

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015876.D
 Acq On : 23 Apr 2020 05:51
 Operator : JC/SP
 Sample : L2380-13MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MSD

Manual Integrations
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MMDadoda
 4/23/2020 12:16:49 PM

Quant Time: Apr 23 08:20:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	956726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1490195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1431038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	716889	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	585268	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery =	107.58%		
35) Dibromofluoromethane	5.47	113	462701	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery =	107.58%		
50) Toluene-d8	8.70	98	1760112	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.66%		
62) 4-Bromofluorobenzene	11.12	95	707407	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.60%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	446814	54.560	ug/l	99
3) Chloromethane	1.31	50	426862	50.894	ug/l	98
4) Vinyl Chloride	1.39	62	478395	49.278	ug/l	100
5) Bromomethane	1.62	94	167358	51.400	ug/l	97
6) Chloroethane	1.71	64	285199	51.553	ug/l	100
7) Trichlorofluoromethane	1.92	101	627346	52.084	ug/l	97
8) Diethyl Ether	2.17	74	252863	51.768	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	402866	49.306	ug/l	99
10) Methyl Iodide	2.49	142	409755	40.591	ug/l	99
11) Tert butyl alcohol	3.01	59	596968	268.510	ug/l	100
12) 1,1-Dichloroethene	2.36	96	417252	49.793	ug/l	99
13) Acrolein	2.27	56	236535	179.806	ug/l #	70
14) Allyl chloride	2.71	41	872285	48.986	ug/l	99
15) Acrylonitrile	3.12	53	1404717	272.205	ug/l	98
16) Acetone	2.42	43	1185070	250.119	ug/l	97
17) Carbon Disulfide	2.55	76	1177152	38.683	ug/l	99
18) Methyl Acetate	2.75	43	745784	47.679	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	2108310	71.268	ug/l #	51
20) Methylene Chloride	2.84	84	480159	49.920	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	465729	50.092	ug/l	95
22) Diisopropyl ether	3.83	45	1678374	52.294	ug/l	94
23) Vinyl Acetate	3.79	43	6615042	249.031	ug/l	99
24) 1,1-Dichloroethane	3.67	63	874331	52.267	ug/l	99
25) 2-Butanone	4.64	43	1946062	259.860	ug/l	98
26) 2,2-Dichloropropane	4.56	77	526380	35.226	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	539565	51.118	ug/l	98
28) Bromochloromethane	4.98	49	398419	45.390	ug/l #	97
29) Tetrahydrofuran	5.09	42	1284450	259.307	ug/l	100
30) Chloroform	5.18	83	929700	55.238	ug/l	97
31) Cyclohexane	5.55	56	1811578	113.951	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	773971	51.576	ug/l	99
36) 1,1-Dichloropropene	5.78	75	652735	49.409	ug/l	98
37) Ethyl Acetate	4.79	43	780103	49.617	ug/l	99
38) Carbon Tetrachloride	5.76	117	661184	50.810	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	2179444	130.274	ug/l	98
40) Benzene	6.12	78	8724318	219.264	ug/l	98
41) Methacrylonitrile	5.01	41	455094	52.090	ug/l	98
42) 1,2-Dichloroethane	6.17	62	767468	53.564	ug/l	96
43) Isopropyl Acetate	6.42	43	1344961	50.712	ug/l	99
44) Trichloroethene	7.19	130	642979	45.983	ug/l	96
45) 1,2-Dichloropropane	7.50	63	539753	51.763	ug/l	100
46) Dibromomethane	7.64	93	355674	46.726	ug/l #	90
47) Bromodichloromethane	7.88	83	683705	50.490	ug/l	98
48) Methyl methacrylate	7.75	41	821597	62.978	ug/l #	89
49) 1,4-Dioxane	7.72	88	223232	905.414	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	3948163	257.907	ug/l	99
52) Toluene	8.77	92	1334231	52.315	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	800161	47.624	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	830656	46.777	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	498002	50.006	ug/l	99
56) Ethyl methacrylate	9.16	69	926706	54.937	ug/l	91
57) 1,3-Dichloropropane	9.36	76	869822	50.262	ug/l	100
59) 2-Hexanone	9.48	43	2927701	251.044	ug/l	98
60) Dibromochloromethane	9.57	129	554801	53.946	ug/l	97
61) 1,2-Dibromoethane	9.65	107	545052	49.521	ug/l	98
64) Tetrachloroethene	9.32	164	775435	40.201	ug/l	97
65) Chlorobenzene	10.12	112	1386090	48.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	525164	49.096	ug/l	97
67) Ethyl Benzene	10.23	91	18735889m	372.836	ug/l	
68) m/p-Xylenes	10.35	106	8068551	427.761	ug/l	79
69) o-Xylene	10.68	106	5535303	298.214	ug/l	92
70) Stvrene	10.70	104	1764676	54.907	ug/l #	56
71) Bromoform	10.84	173	387117	55.538	ug/l #	98
73) Isopropylbenzene	11.00	105	14838910	325.918	ug/l	77
74) N-amyl acetate	10.88	43	1142487	48.607	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	553620	57.456	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	647759m	47.517	ug/l	
77) Bromobenzene	11.24	156	621424	49.953	ug/l	97
78) n-propylbenzene	11.34	91	15933705	305.499	ug/l #	65
79) 2-Chlorotoluene	11.41	91	1827173	58.321	ug/l	93
80) 1,3,5-Trimethylbenzene	11.49	105	10498451	270.423	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.06	75	223859	39.502	ug/l	98
82) 4-Chlorotoluene	11.49	91	2770023	74.405	ug/l	81
83) tert-Butylbenzene	11.76	119	1844398	53.559	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	17125127m	424.890	ug/l	
85) sec-Butylbenzene	11.93	105	3329677	73.348	ug/l	86
86) p-Isopropyltoluene	12.05	119	2470621	58.203	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1106238	48.443	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	1115318	48.791	ug/l	97
89) n-Butylbenzene	12.37	91	3195768	84.206	ug/l #	69
90) Hexachloroethane	12.58	117	623251	138.987	ug/l #	50
91) 1,2-Dichlorobenzene	12.38	146	1044432	48.222	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	227820	79.728	ug/l	66
93) 1,2,4-Trichlorobenzene	13.63	180	849023	49.752	ug/l #	90

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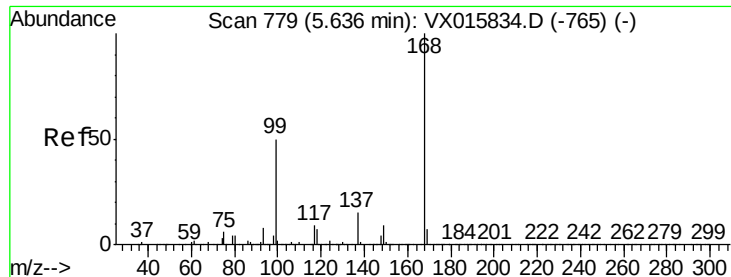
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	335381	43.832	ug/l	100
95) Naphthalene	13.82	128	12968530	264.140	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.01	180	811015	48.712	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015876.D

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Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion:168 Resp: 956726

Ion Ratio Lower Upper

168 100

99 52.6

40.3

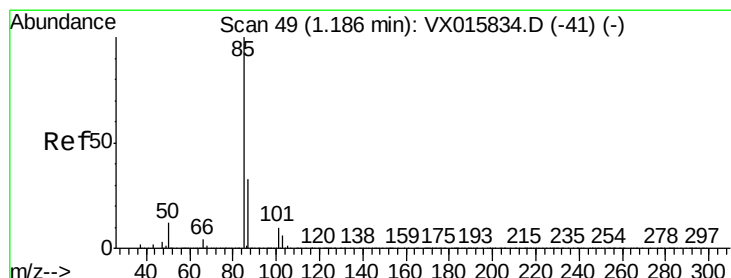
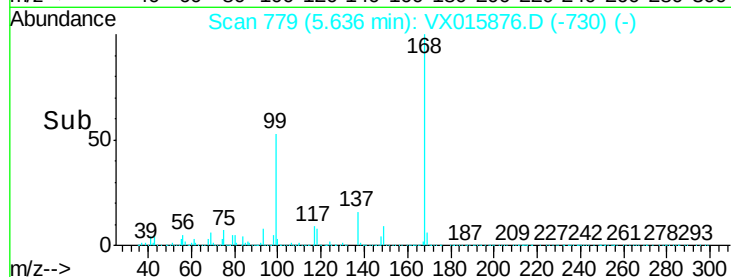
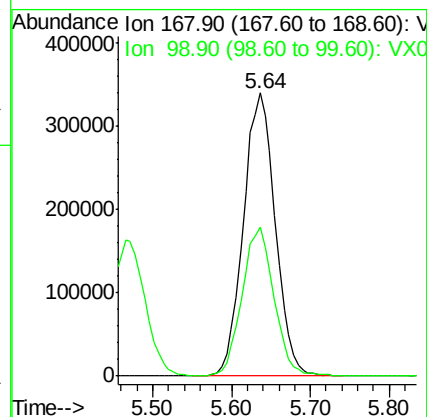
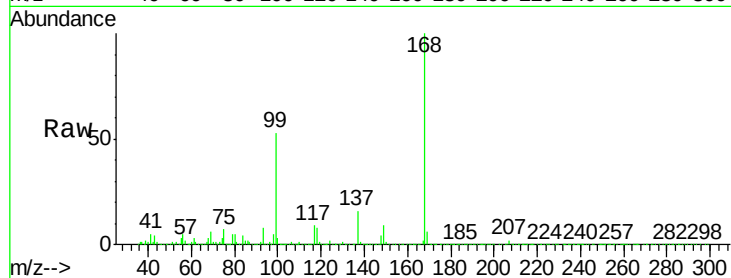
60.5

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#2

Dichlorodifluoromethane

Concen: 54.560 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Tgt Ion: 85 Resp: 446814

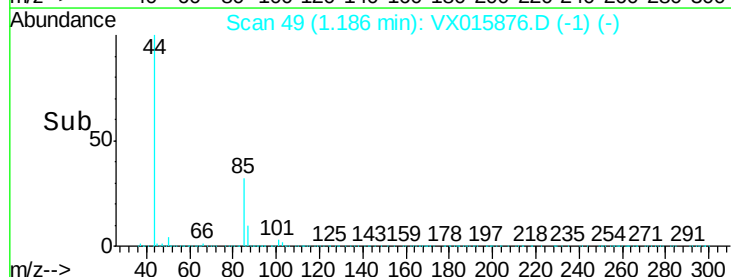
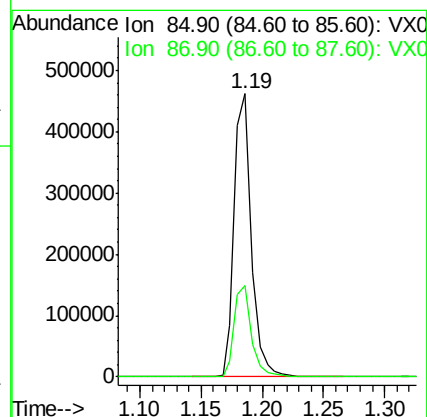
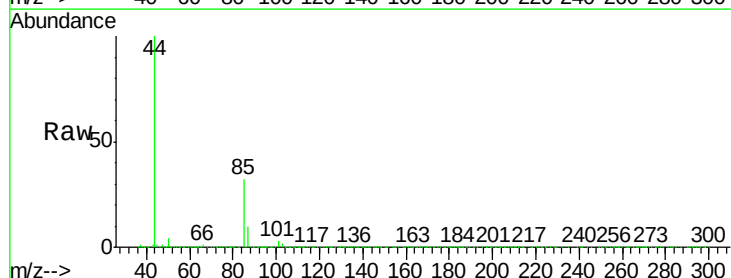
Ion Ratio Lower Upper

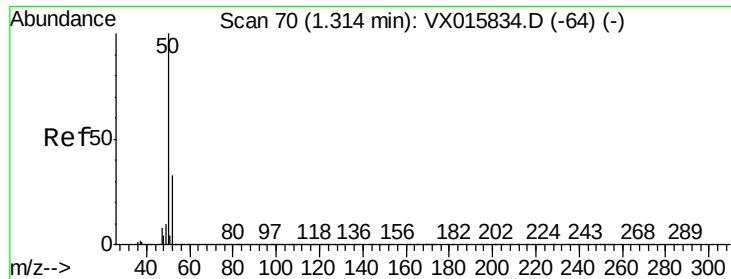
85 100

87 32.1

16.4

49.2





#3

Chloromethane

Concen: 50.894 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion: 50 Resp: 426862

Ion Ratio Lower Upper

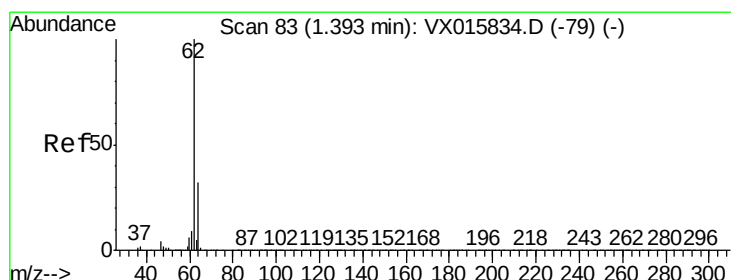
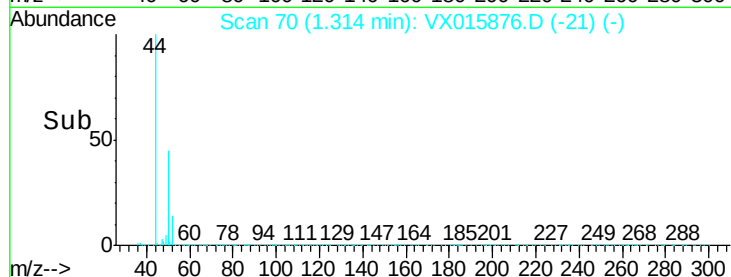
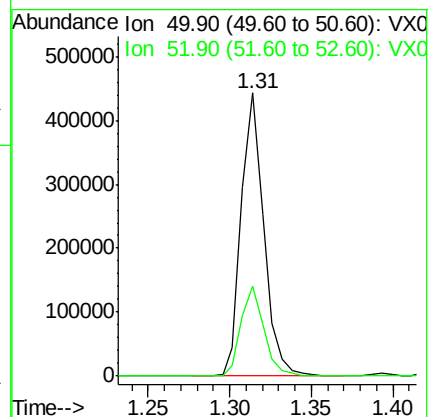
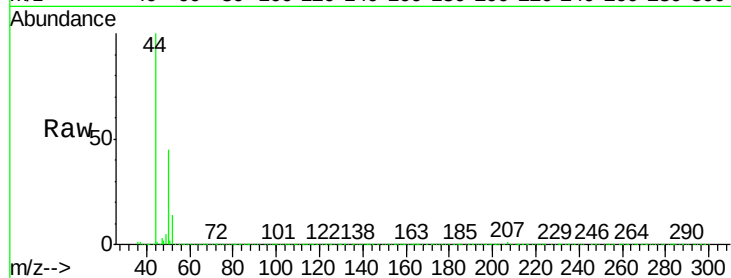
50 100

52 31.7 26.2 39.4

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#4

Vinyl Chloride

Concen: 49.278 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015876.D

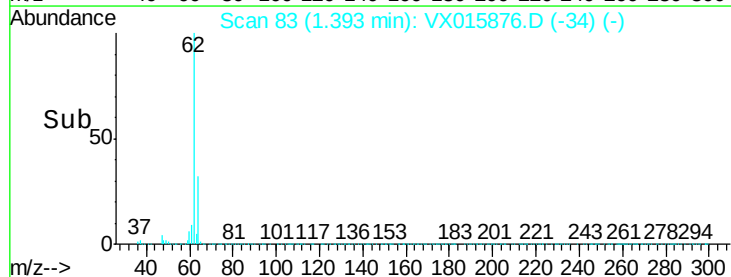
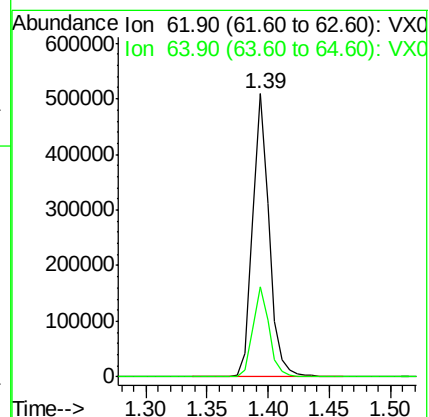
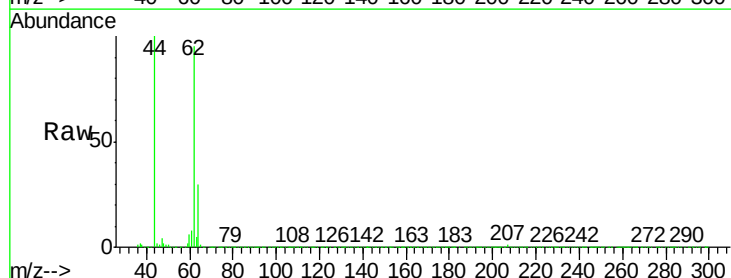
Acq: 23 Apr 2020 05:51

