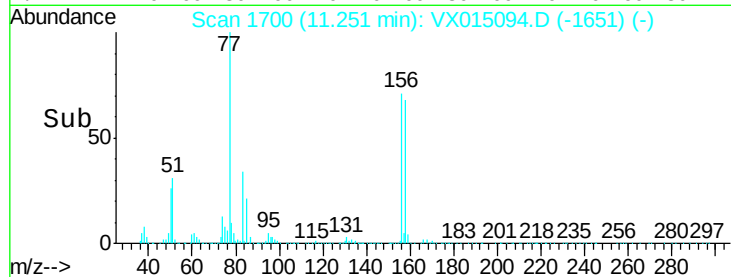
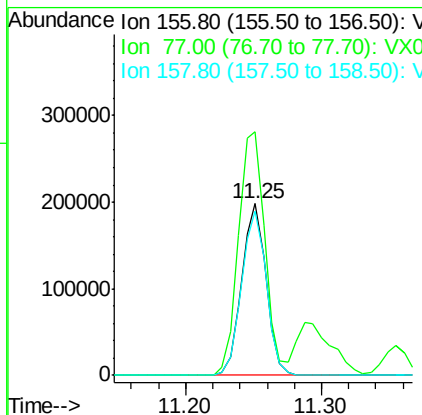
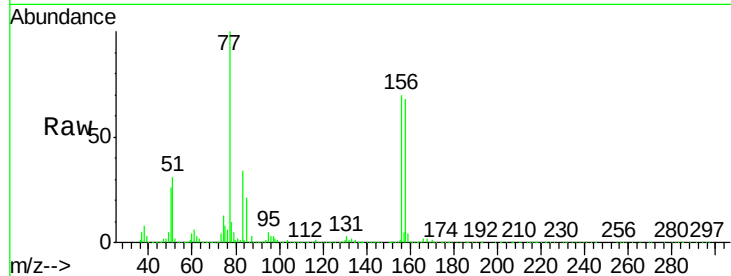
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	246657
Ion Ratio	Lower	Upper	
156	100		
77	154.7	75.3	225.9
158	97.5	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 50.975 ug/l

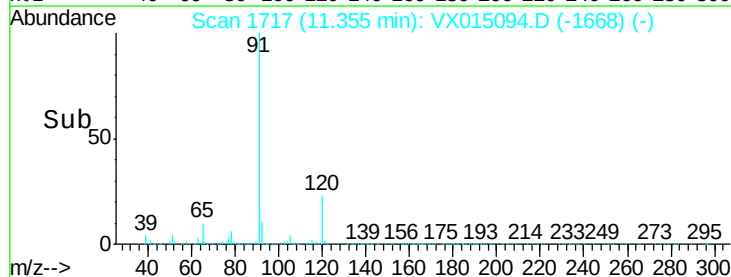
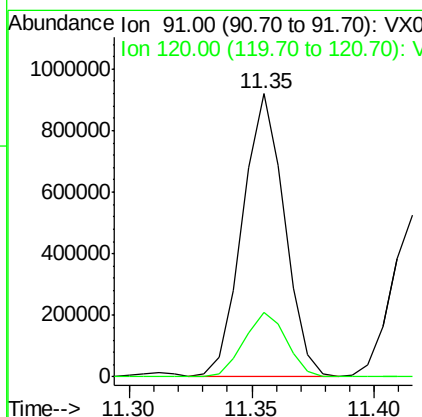
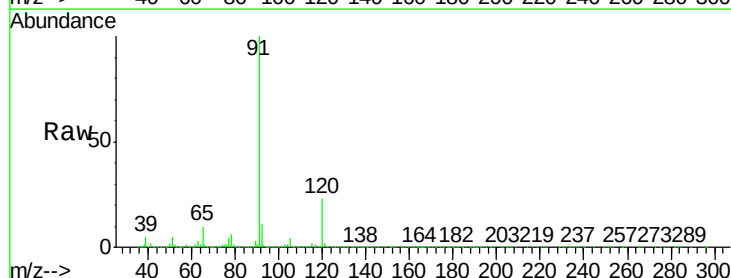
RT: 11.35 min Scan# 1717

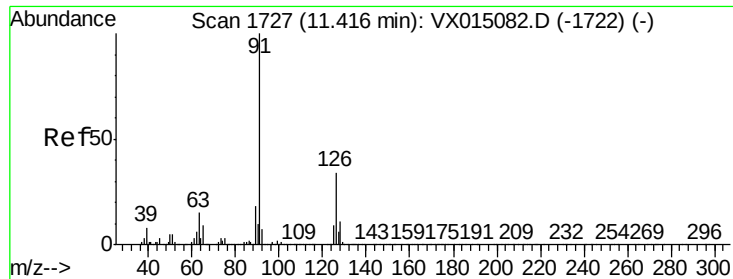
Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion:	91	Resp:	1093470
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.1





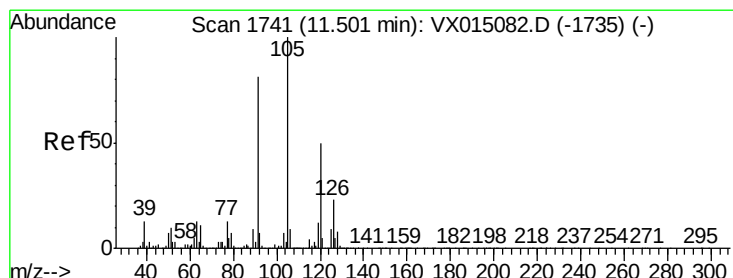
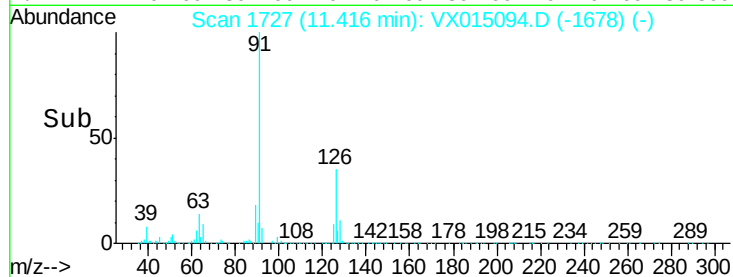
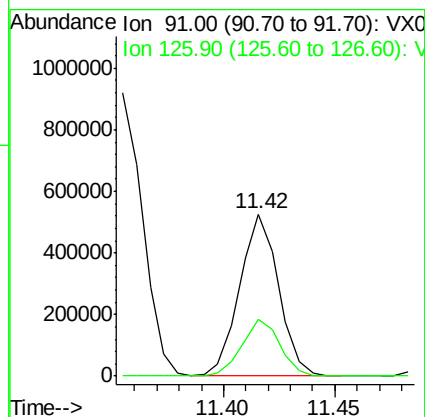
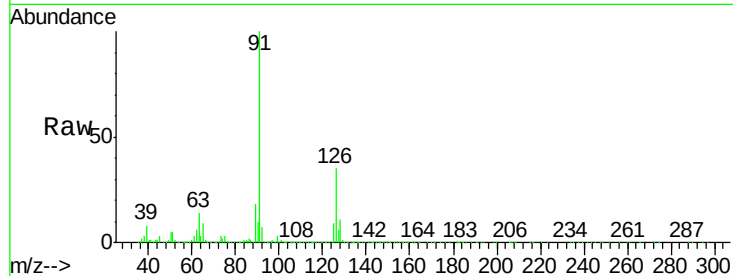
#79
 2-Chlorotoluene
 Concen: 49.727 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 91 Resp: 637024
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0

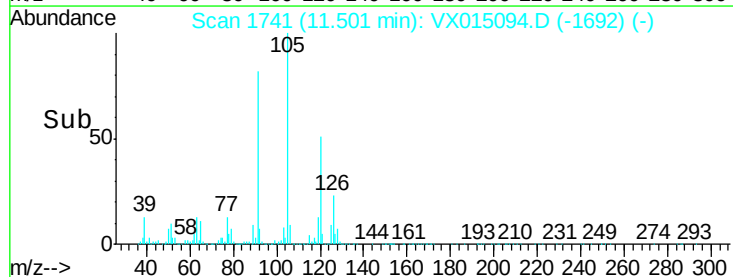
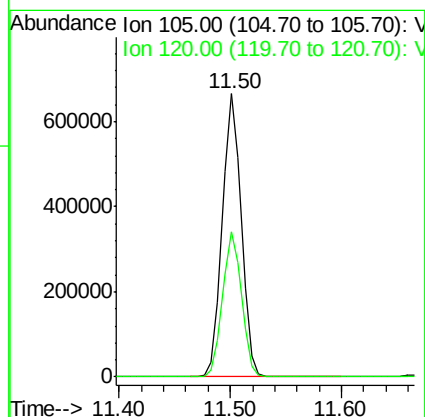
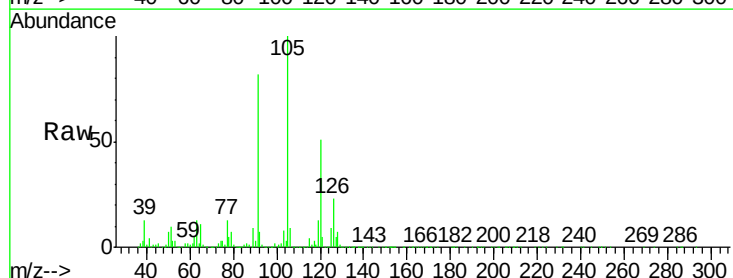
Manual Integrations
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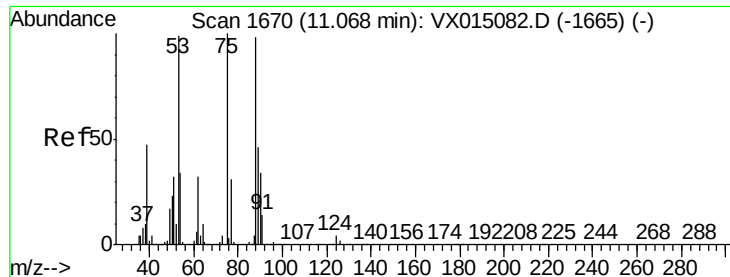
MMDadoda
 3/5/2020 12:32:12 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.266 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion: 105 Resp: 785674
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.1 75.4





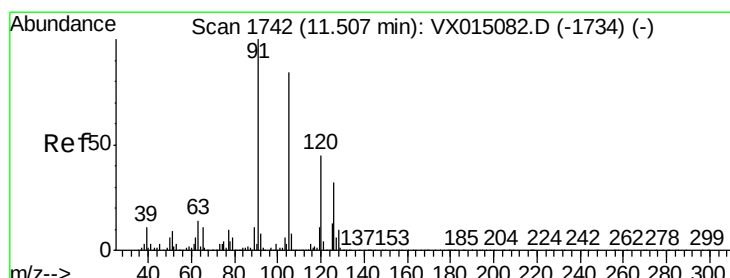
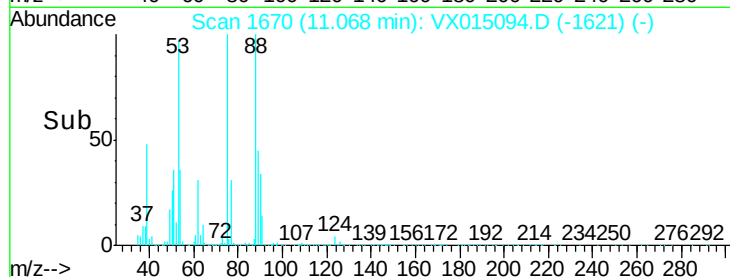
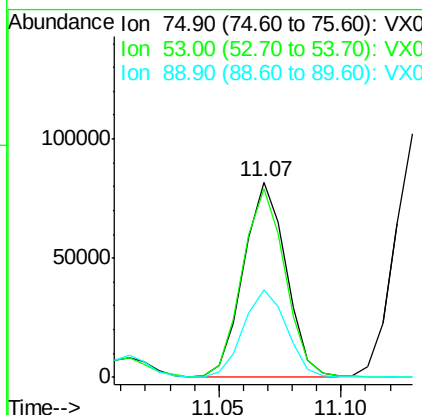
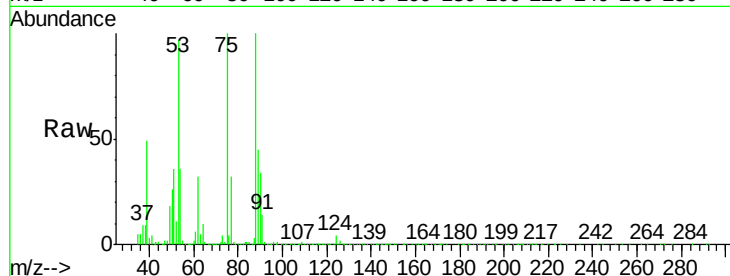
#81
trans-1,4-Dichloro-2-butene
Concen: 48.178 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.7	77.9	116.9
89	45.4	36.2	54.2