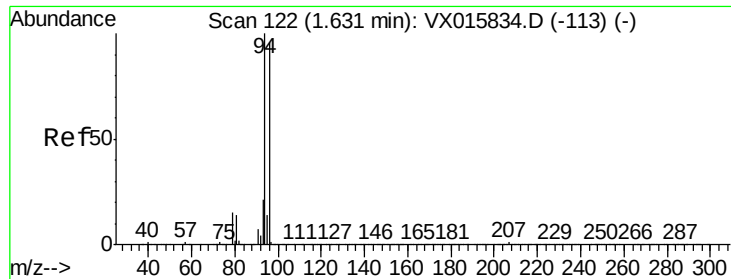
Tgt Ion: 62 Resp: 478395

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





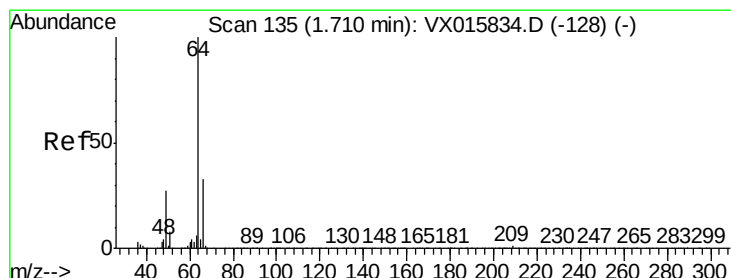
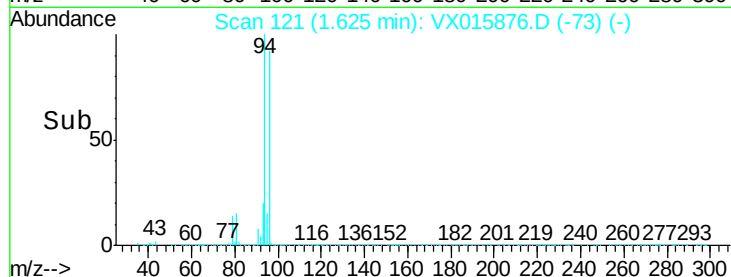
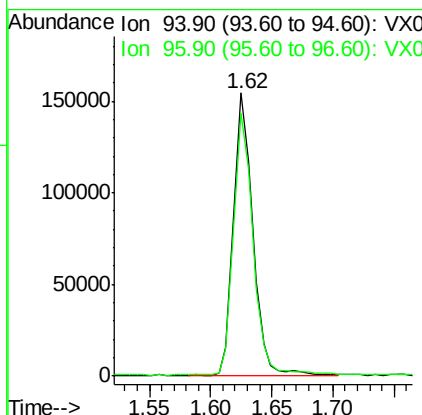
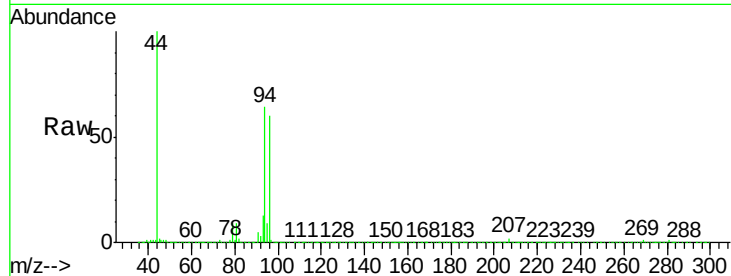
#5
Bromomethane
Concen: 51.400 ug/l
RT: 1.62 min Scan# 121
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
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Tot Ion: 94 Resp: 167358
Ion Ratio Lower Upper
94 100
96 92.6 76.7 115.1

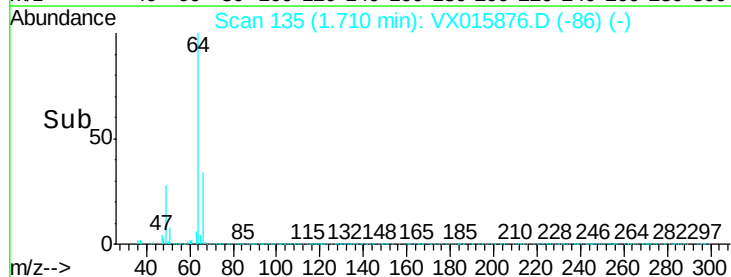
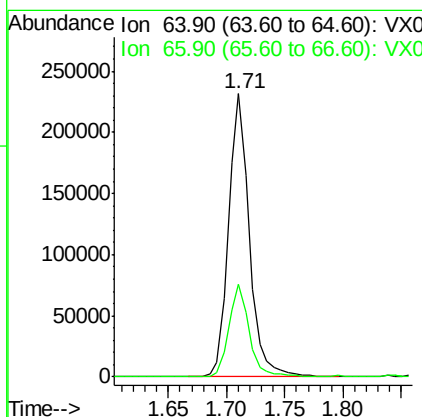
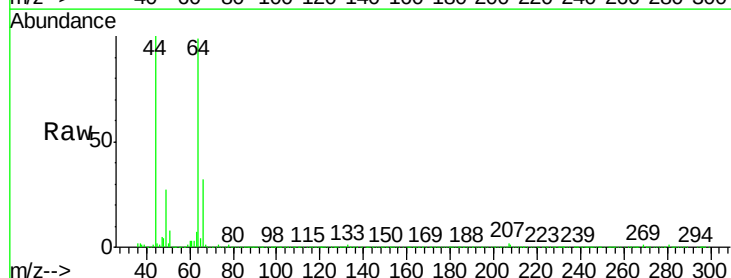
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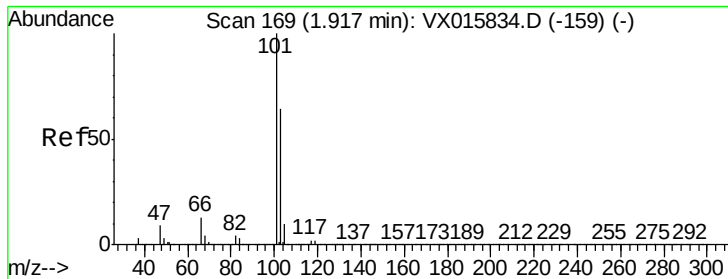
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#6
Chloroethane
Concen: 51.553 ug/l
RT: 1.71 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion: 64 Resp: 285199
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.2





#7

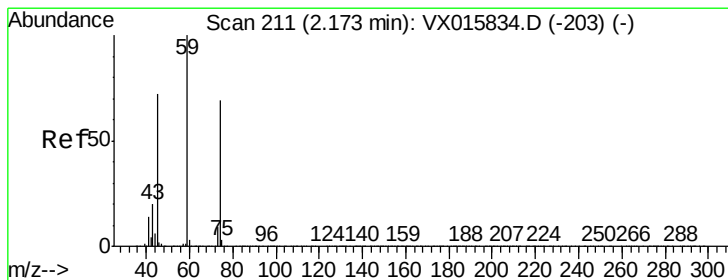
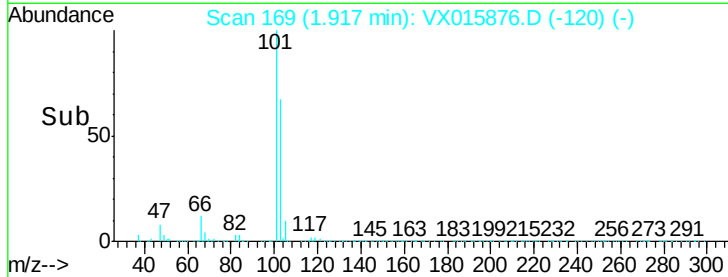
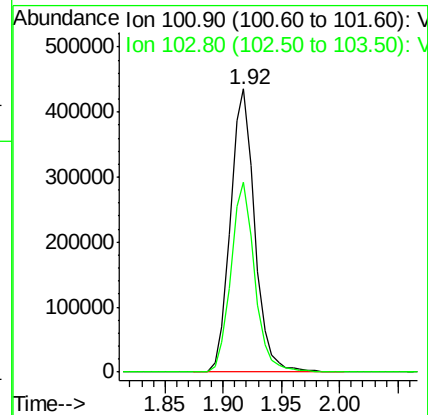
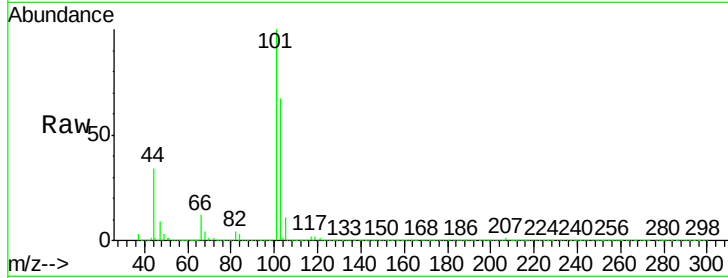
Trichlorofluoromethane
Concen: 52.084 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015876.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	627346		
103	66.7	51.4	77.0	

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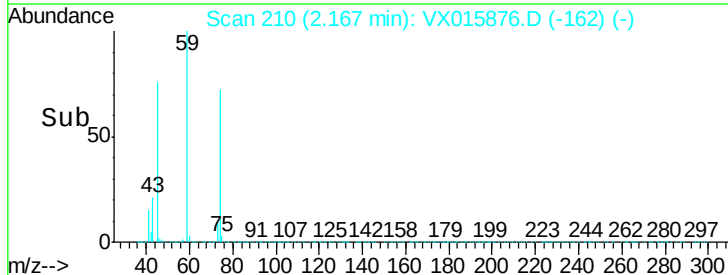
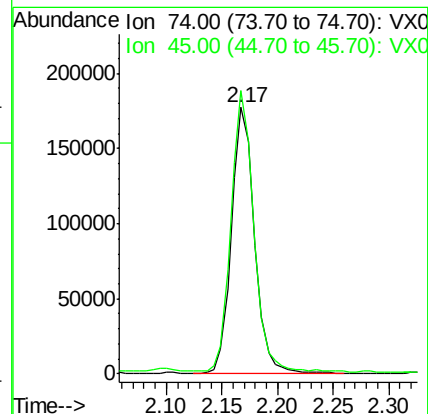
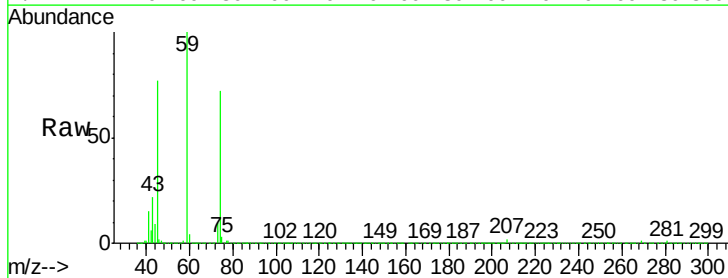
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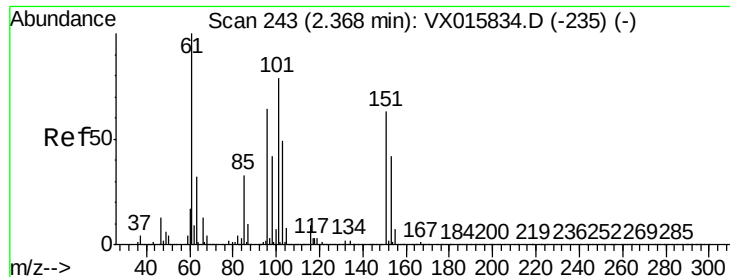


#8

Diethyl Ether
Concen: 51.768 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	252863		
45	103.8	53.8	161.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.306 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015876.D

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Instrument :

MSVOA_X

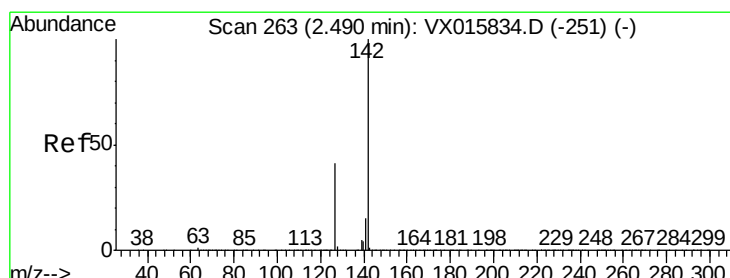
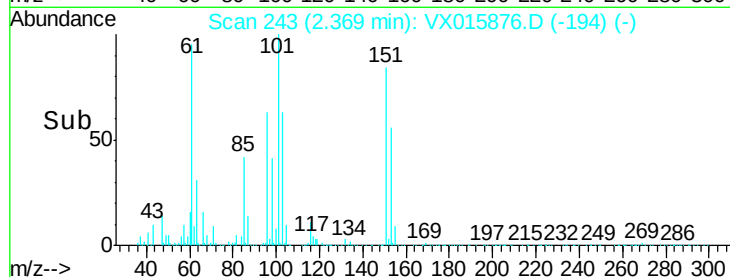
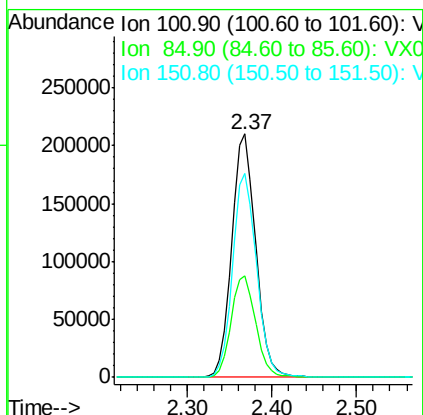
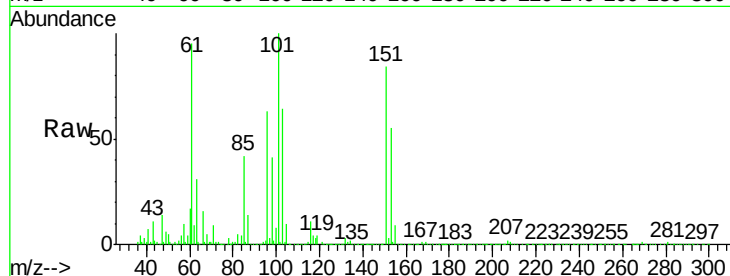
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Tot Ion:	101	Resp:	402866
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.8	50.6
151	84.1	67.8	101.6

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#10

Methyl Iodide

Concen: 40.591 ug/l

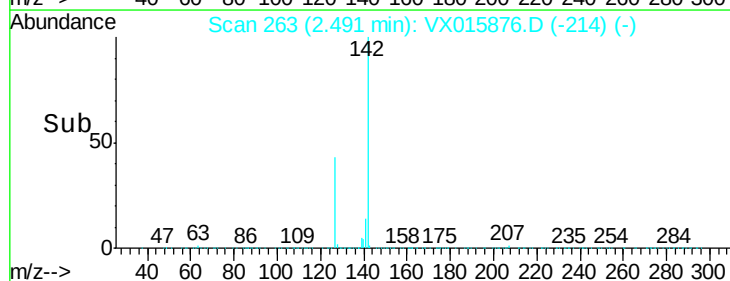
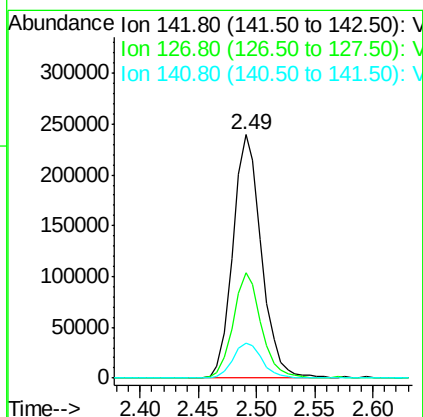
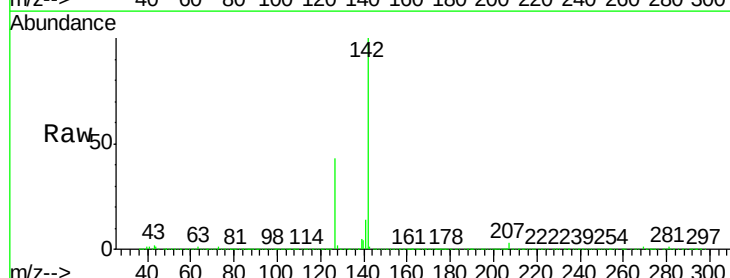
RT: 2.49 min Scan# 263

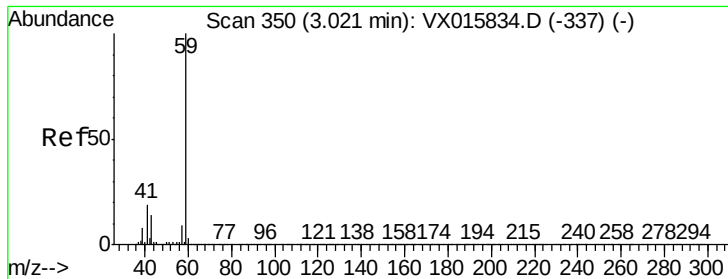
Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Tgt Ion:	142	Resp:	409755
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.3	49.9
141	14.6	11.8	17.6





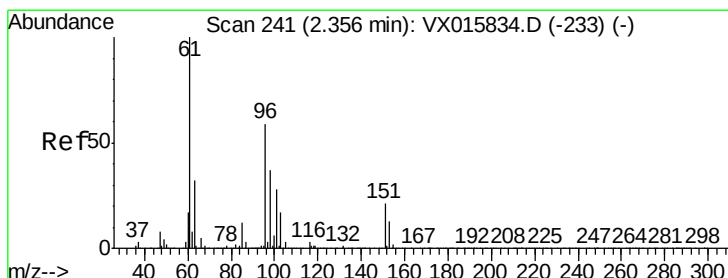
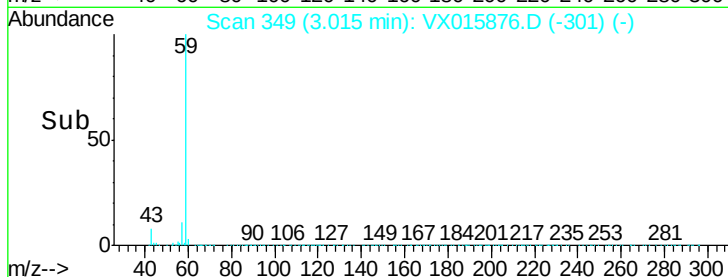
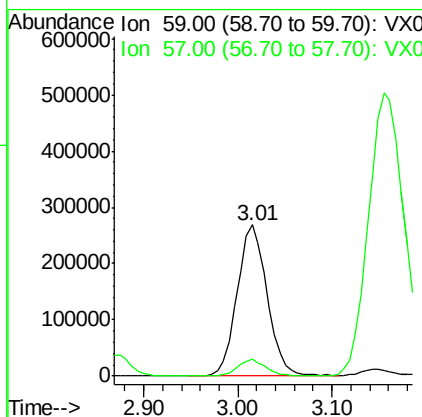
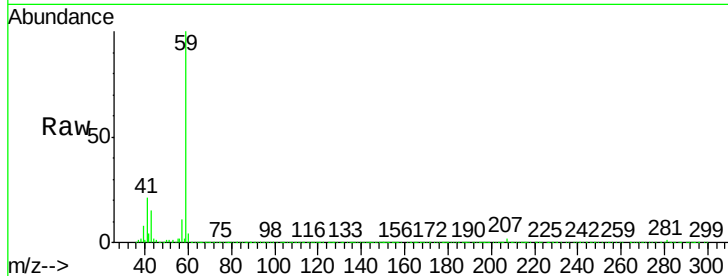
#11
Tert butyl alcohol
Concen: 268.510 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

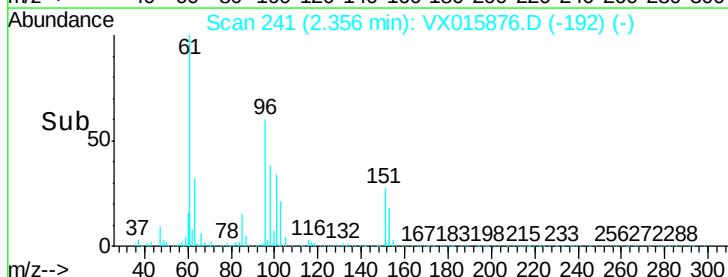
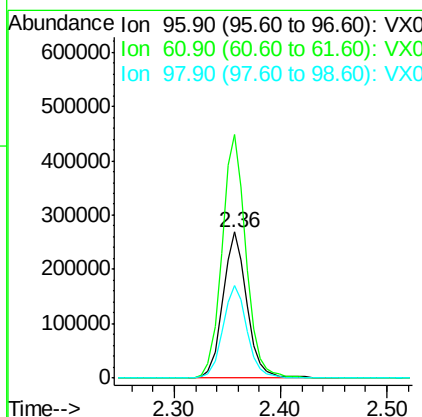
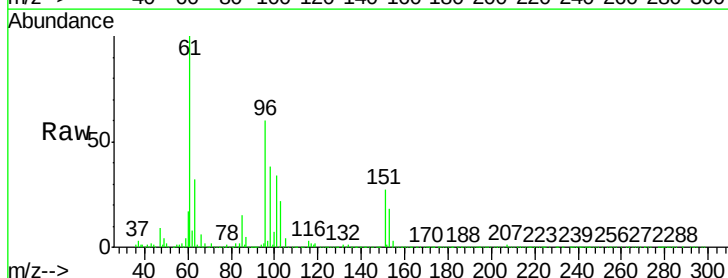
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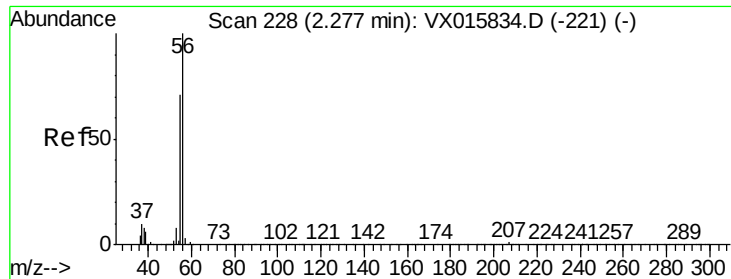
MMDadoda
4/23/2020 12:16:49 PM



#12
1,1-Dichloroethene
Concen: 49.793 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.3	135.0	202.6
98	63.6	50.6	76.0





#13

Acrolein

Concen: 179.806 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

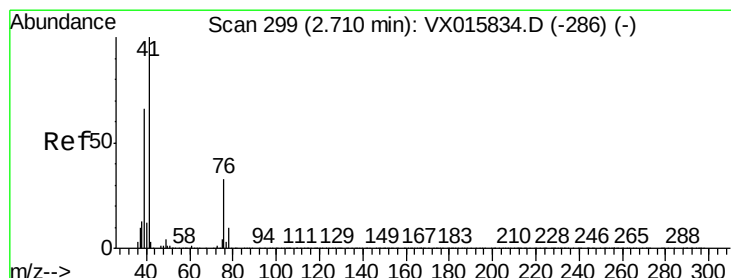
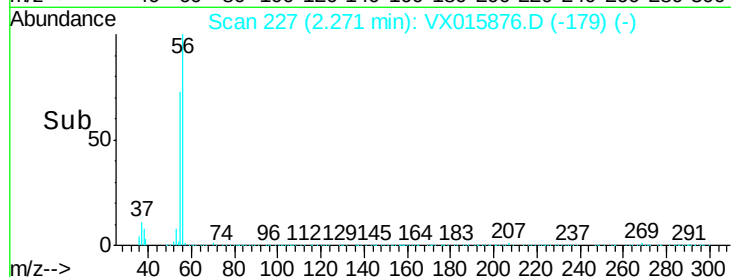
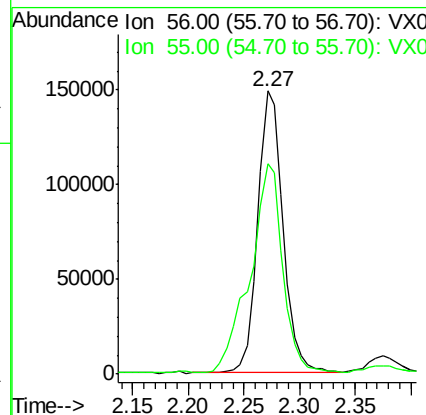
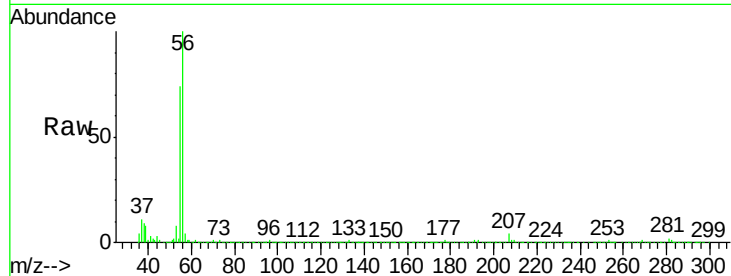
Tot Ion: 56 Resp: 236535
Ion Ratio Lower Upper

56 100

55 94.9 56.1 84.1#

Manual Integrations
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#14

Allyl chloride

Concen: 48.986 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015876.D

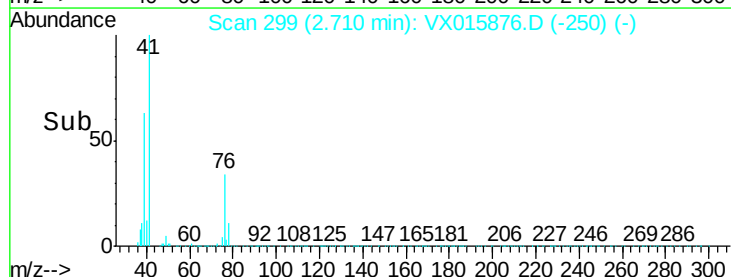
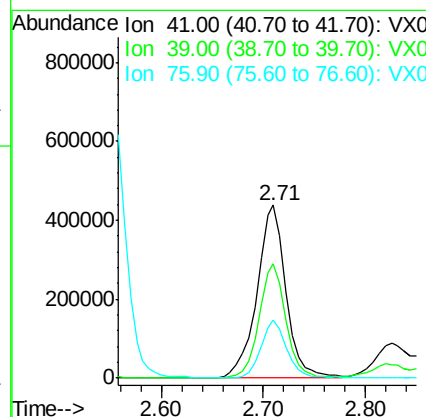
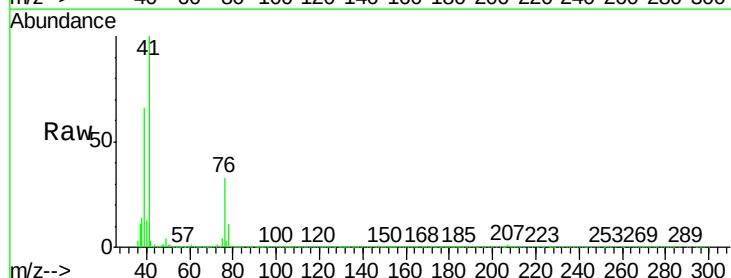
Acq: 23 Apr 2020 05:51

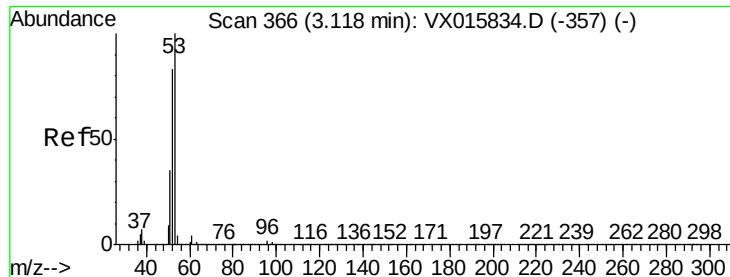
Tgt Ion: 41 Resp: 872285
Ion Ratio Lower Upper

41 100

39 60.8 48.4 72.6

76 29.4 23.8 35.8





#15

Acrylonitrile

Concen: 272.205 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

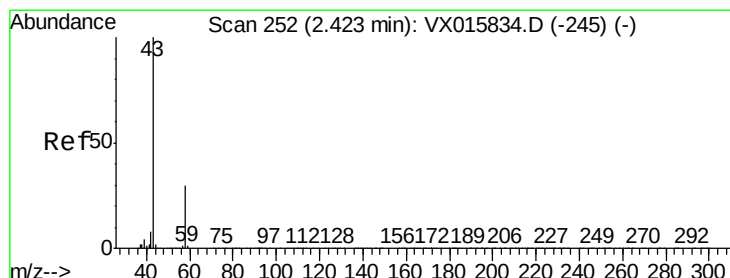
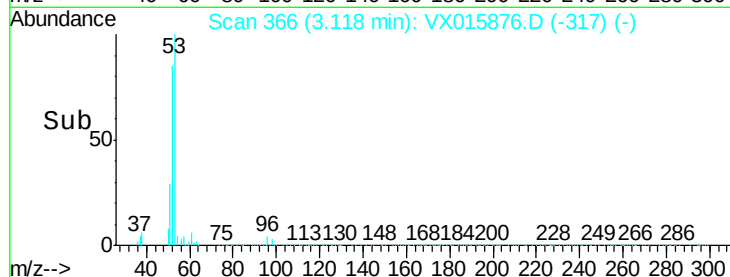
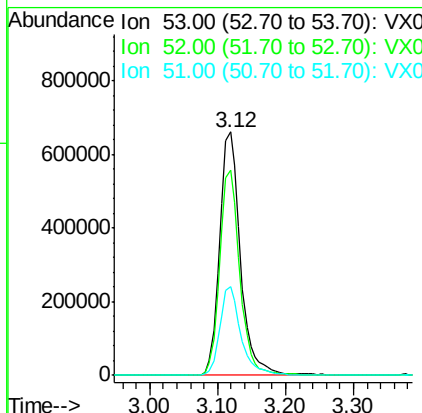
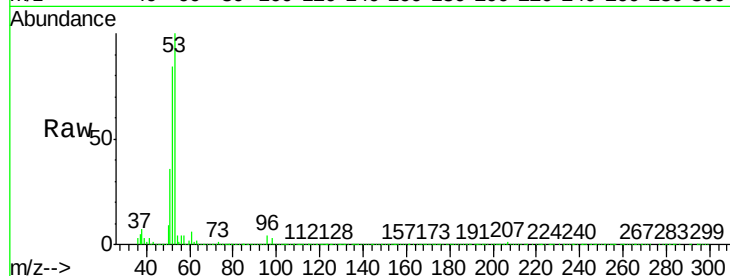
ClientSampleId :

KY001MW079-200421MSD

Tot Ion:	53	Resp:	1404717
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.2	99.4
51	36.6	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 250.119 ug/l

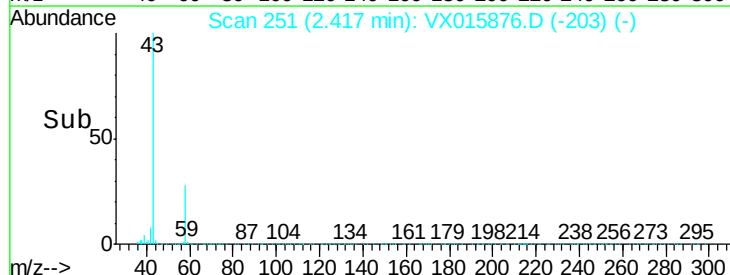
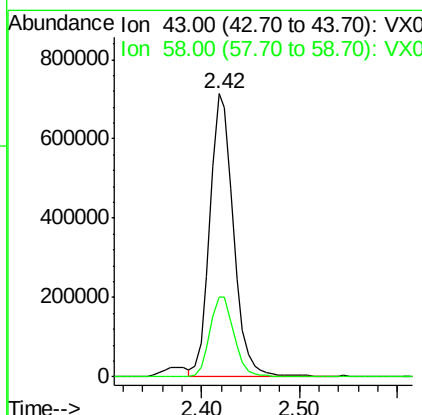
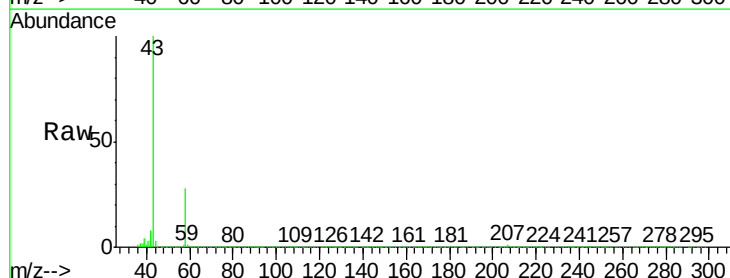
RT: 2.42 min Scan# 251

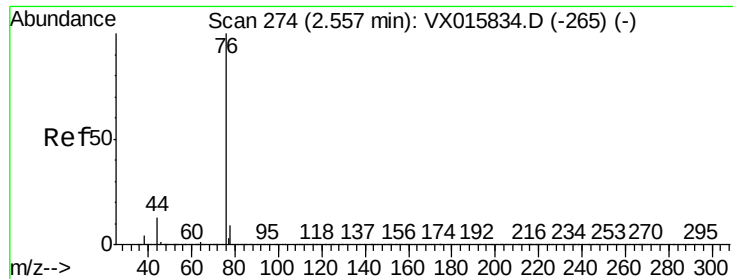
Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Tgt Ion:	43	Resp:	1185070
Ion	Ratio	Lower	Upper
43	100		
58	28.3	24.0	36.0





#17

Carbon Disulfide

Concen: 38.683 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion: 76 Resp: 1177152

Ion Ratio Lower Upper

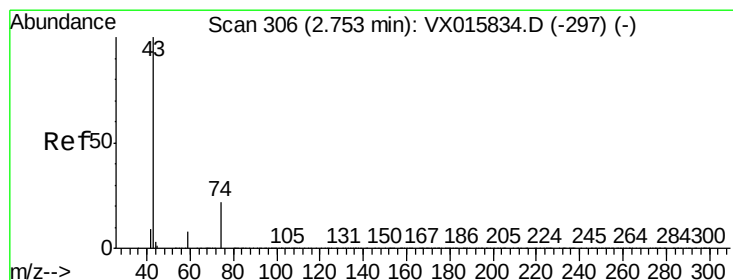
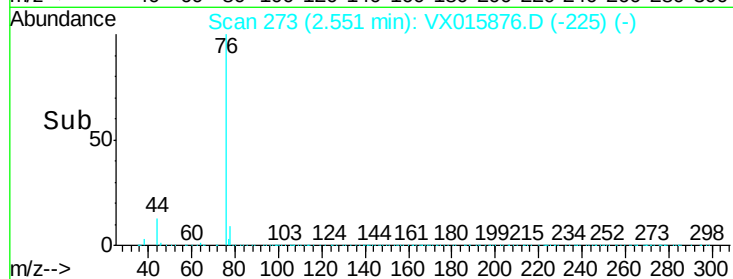
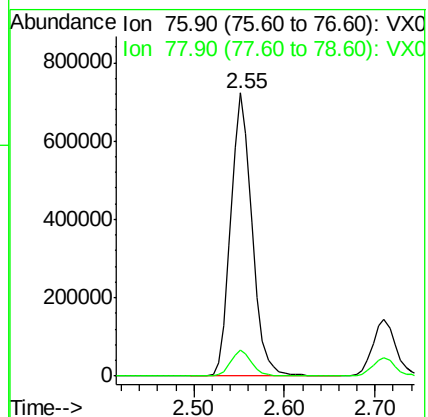
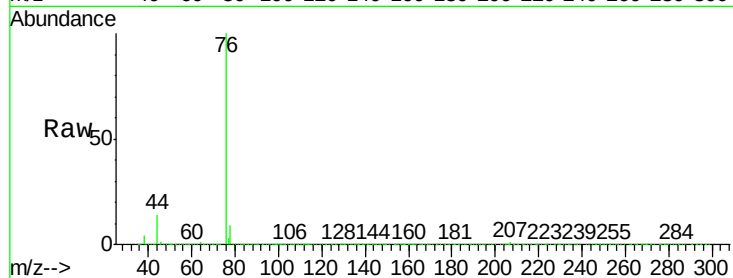
76 100