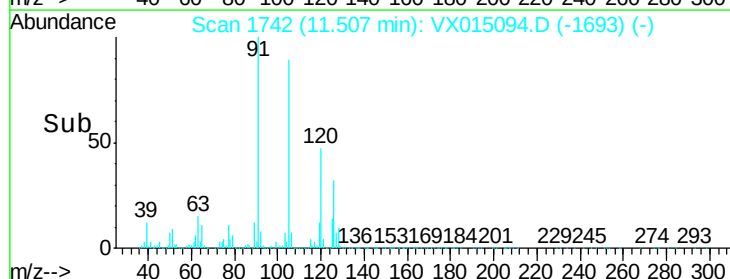
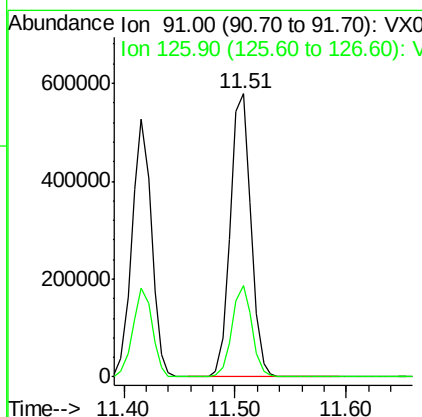
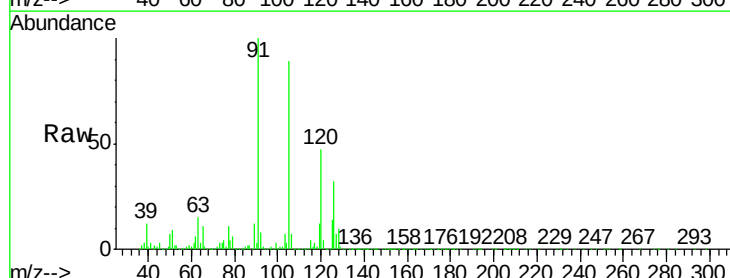
Manual Integrations
APPROVED

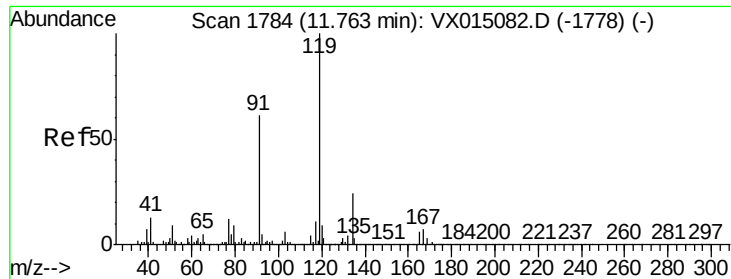
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#82
4-Chlorotoluene
Concen: 48.829 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.2





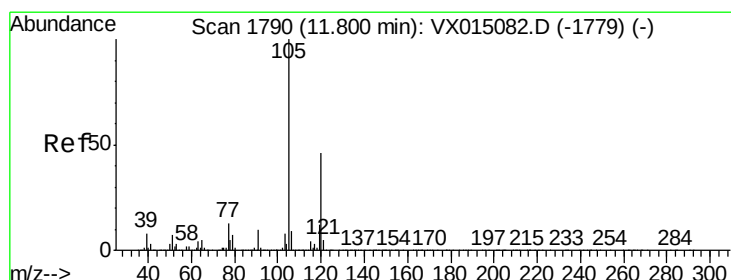
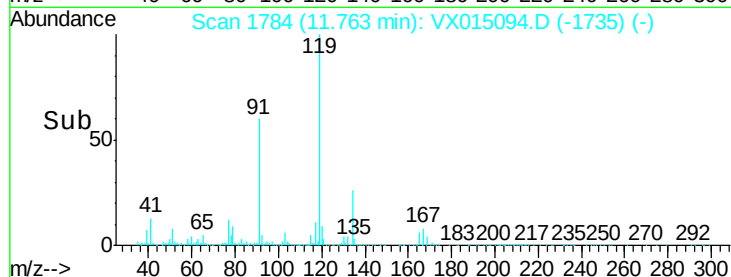
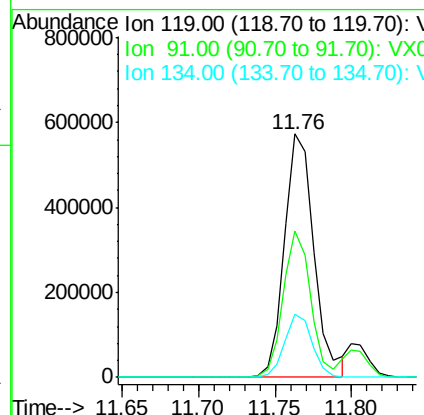
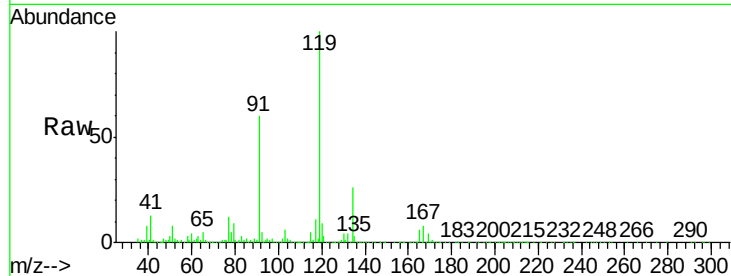
#83
 tert-Butylbenzene
 Concen: 50.888 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.6	28.5	85.6
134	24.2	11.9	35.7

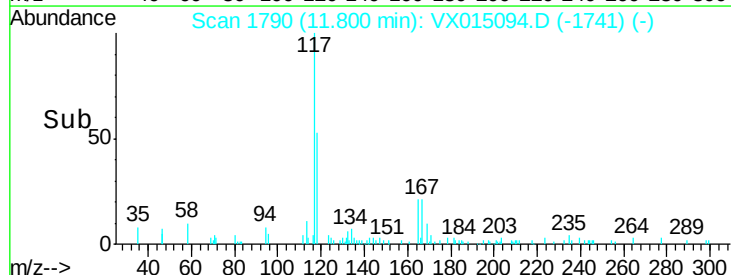
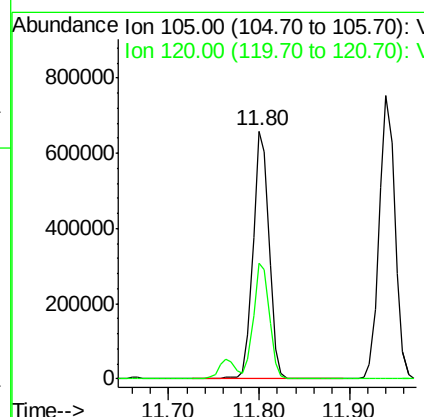
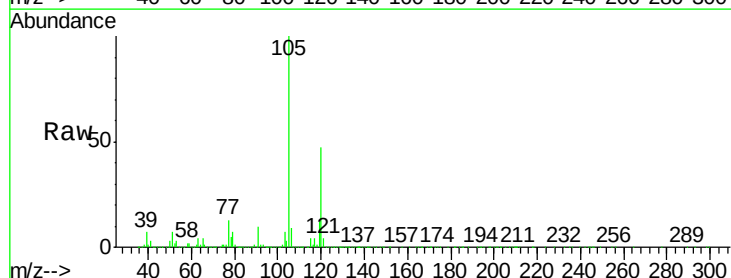
Manual Integrations
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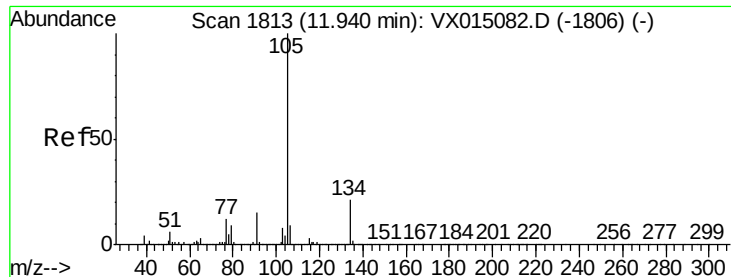
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.949 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.9	68.5





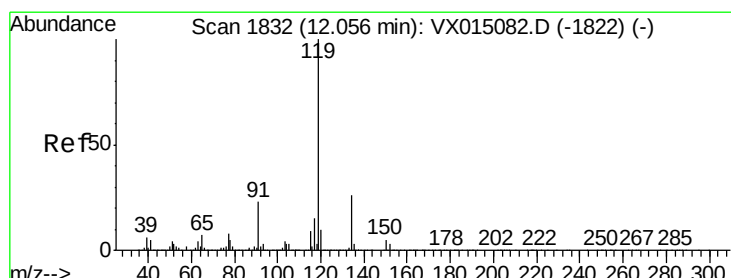
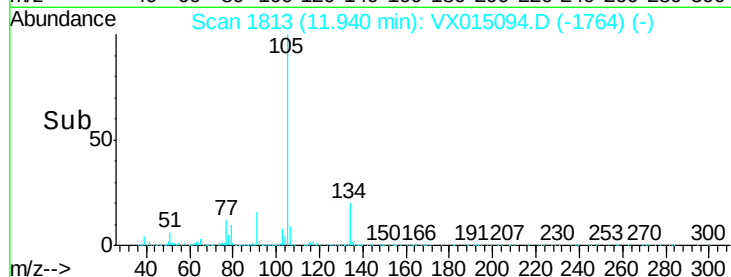
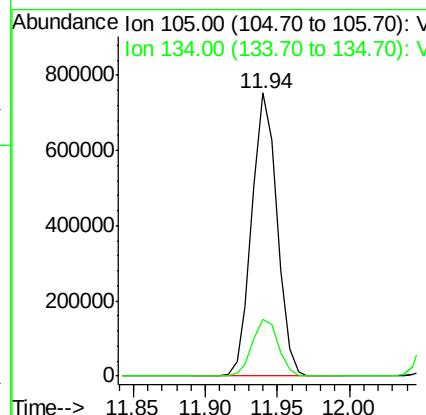
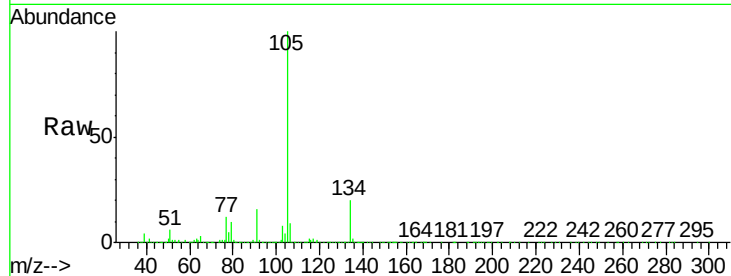
#85
 sec-Butylbenzene
 Concen: 49.838 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.4	31.2

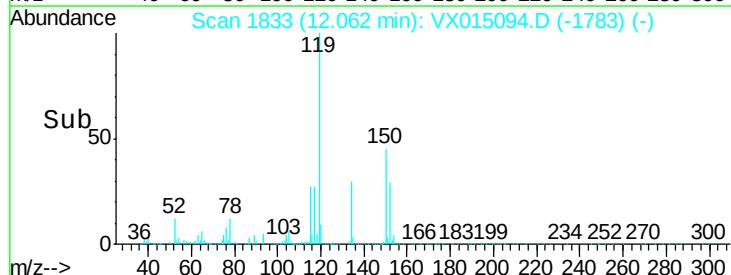
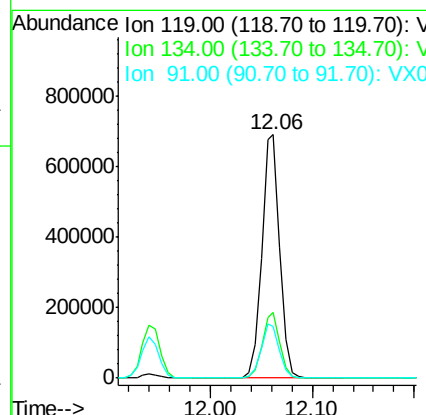
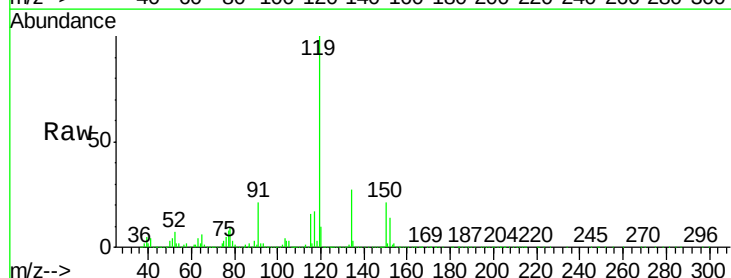
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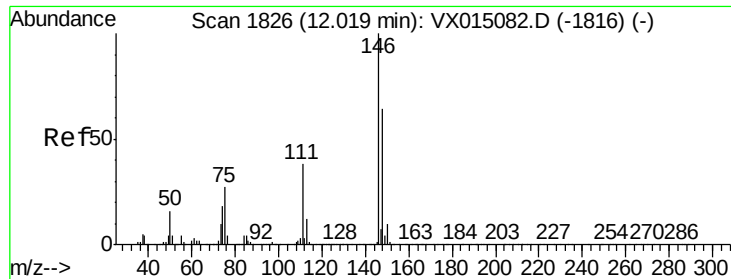
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 3/5/2020 12:32:12 PM