78 9.1 7.4 11.2

Manual Integrations
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#18

Methyl Acetate

Concen: 47.679 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015876.D

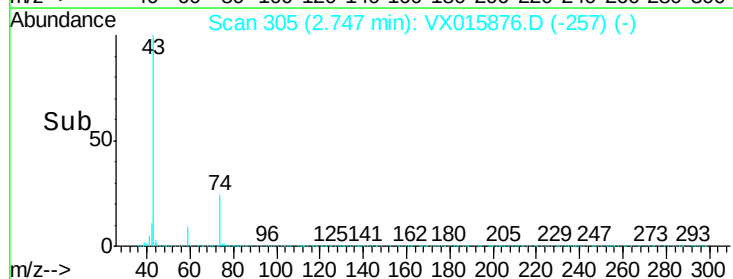
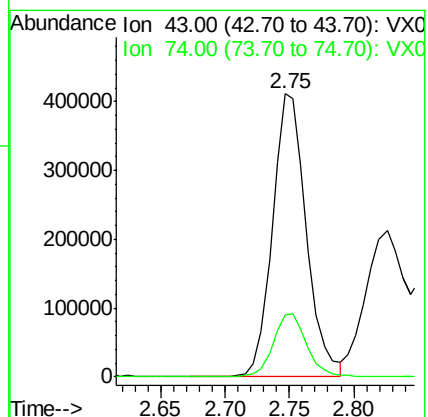
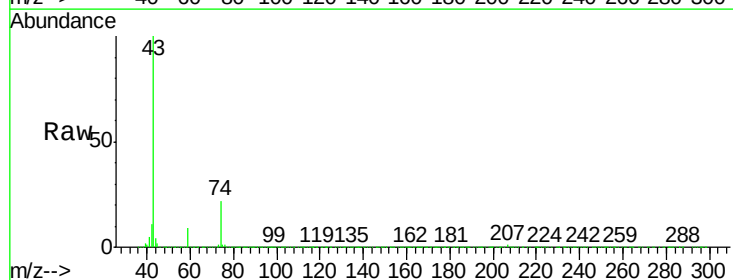
Acq: 23 Apr 2020 05:51

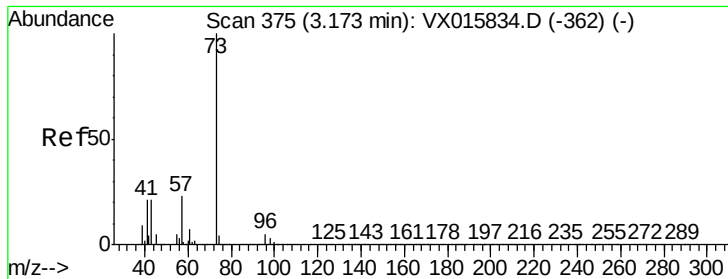
Tgt Ion: 43 Resp: 745784

Ion Ratio Lower Upper

43 100

74 22.3 17.9 26.9





#19

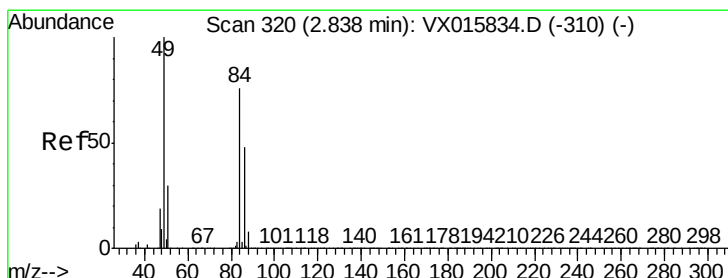
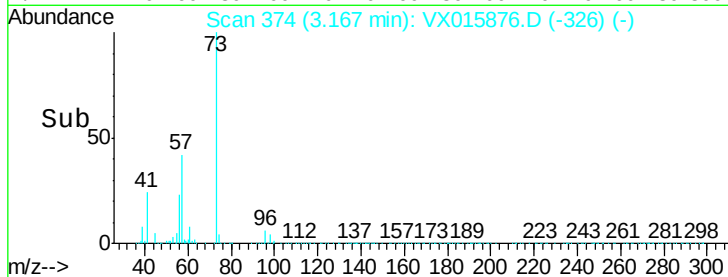
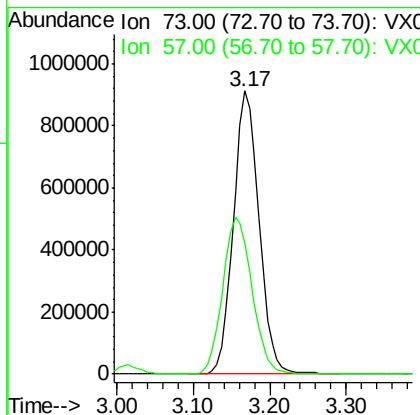
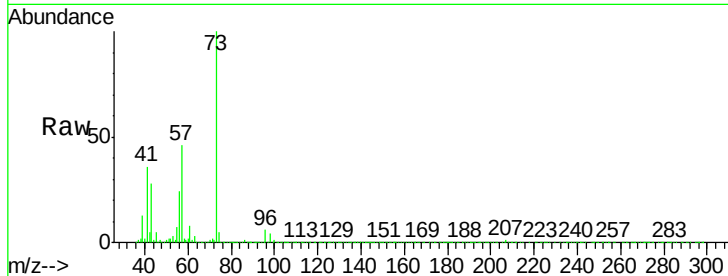
Methyl tert-butyl Ether
 Concen: 71.268 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	46.3	18.1	27.1#

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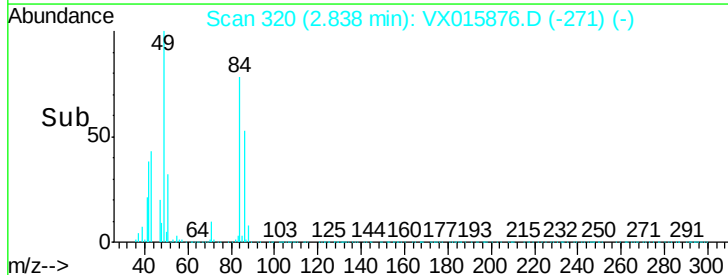
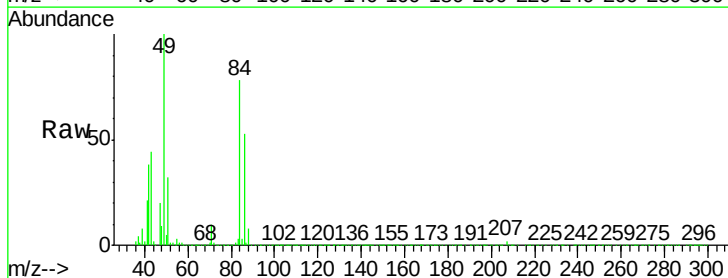
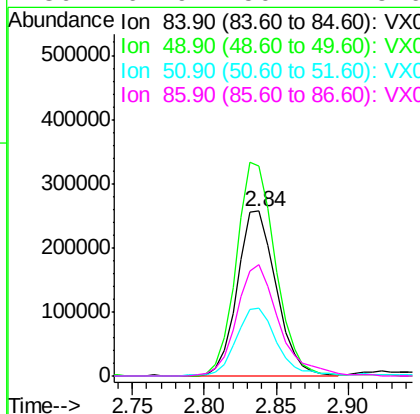
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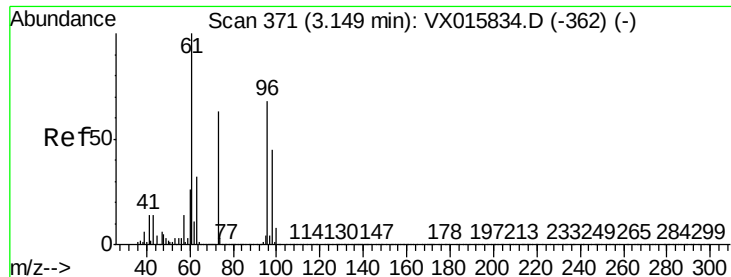


#20

Methylene Chloride
 Concen: 49.920 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.6	104.9	157.3
51	40.5	32.0	48.0
86	67.9	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 50.092 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

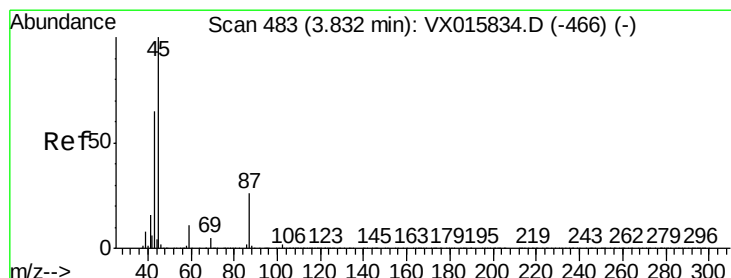
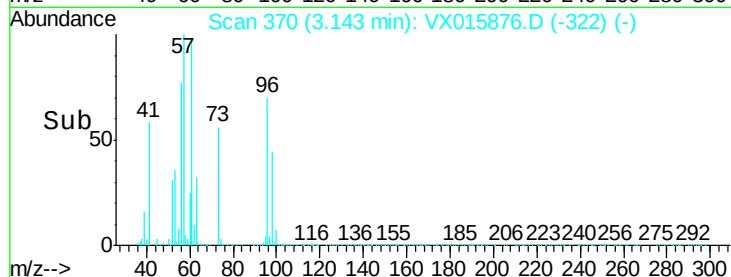
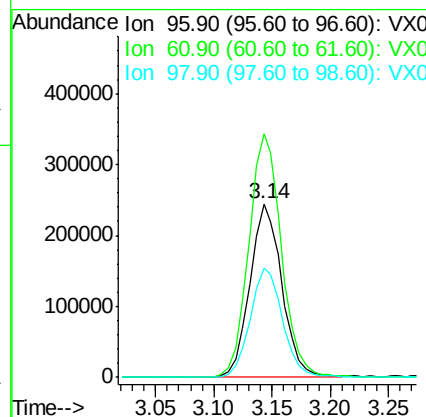
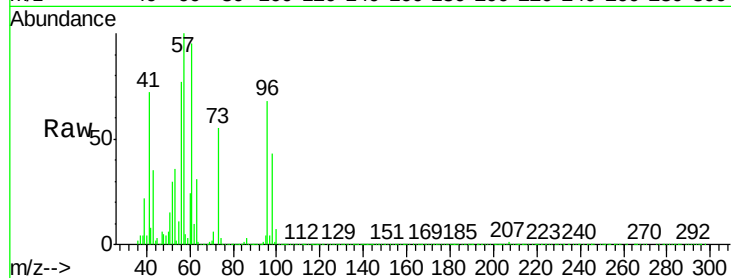
ClientSampleId :

KY001MW079-200421MSD

Tot Ion:	96	Resp:	465729
Ion	Ratio	Lower	Upper
96	100		
61	140.4	117.5	176.3
98	62.8	52.7	79.1

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#22

Diisopropyl ether

Concen: 52.294 ug/l

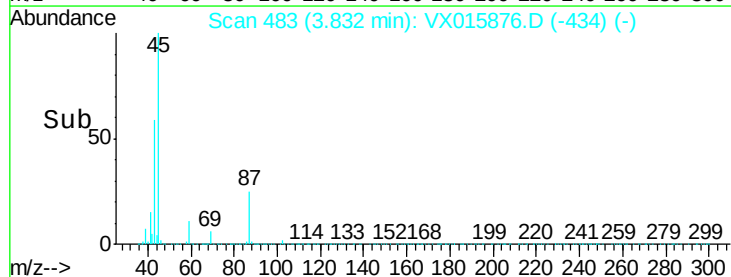
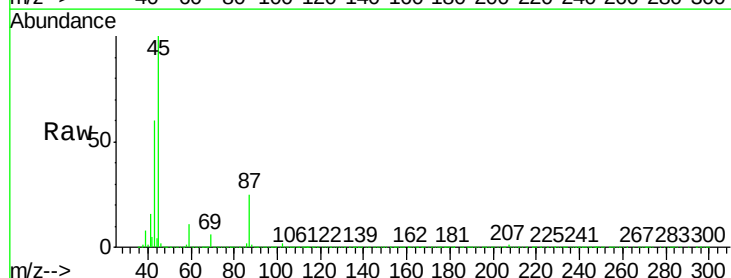
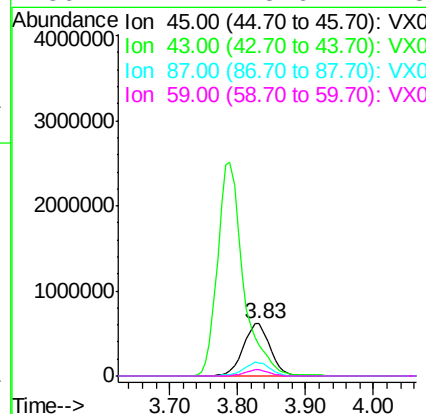
RT: 3.83 min Scan# 483

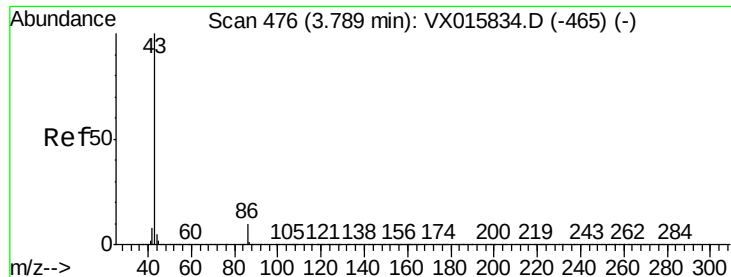
Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Tgt Ion:	45	Resp:	1678374
Ion	Ratio	Lower	Upper
45	100		
43	59.2	52.4	78.6
87	25.2	20.7	31.1
59	11.4	8.6	12.8





#23

Vinyl Acetate

Concen: 249.031 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion: 43 Resp: 6615042

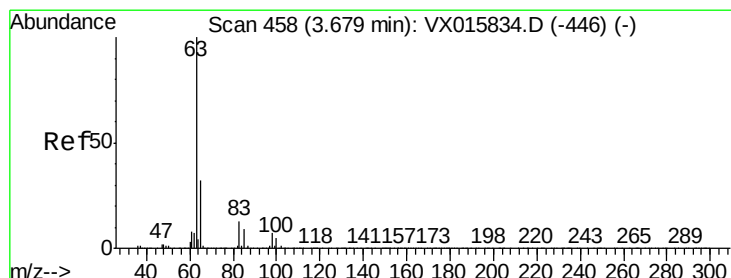
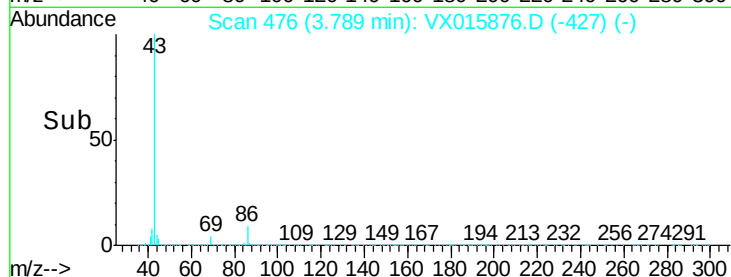
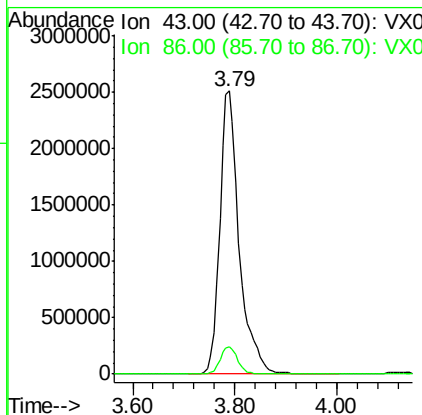
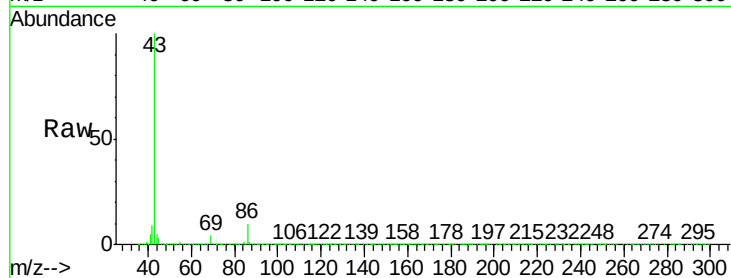
Ion Ratio Lower Upper

43 100

86 9.7 8.0 12.0

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#24

1,1-Dichloroethane

Concen: 52.267 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

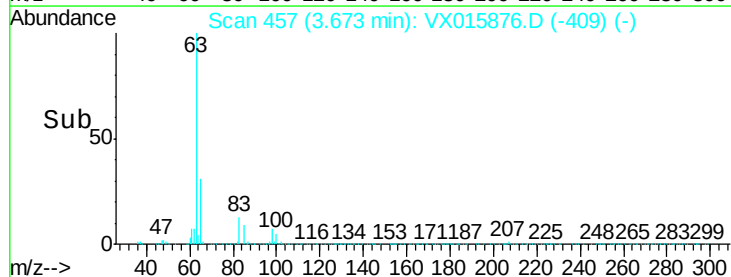
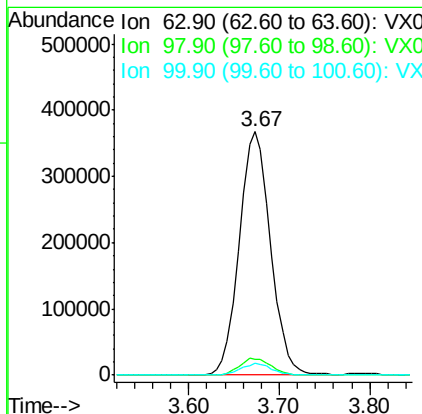
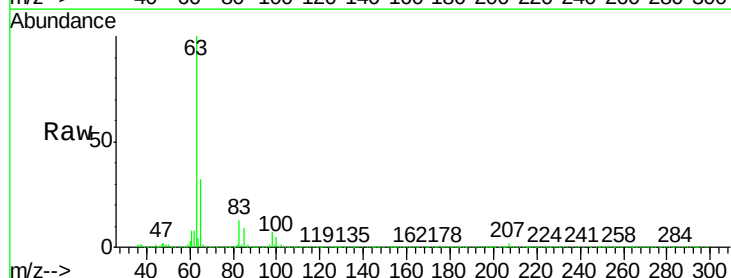
Tgt Ion: 63 Resp: 874331