#86
 p-Isopropyltoluene
 Concen: 50.580 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.1
91	22.3	11.3	33.8





#87

1,3-Dichlorobenzene

Concen: 48.161 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

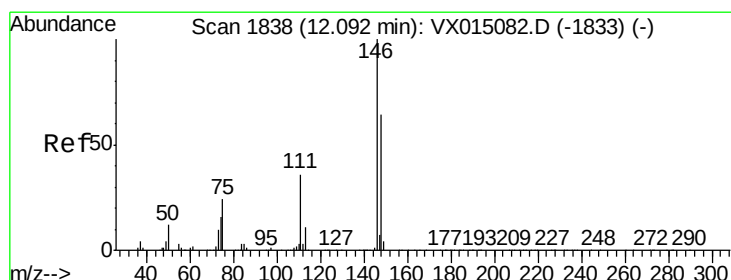
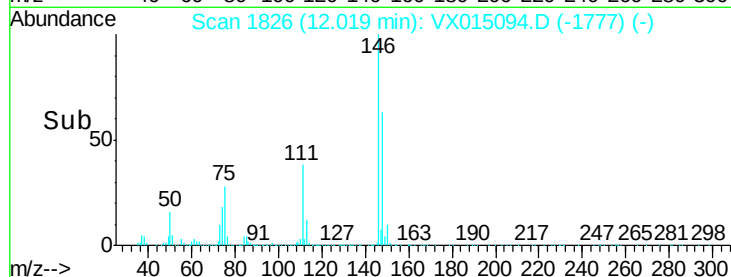
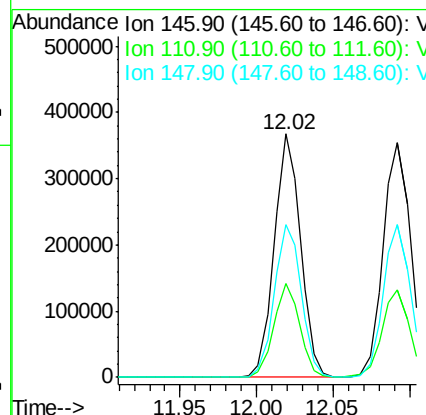
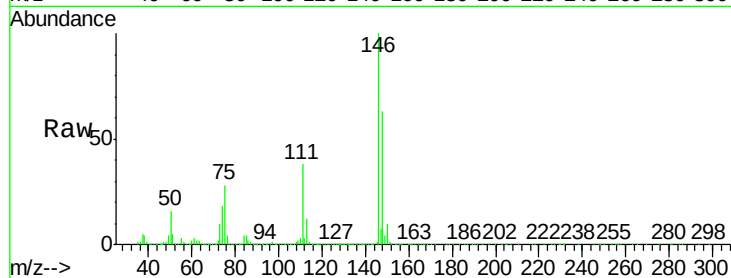
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	64.1	31.9	95.5

Manual Integrations
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3/5/2020 12:32:12 PM



#88

1,4-Dichlorobenzene

Concen: 46.574 ug/l

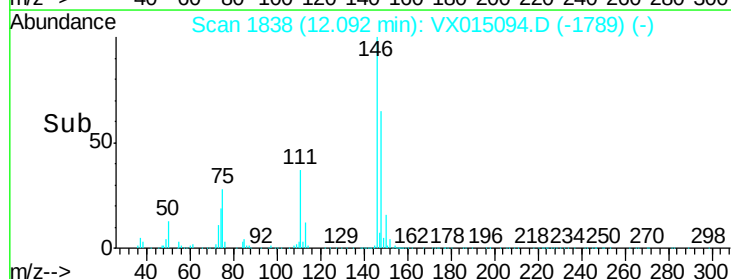
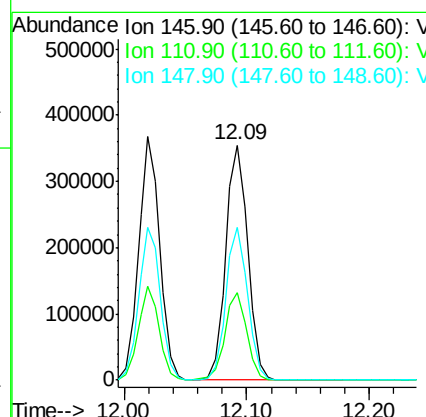
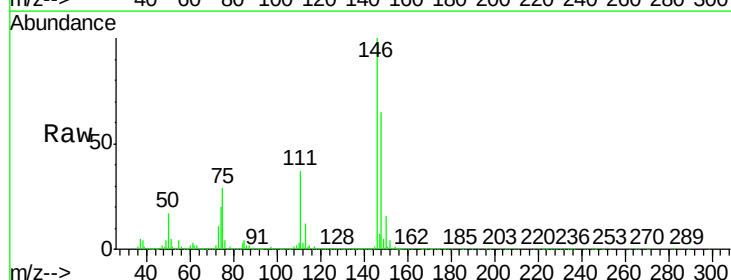
RT: 12.09 min Scan# 1838

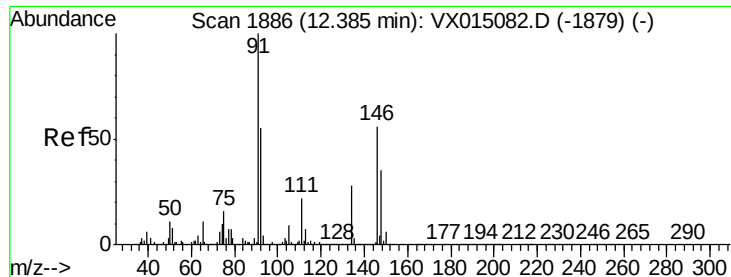
Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	64.1	32.5	97.4