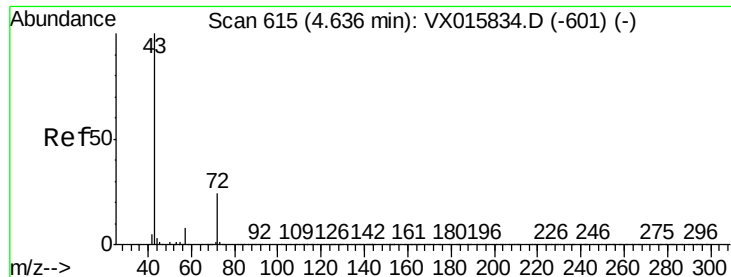
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 259.860 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion: 43 Resp: 1946062

Ion Ratio Lower Upper

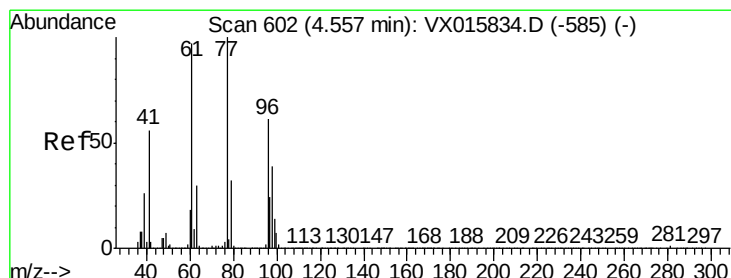
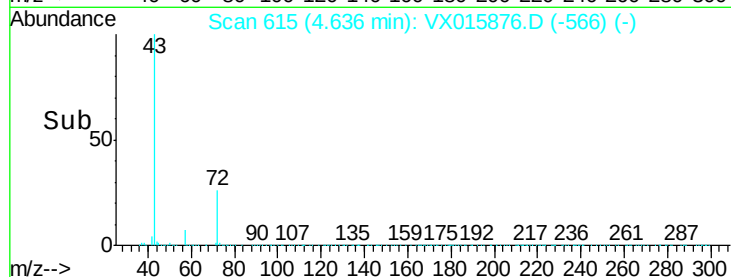
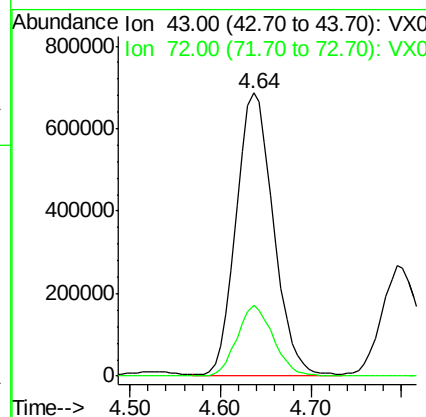
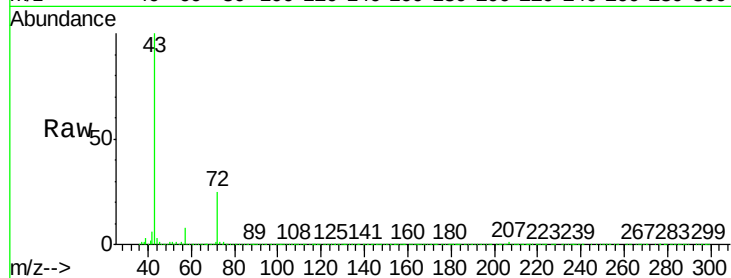
43 100

72 25.2 19.4 29.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 35.226 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015876.D

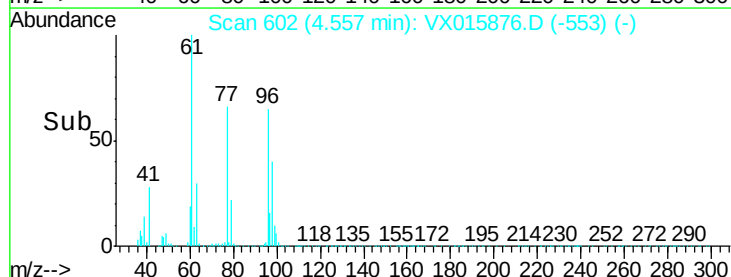
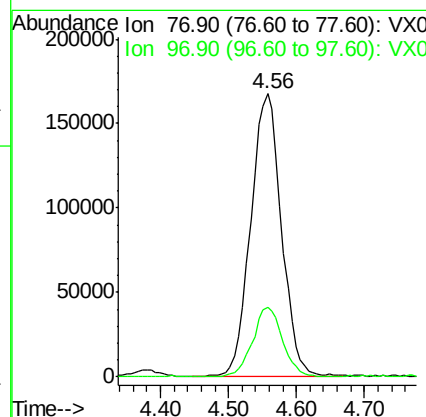
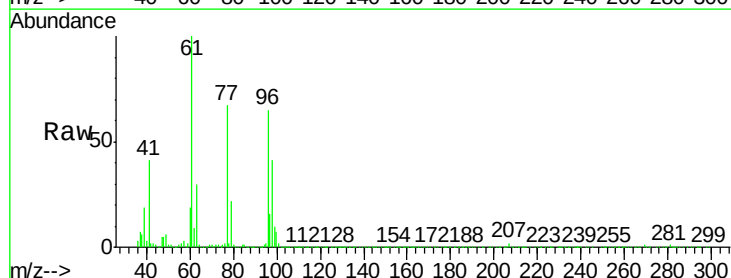
Acq: 23 Apr 2020 05:51

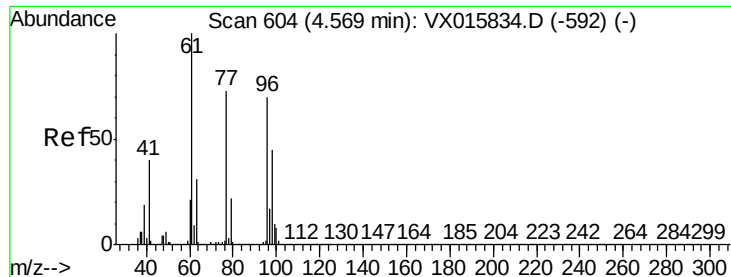
Tgt Ion: 77 Resp: 526380

Ion Ratio Lower Upper

77 100

97 23.8 11.4 34.1





#27

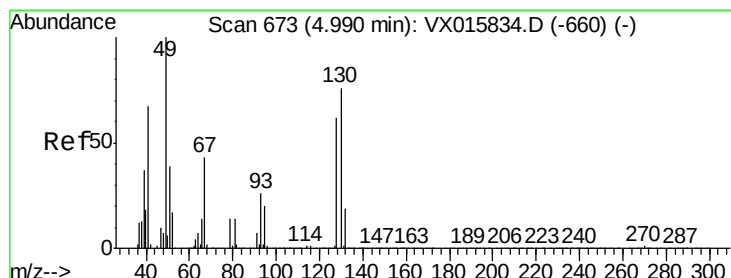
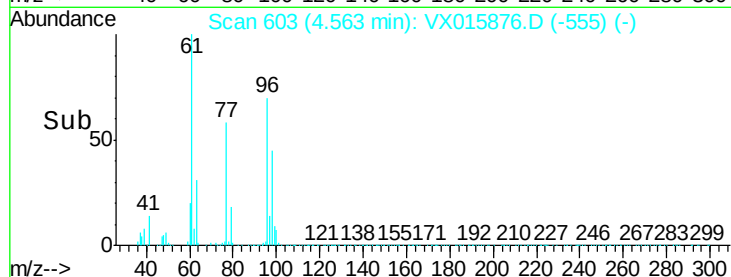
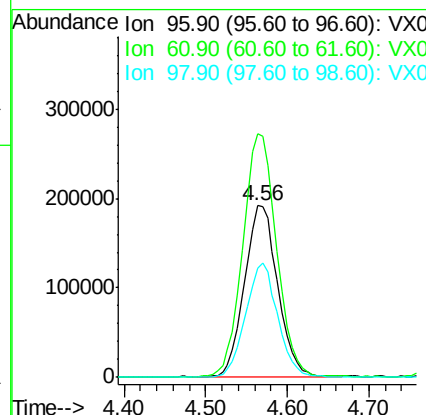
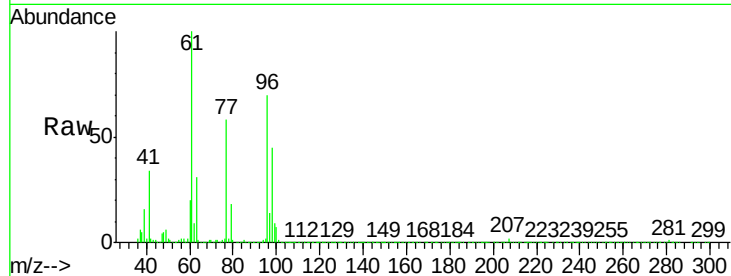
cis-1,2-Dichloroethene
Concen: 51.118 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.9	0.0	299.4	
98	64.3	0.0	129.6	

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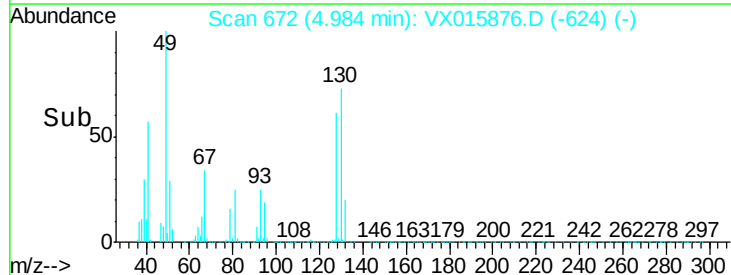
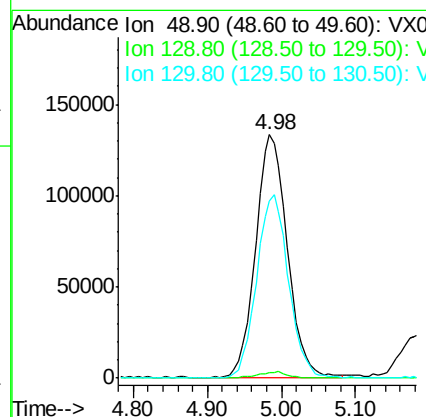
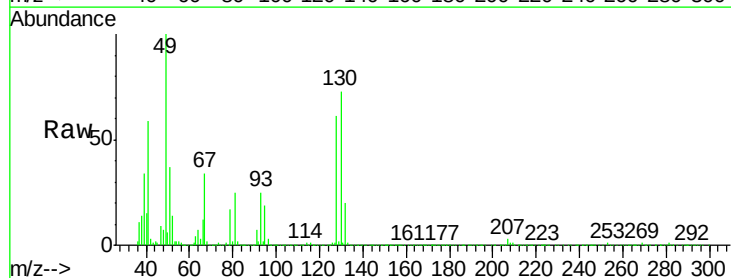
MMDadoda
4/23/2020 12:16:49 PM

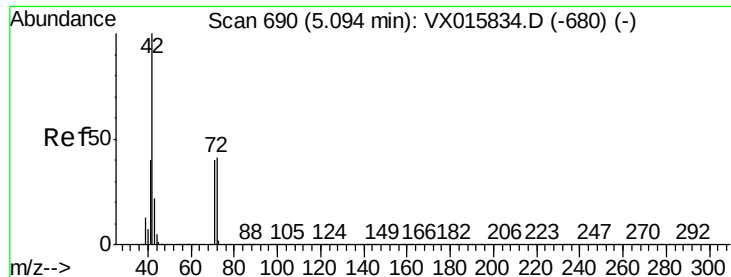


#28

Bromochloromethane
Concen: 45.390 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	1.8#	
130	75.5	62.4	93.6	





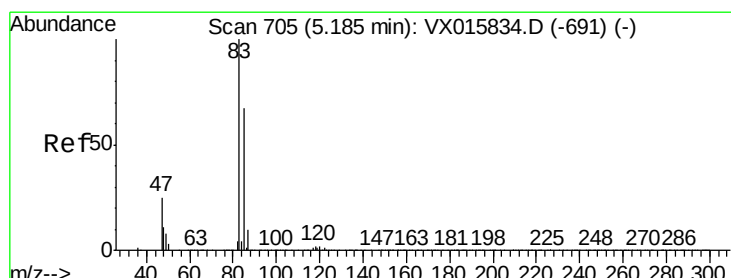
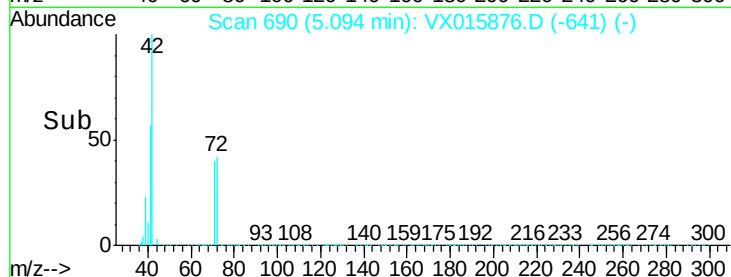
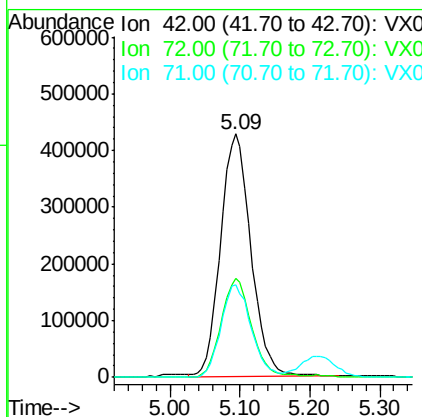
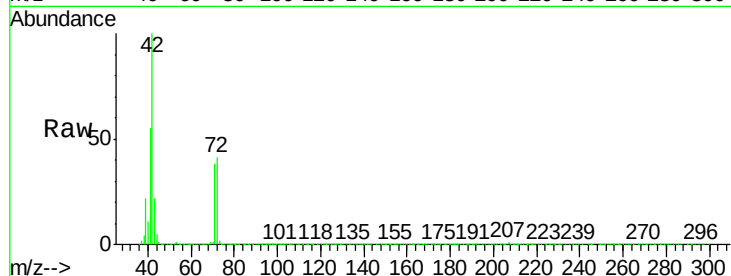
#29
Tetrahydrofuran
Concen: 259.307 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	33.0	49.6
71	38.2	30.6	45.8

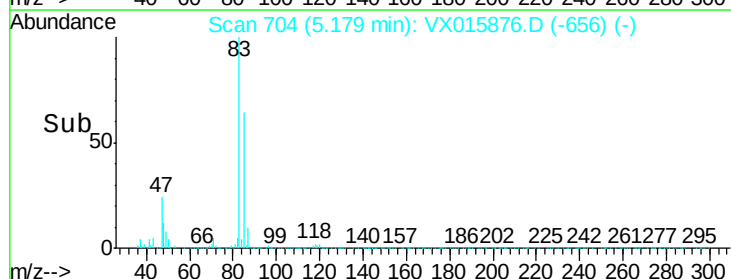
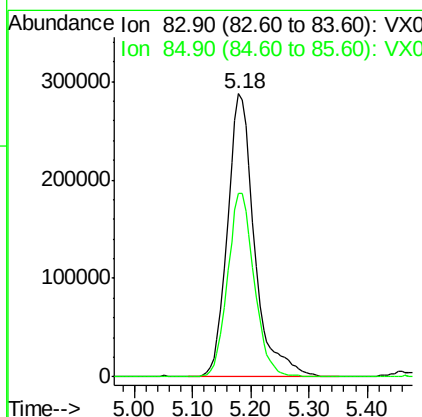
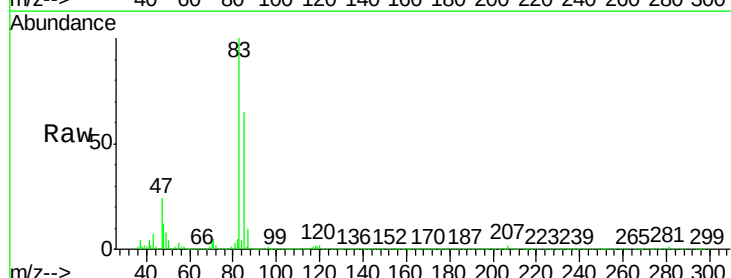
Manual Integrations
APPROVED

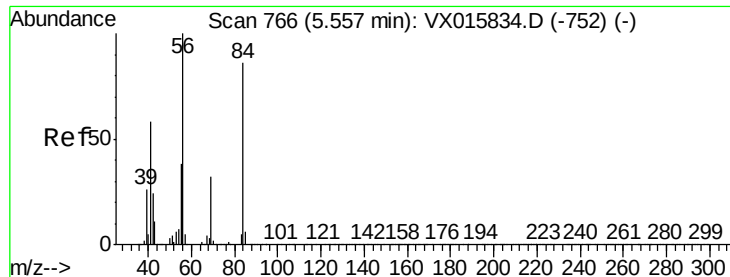
MMDadoda
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#30
Chloroform
Concen: 55.238 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.4	80.0





#31

Cyclohexane

Concen: 113.951 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion: 56 Resp: 1811578