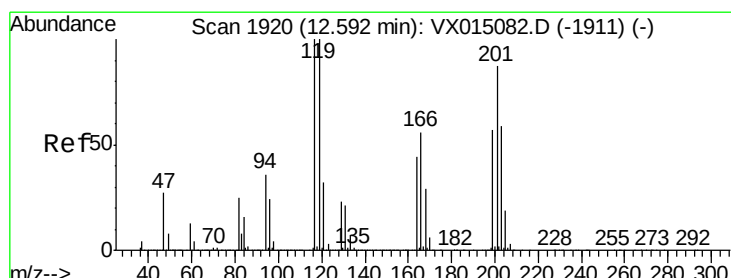
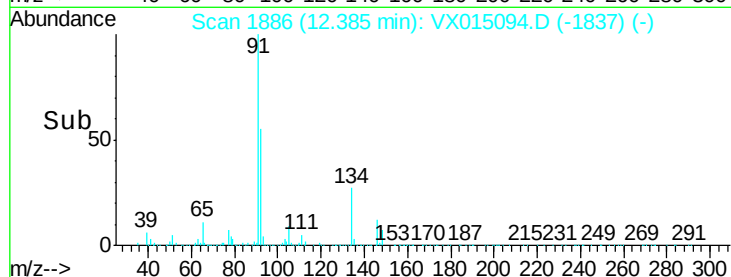
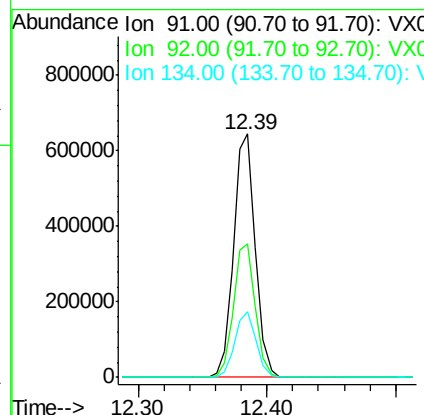
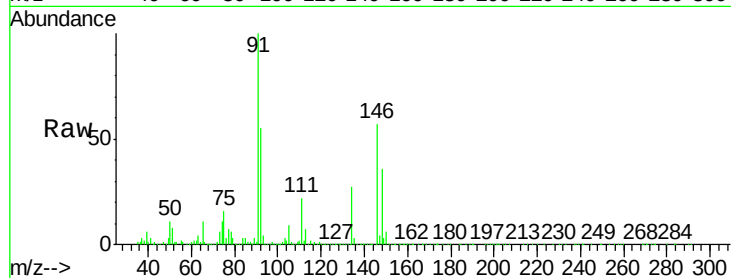
#89
n-Butylbenzene
Concen: 50.876 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	760595		
92	55.1	27.2	81.6	
134	26.5	13.5	40.5	

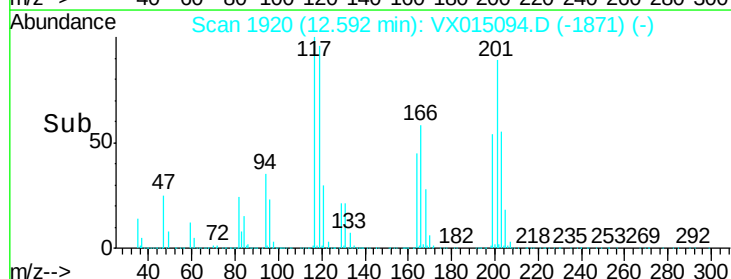
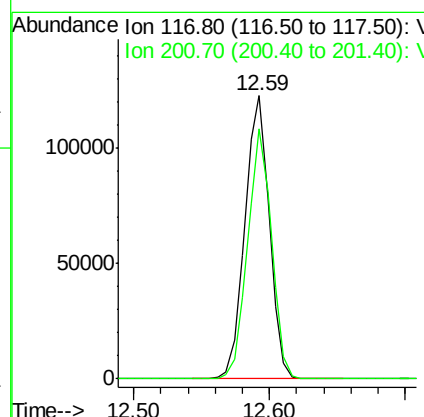
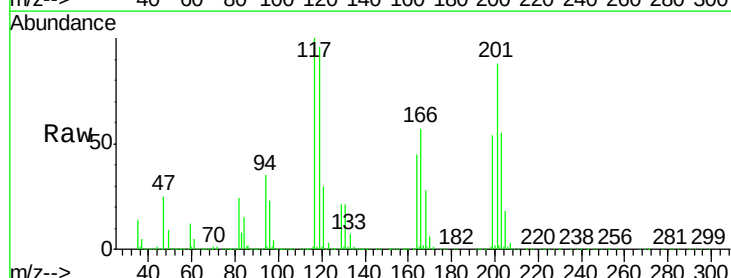
Manual Integrations
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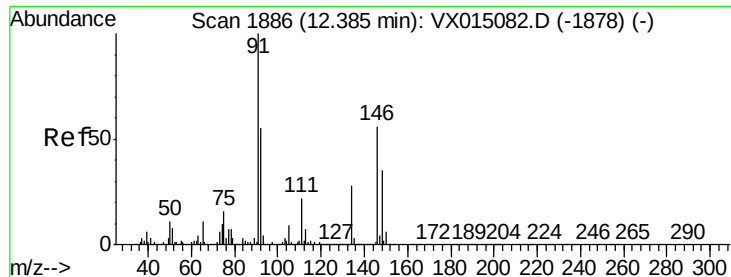
MMDadoda
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#90
Hexachloroethane
Concen: 48.179 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	153104		
201	86.5	43.5	130.7	