Ion Ratio Lower Upper

56 100

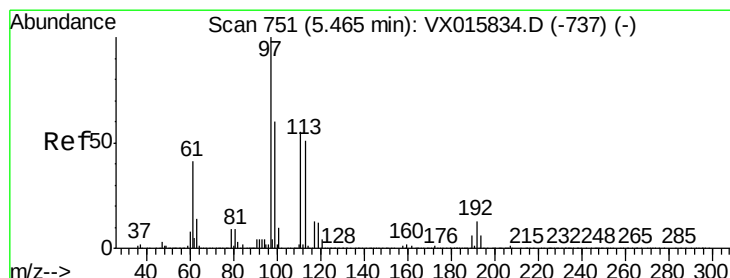
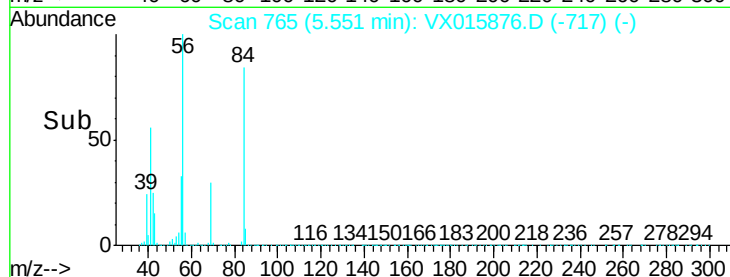
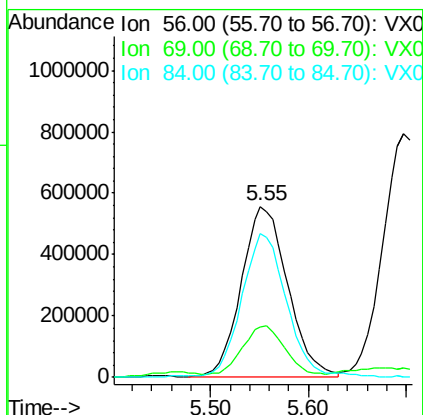
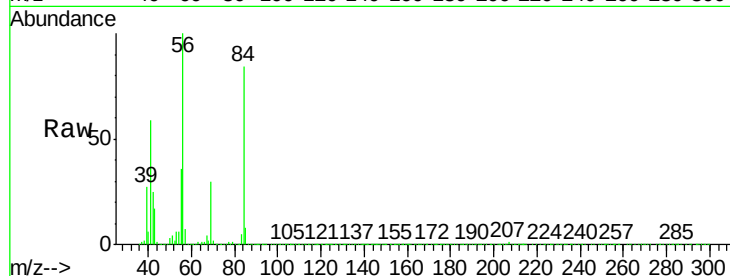
69 27.5 25.3 37.9

84 84.0 69.1 103.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.576 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

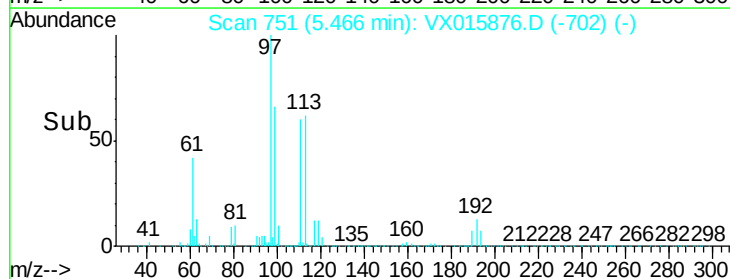
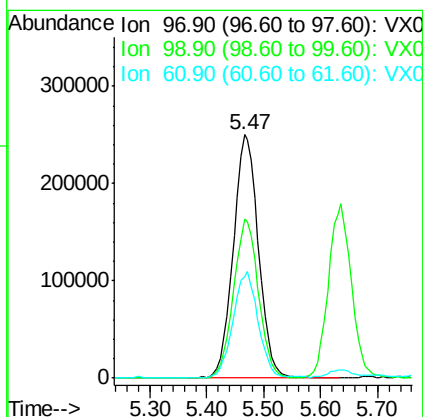
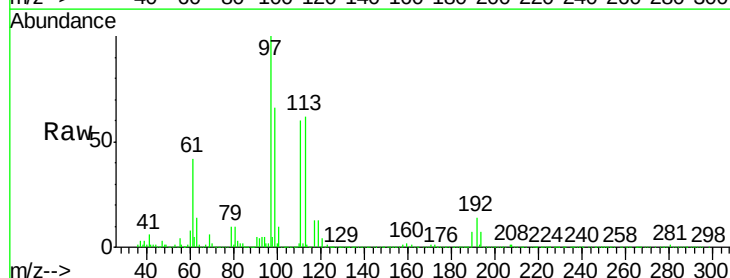
Tgt Ion: 97 Resp: 773971

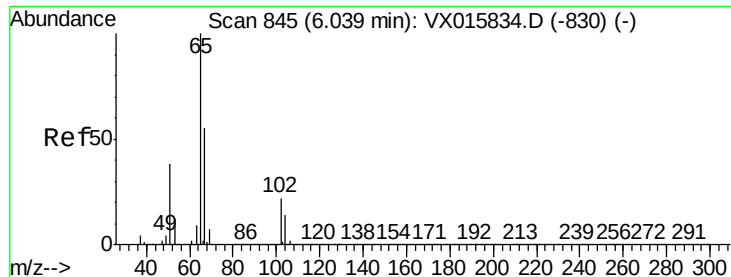
Ion Ratio Lower Upper

97 100

99 64.7 51.2 76.8

61 43.2 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 53.786 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion: 65 Resp: 585268

Ion Ratio Lower Upper

65 100

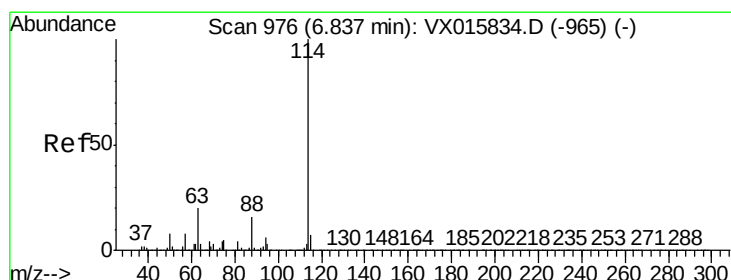
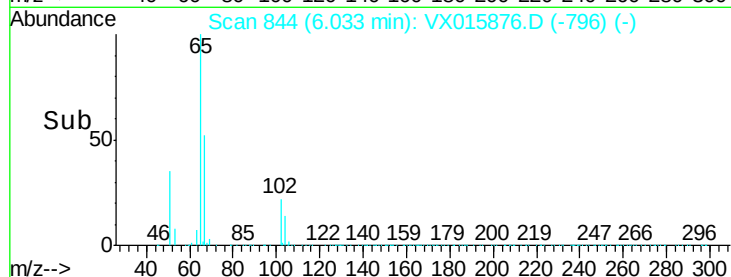
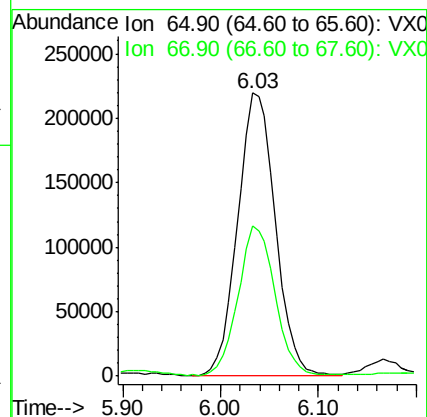
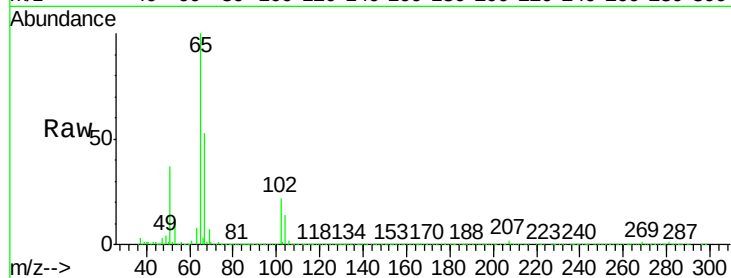
67 51.2 0.0 104.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

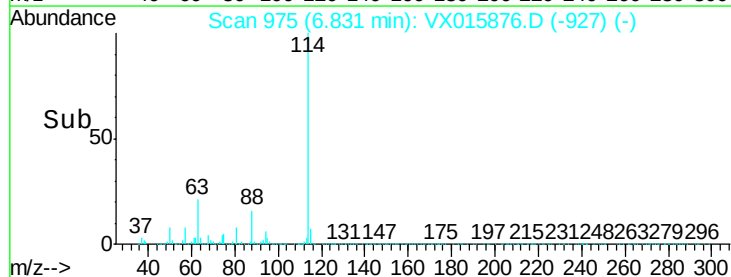
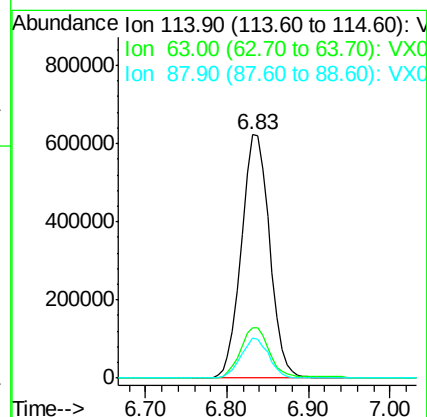
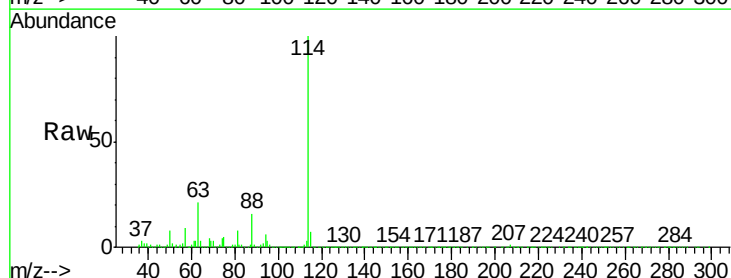
Tgt Ion: 114 Resp: 1490195

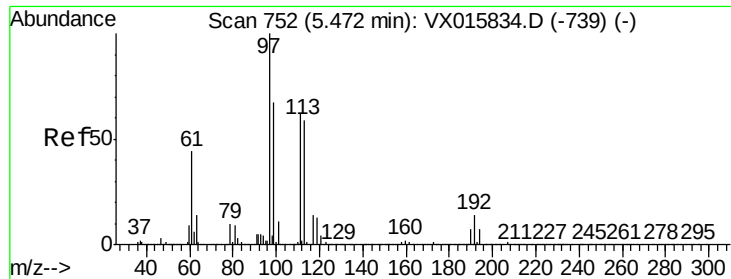
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.6

88 16.3 0.0 32.8





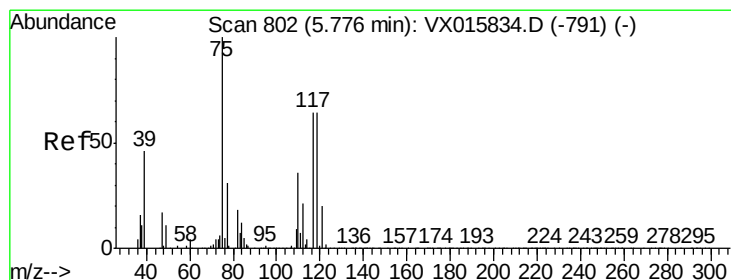
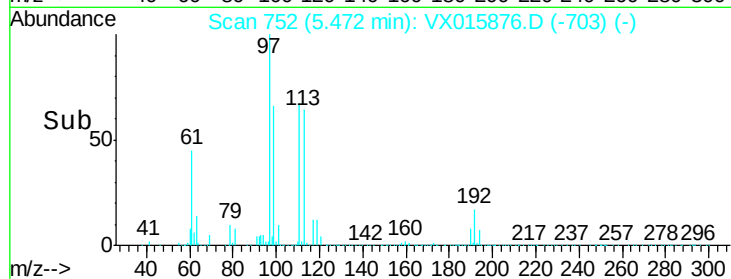
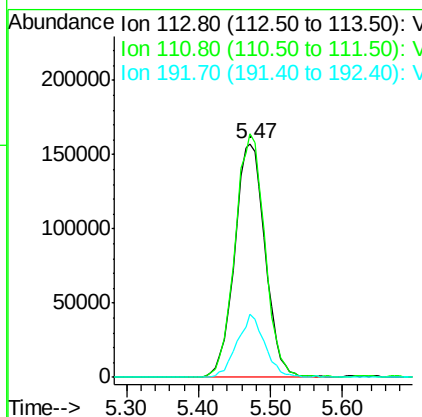
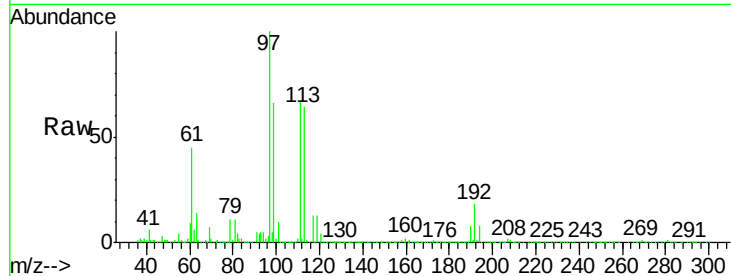
#35
Dibromofluoromethane
Concen: 53.791 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	462701		
111	101.6	82.7	124.1	
192	24.6	19.3	28.9	

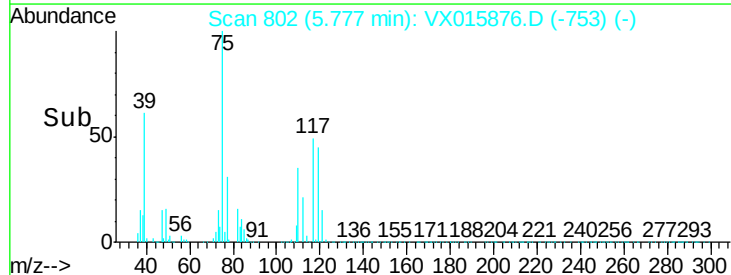
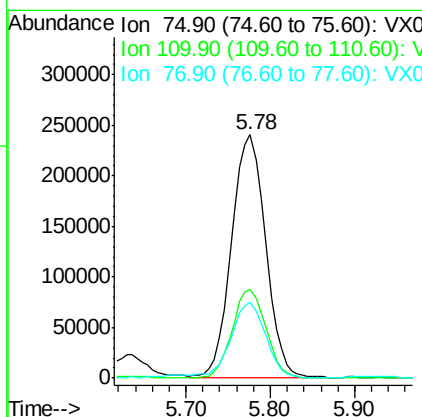
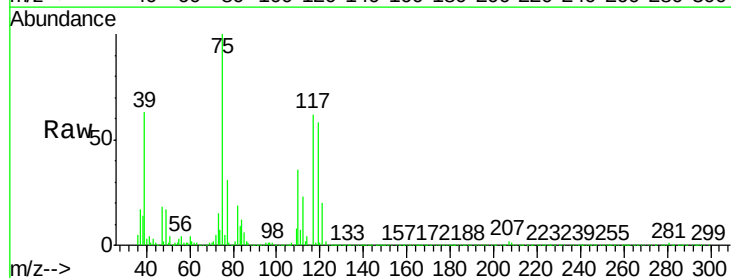
Manual Integrations
APPROVED

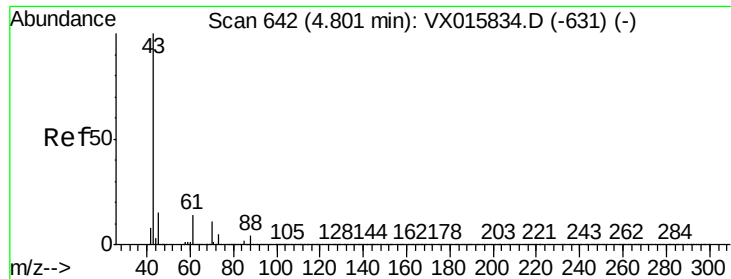
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#36
1,1-Dichloropropene
Concen: 49.409 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	652735		
110	36.1	17.9	53.8	
77	33.1	24.5	36.7	





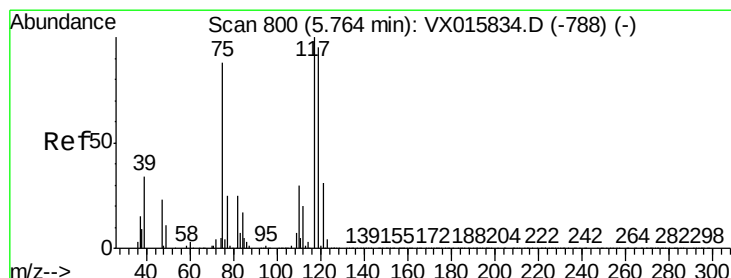
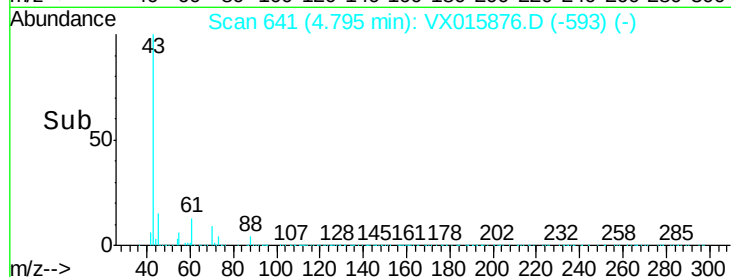
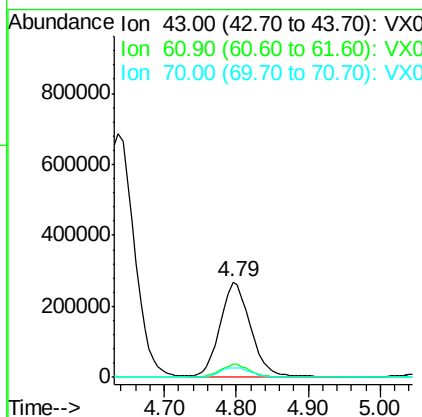
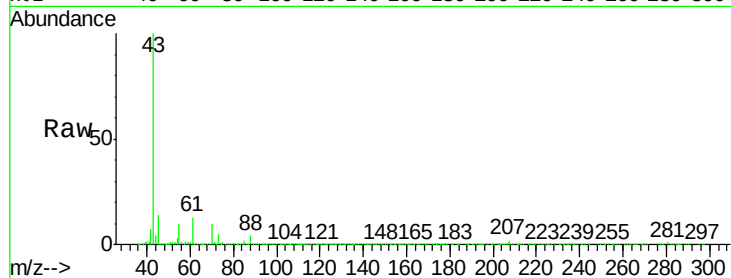
#37
Ethyl Acetate
Concen: 49.617 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion	43	Resp	780103
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.8	16.2
70	11.2	8.2	12.2