#91

1,2-Dichlorobenzene

Concen: 48.191 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

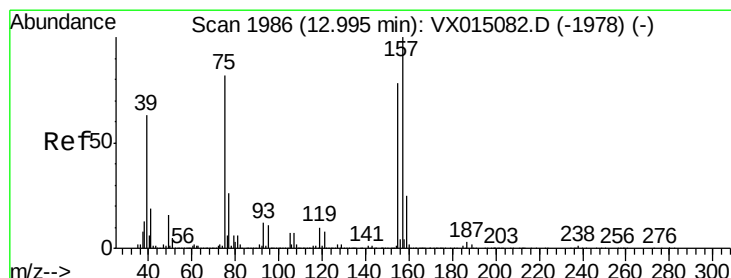
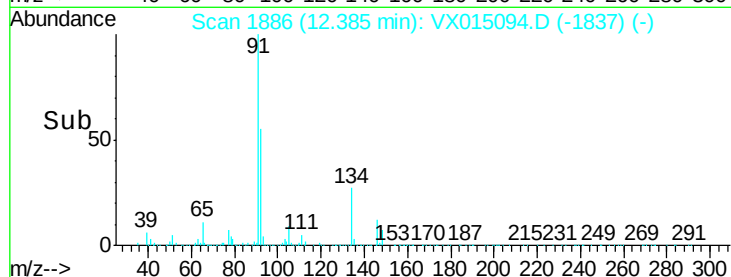
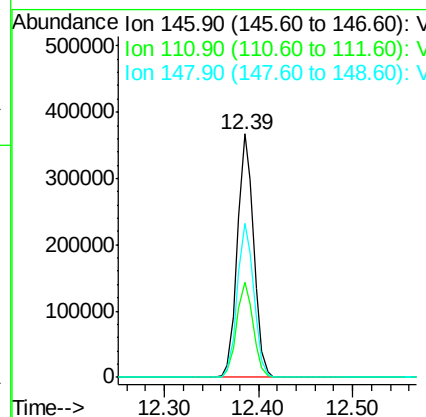
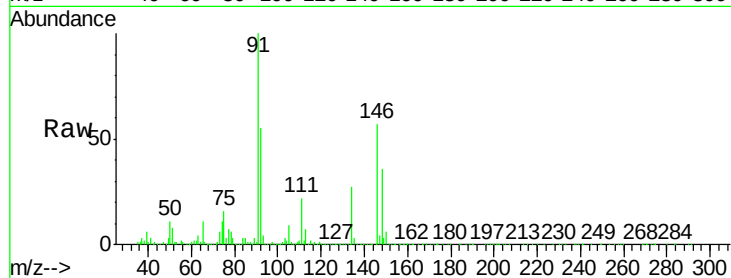
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	440732
Ion Ratio		Lower	Upper
146	100		
111	39.7	19.9	59.7
148	64.2	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.743 ug/l

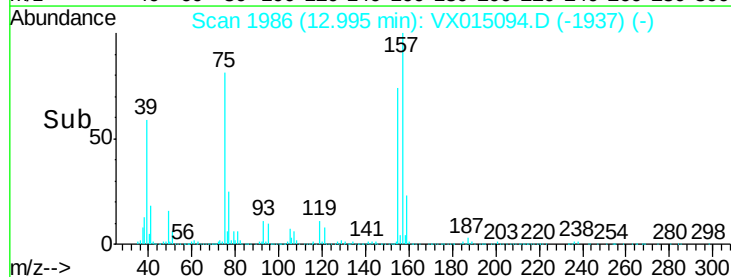
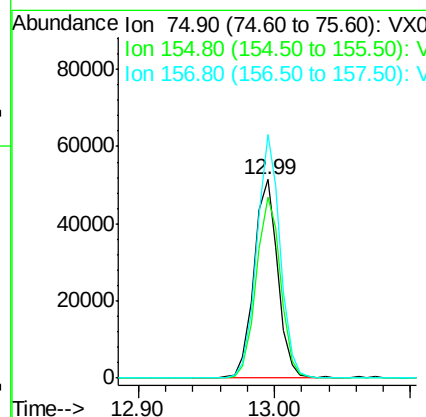
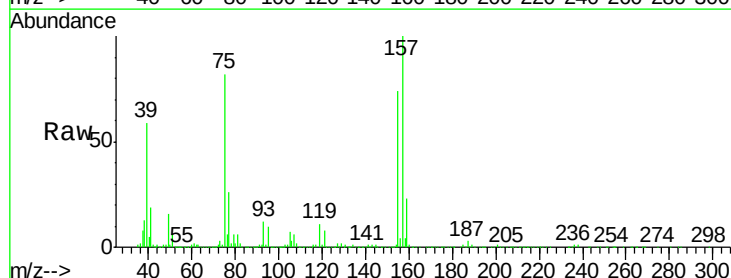
RT: 12.99 min Scan# 1986

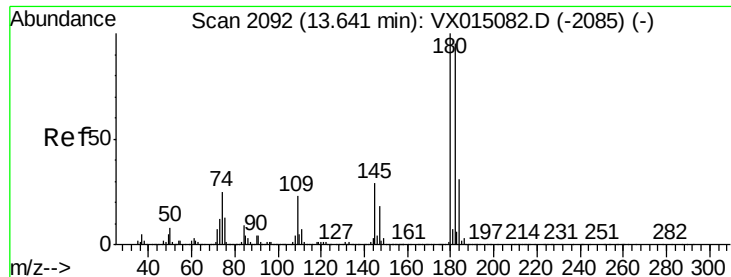
Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion:	75	Resp:	63582
Ion Ratio		Lower	Upper
75	100		
155	93.2	46.6	139.7
157	119.9	59.2	177.5





#93

1,2,4-Trichlorobenzene

Concen: 48.867 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

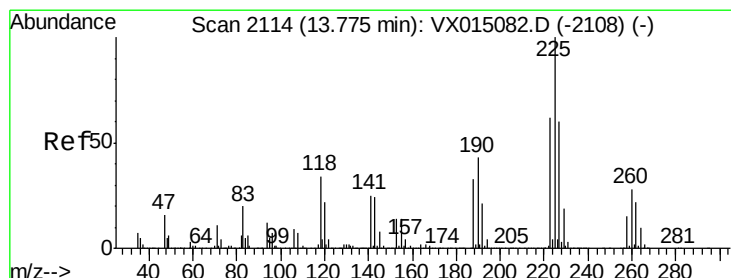
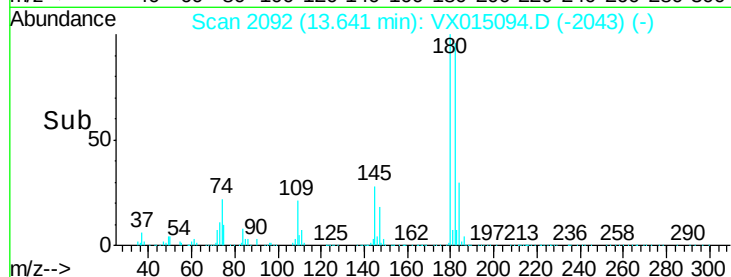
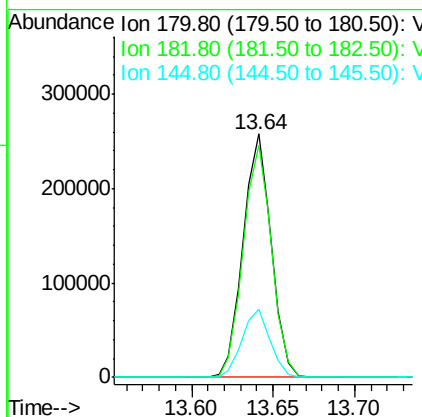
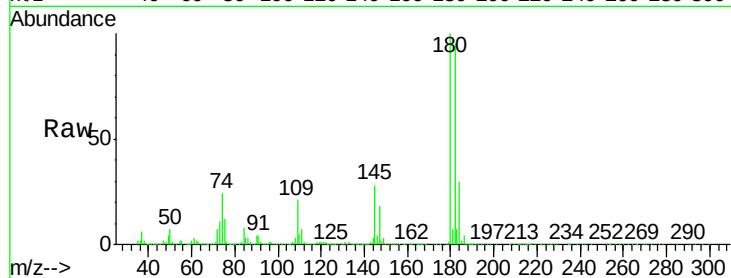
ClientSampled :

VSTDCCC050EC

Tot Ion:	180	Resp:	310221
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.6	142.8
145	28.0	14.1	42.2

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 44.877 ug/l

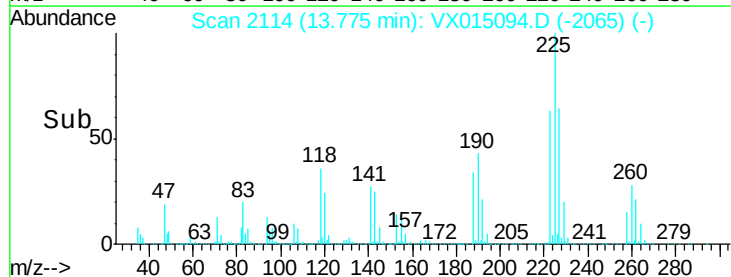
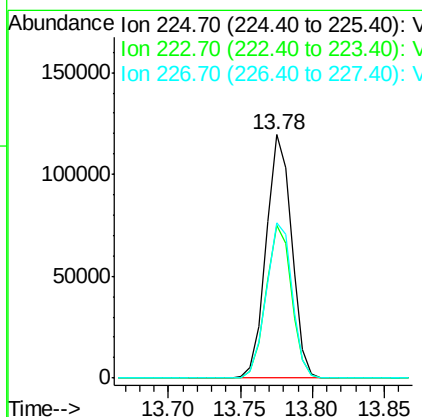
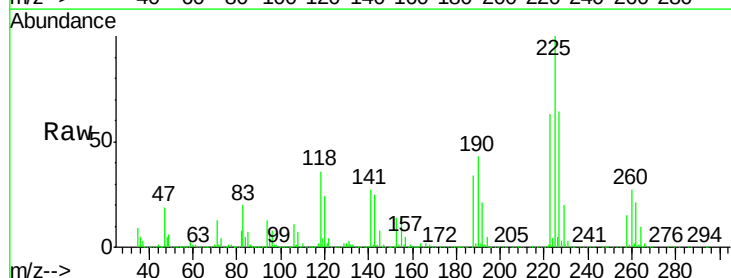
RT: 13.78 min Scan# 2114

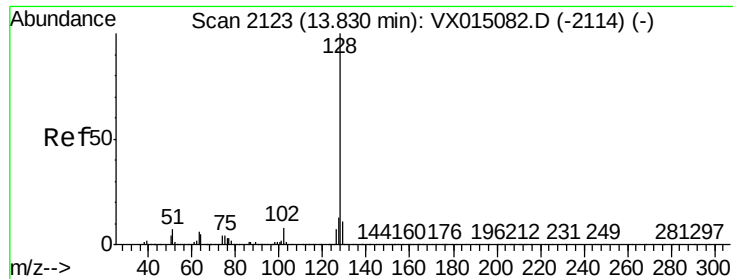
Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion:	225	Resp:	146190
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.3	93.9
227	64.7	31.1	93.2





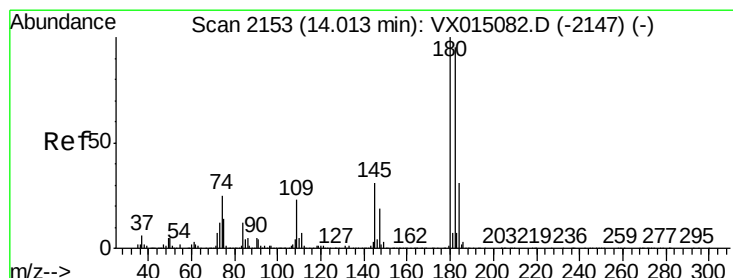
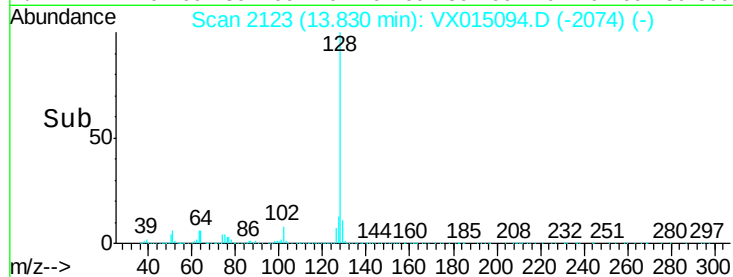
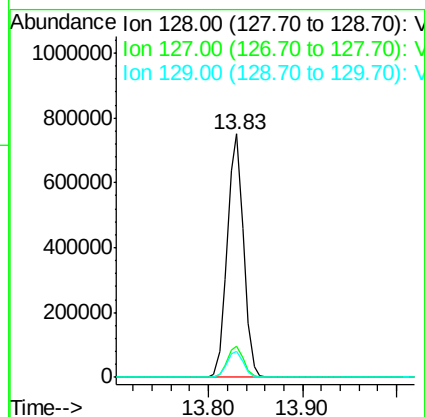
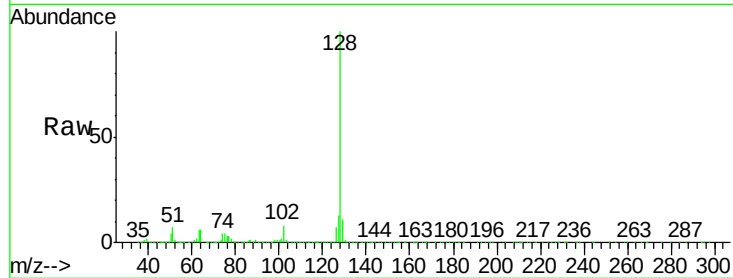
#95
Naphthalene
Concen: 46.298 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.890 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.8	143.4
145	29.4	15.1	45.3