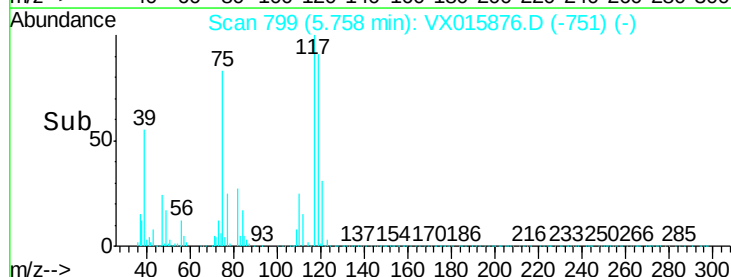
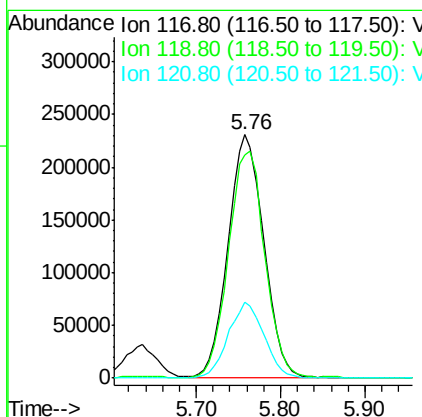
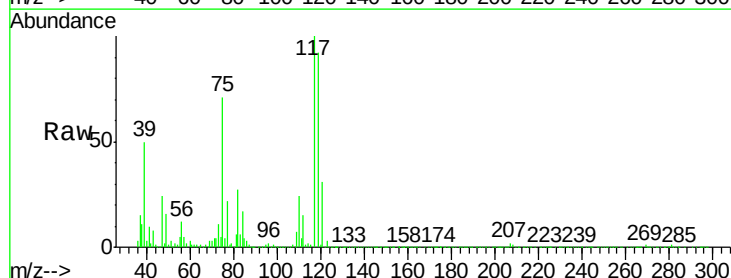
Manual Integrations
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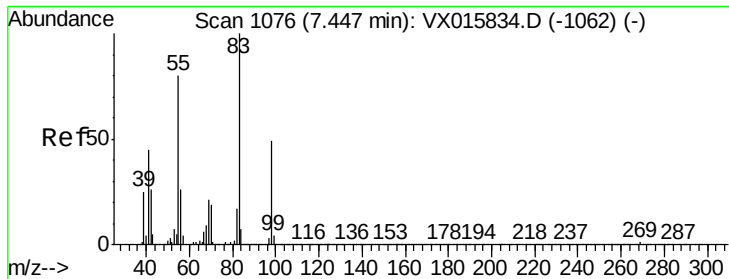
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.810 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion	117	Resp	661184
Ion Ratio	Lower	Upper	
117	100		
119	92.0	75.7	113.5
121	31.3	25.0	37.6





#39

Methylvlcyclohexane

Concen: 130.274 ug/l

RT: 7.45 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

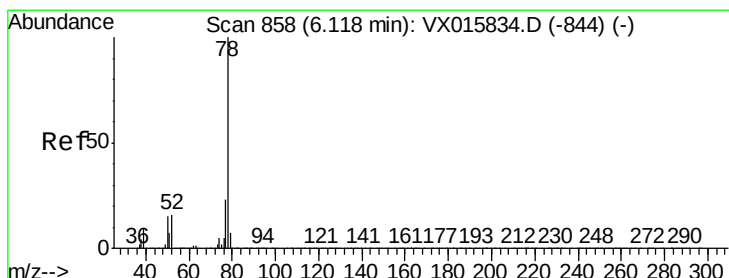
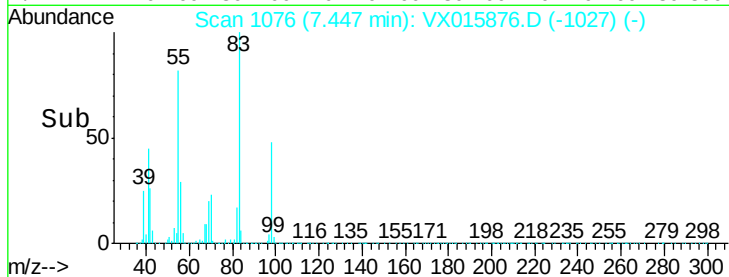
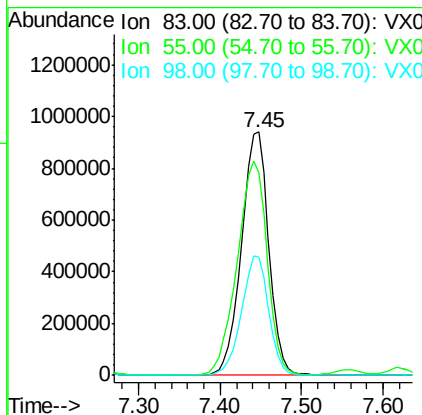
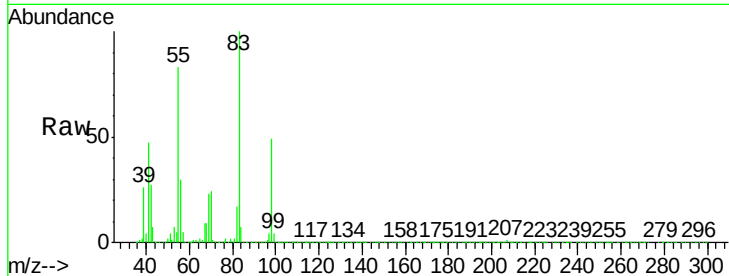
ClientSampleId :

KY001MW079-200421MSD

Tot Ion:	83	Resp:	2179444
Ion	Ratio	Lower	Upper
83	100		
55	83.0	64.2	96.4
98	48.7	39.3	58.9

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#40

Benzene

Concen: 219.264 ug/l

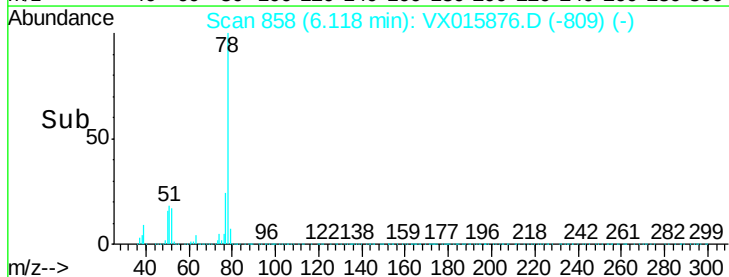
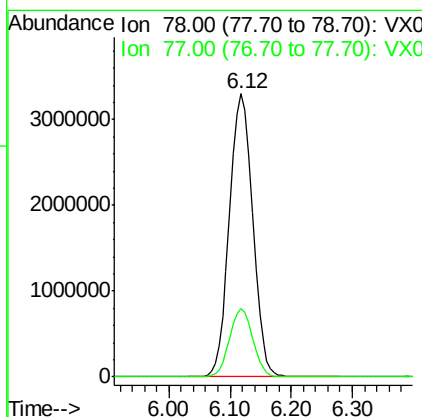
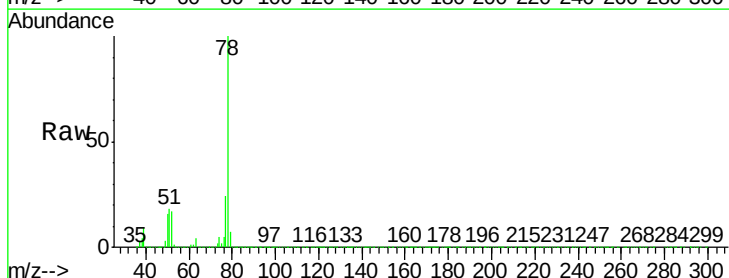
RT: 6.12 min Scan# 858

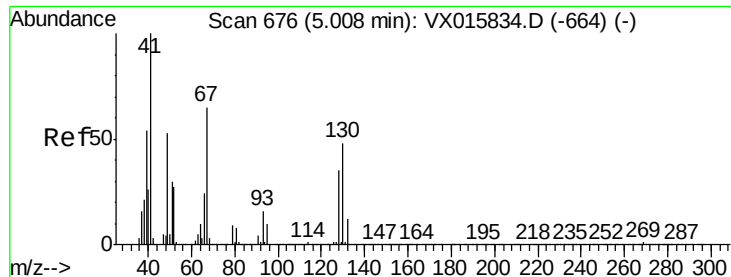
Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Tgt Ion:	78	Resp:	8724318
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	27.8





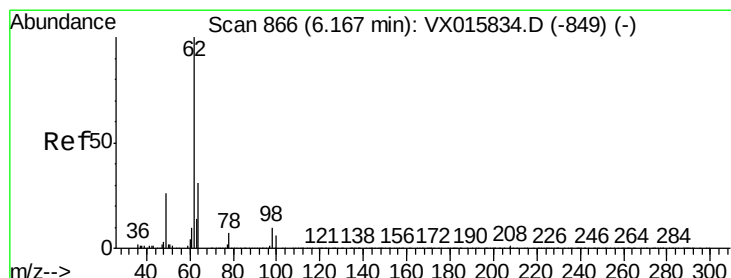
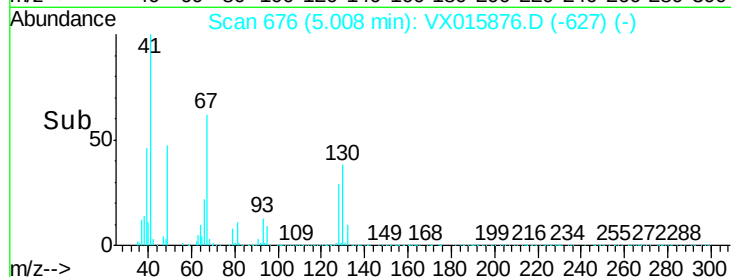
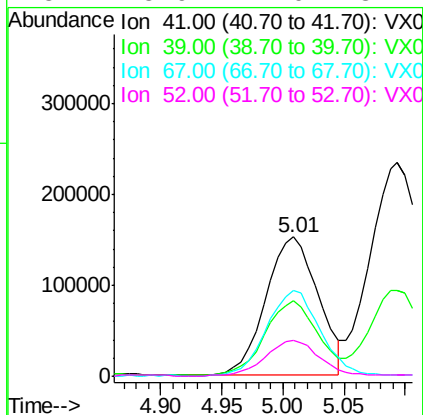
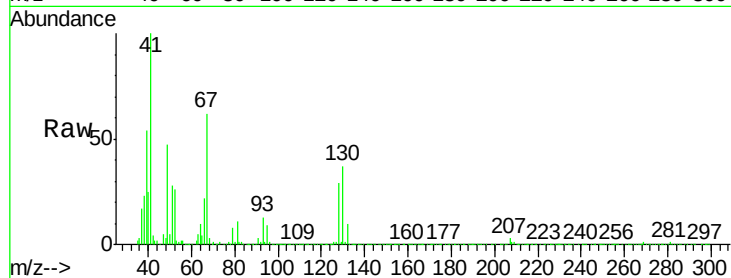
#41
Methacrylonitrile
Concen: 52.090 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		455094		
39	55.3	42.4	63.6		
67	62.9	51.9	77.9		
52	25.9	21.0	31.4		

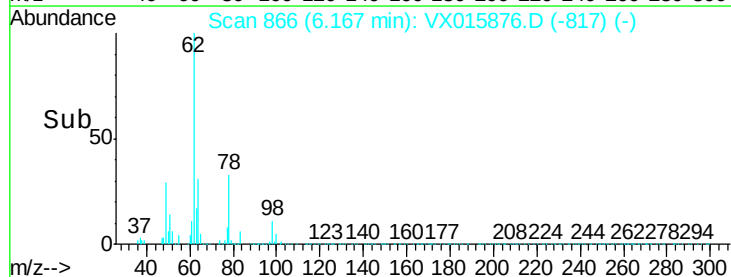
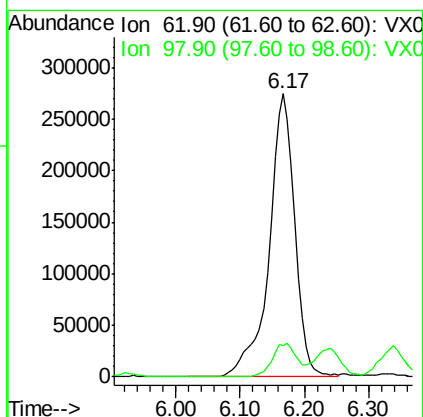
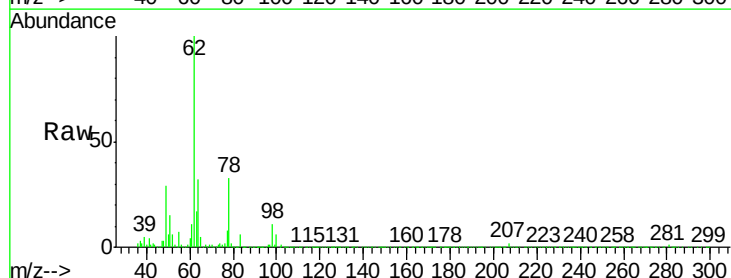
Manual Integrations
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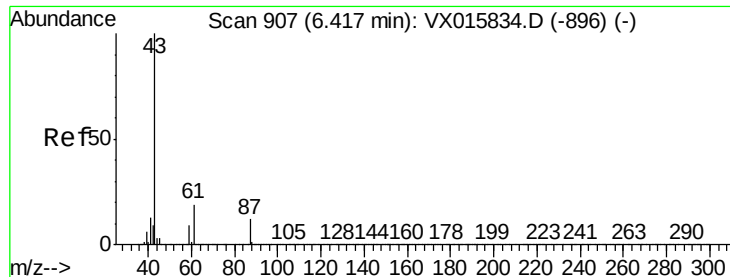
MMDadoda
4/23/2020 12:16:49 PM



#42
1,2-Dichloroethane
Concen: 53.564 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		767468		
98	11.5	0.0	20.0		





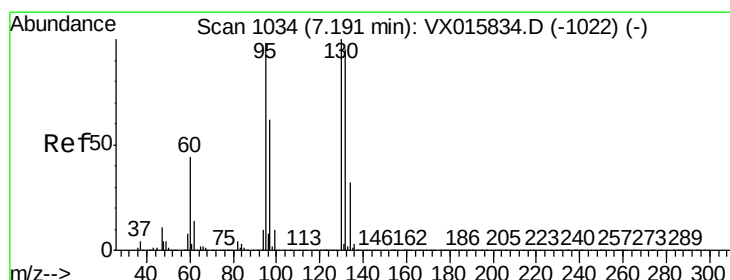
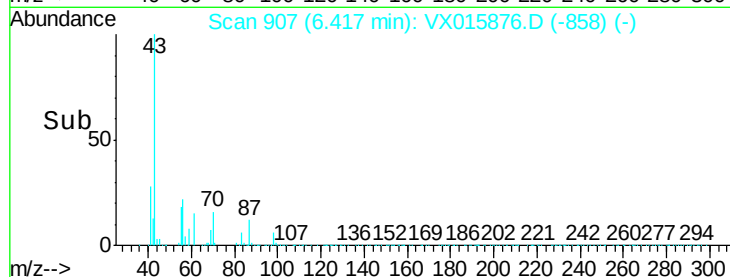
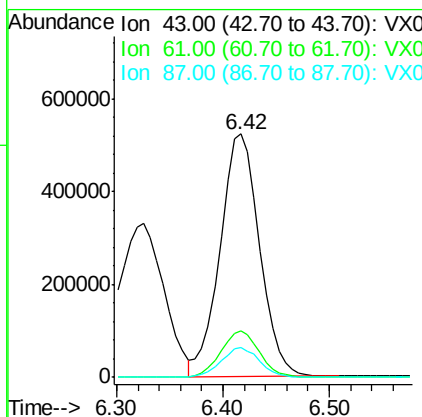
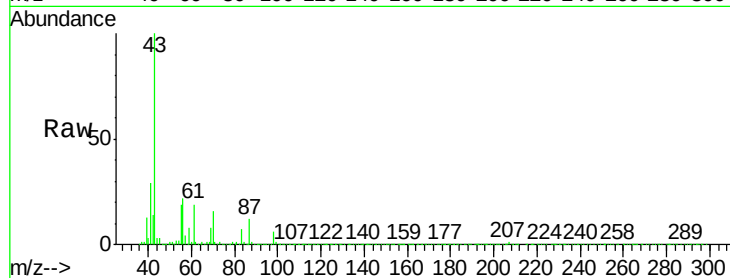
#43
Isopropyl Acetate
Concen: 50.712 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.4	23.2
87	12.0	9.8	14.6

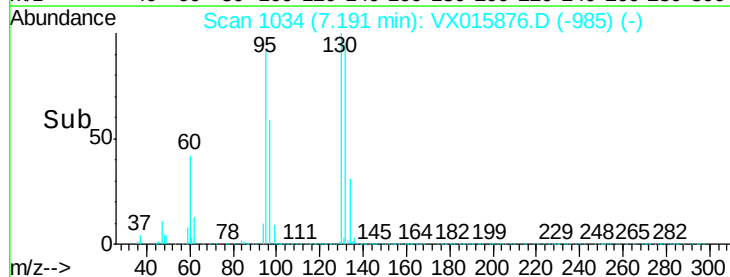
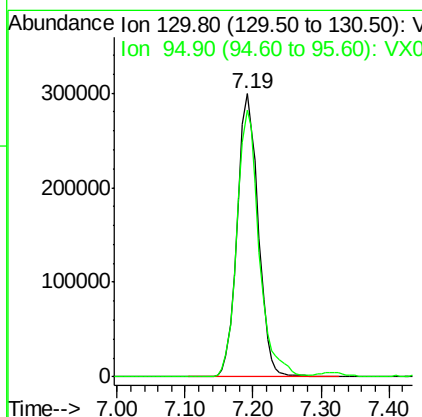
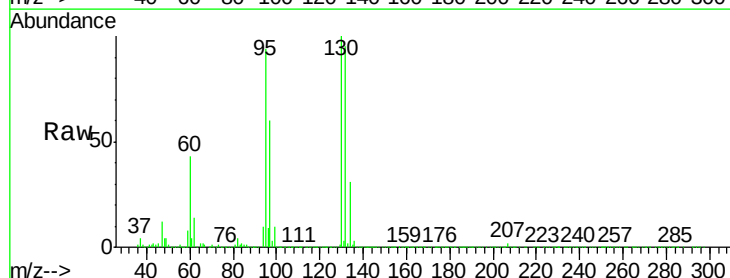
Manual Integrations
APPROVED

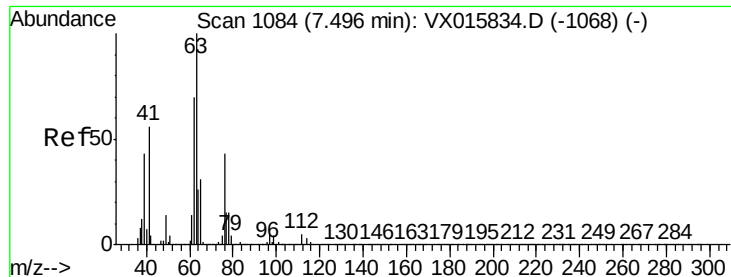
MMDadoda
4/23/2020 12:16:49 PM



#44
Trichloroethene
Concen: 45.983 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	195.8





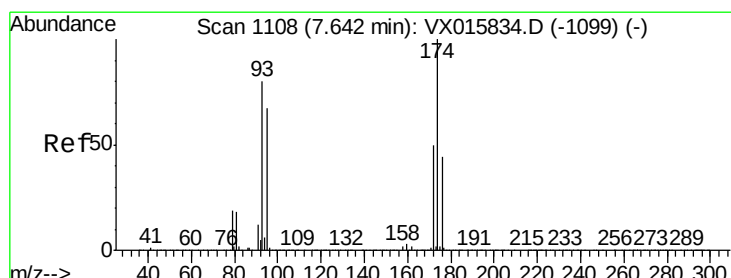
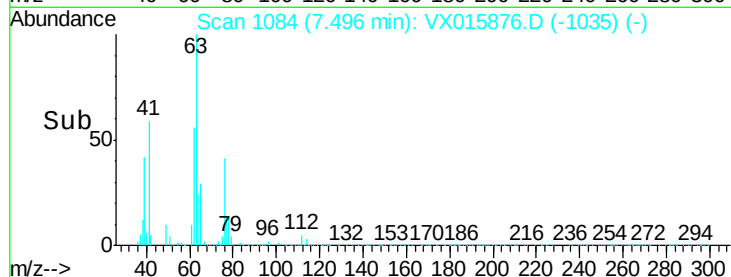
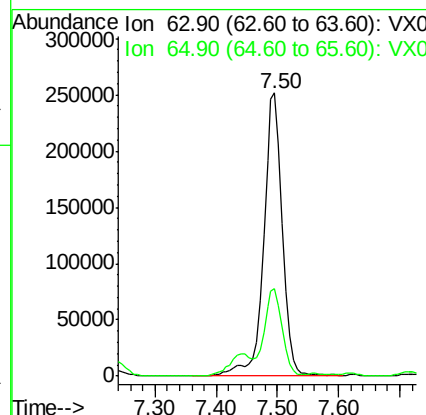
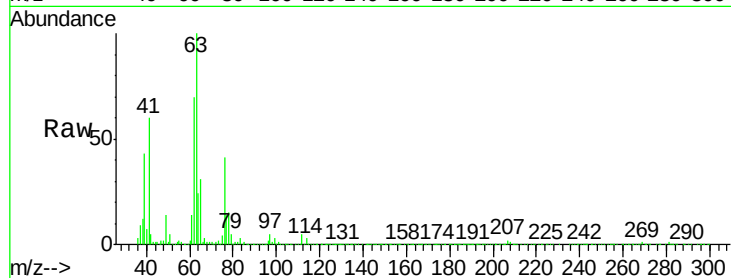
#45
 1,2-Dichloropropane
 Concen: 51.763 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.5	36.7

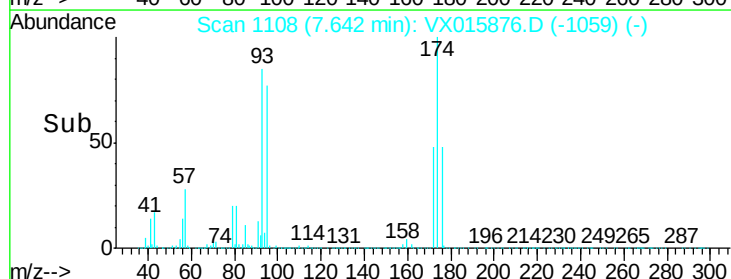
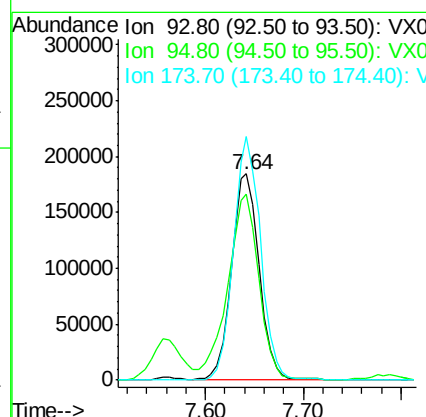
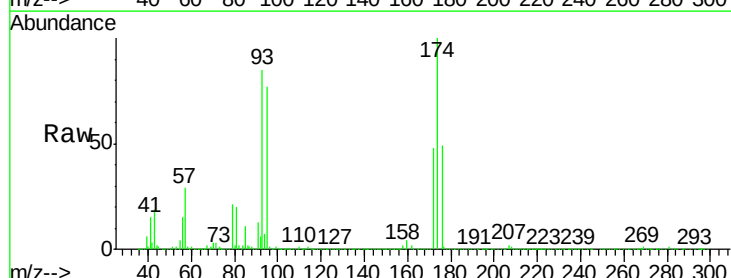
Manual Integrations
 APPROVED

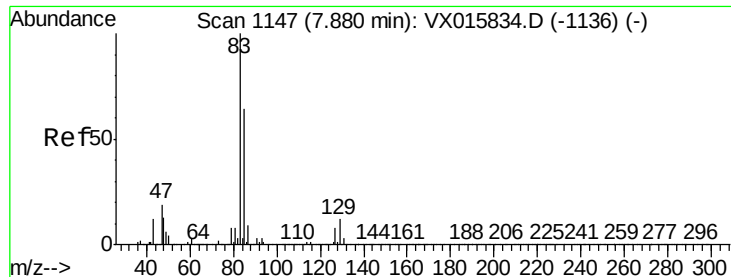
MMDadoda
 4/23/2020 12:16:49 PM



#46
 Dibromomethane
 Concen: 46.726 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	102.2	65.8	98.8#
174	117.6	95.6	143.4





#47

Bromodichloromethane

Concen: 50.490 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

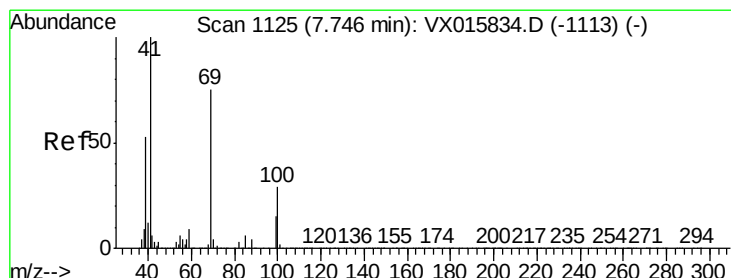
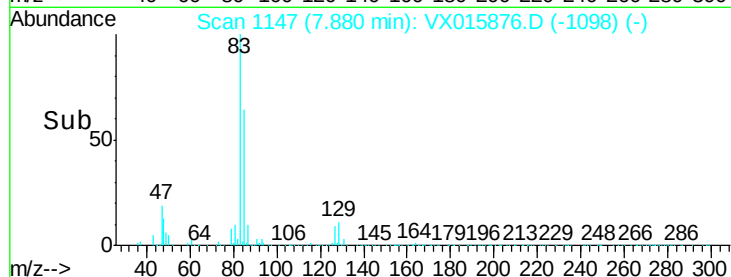
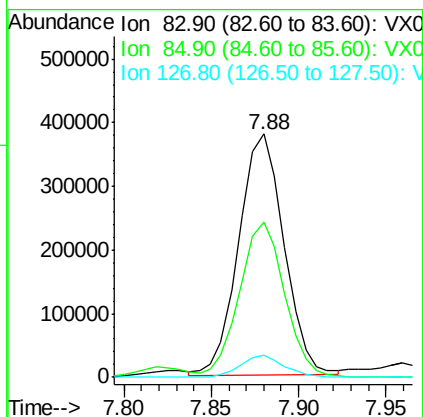
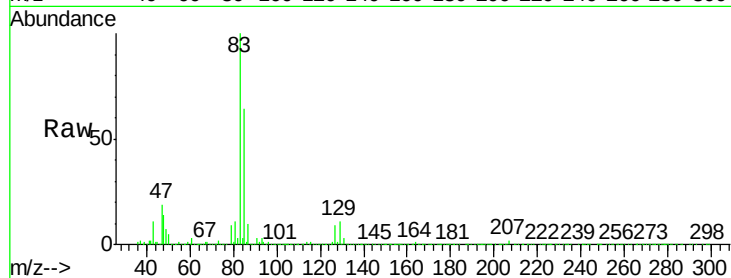
ClientSampleId :

KY001MW079-200421MSD

Tot Ion:	83	Resp:	683705
Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.8	76.2
127	9.3	6.6	10.0

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:16:49 PM



#48

Methyl methacrylate

Concen: 62.978 ug/l

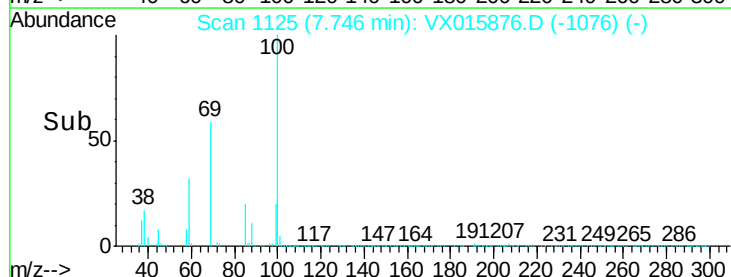
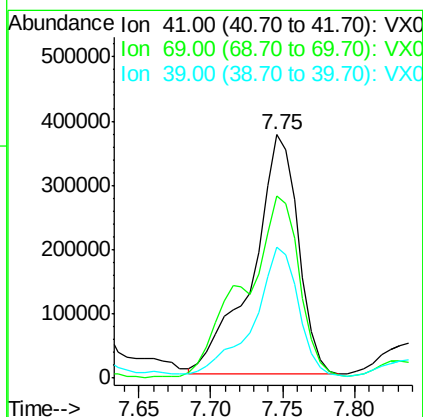
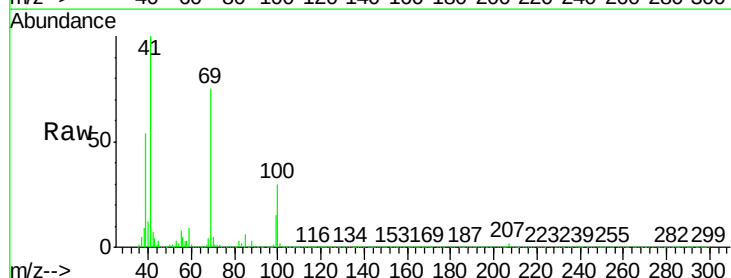
RT: 7.75 min Scan# 1125

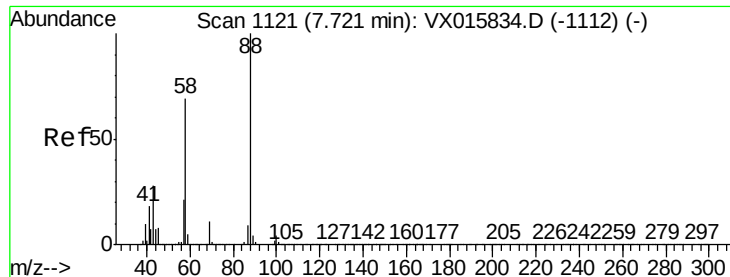
Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Tgt Ion:	41	Resp:	821597
Ion	Ratio	Lower	Upper
41	100		
69	91.8	60.5	90.7#
39	52.1	42.1	63.1





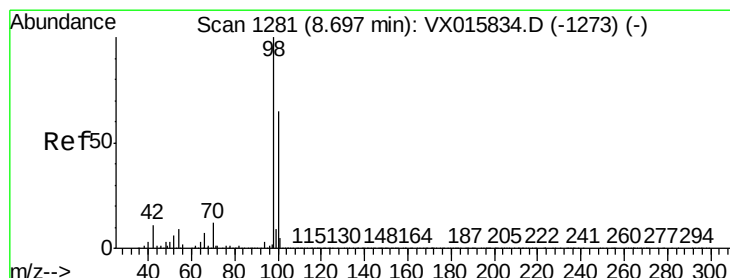
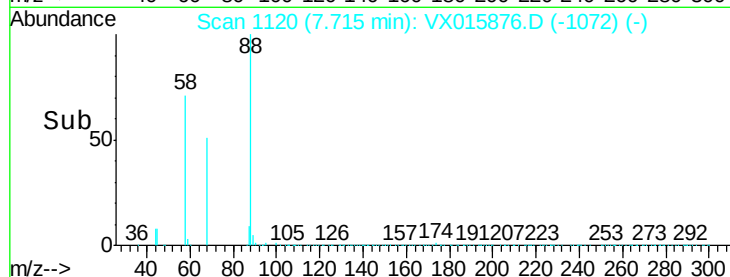
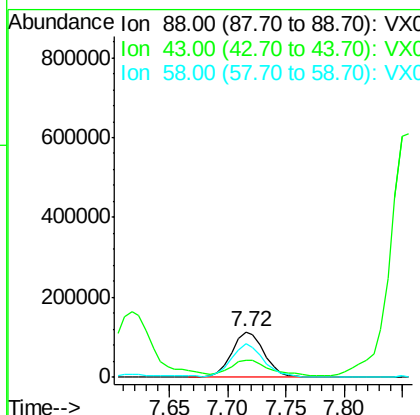
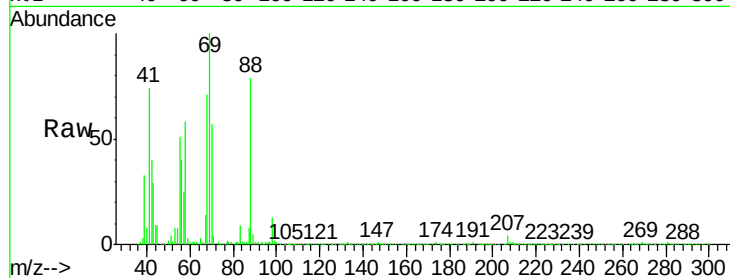
#49
1,4-Dioxane
Concen: 905.414 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion	Ratio	Resp	Lower	Upper
88	100	223232		
43	41.1	28.2	42.4	
58	71.3	58.9	88.3	

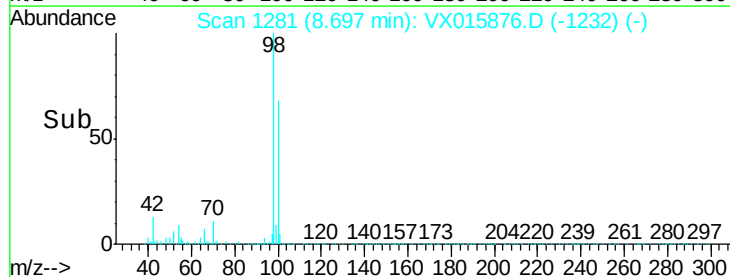
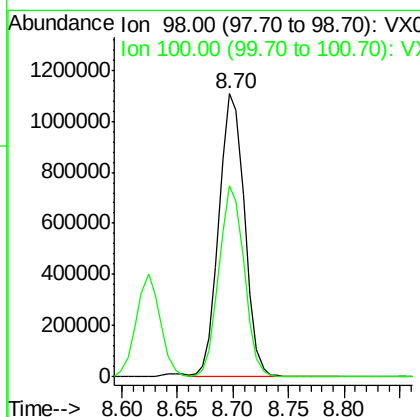
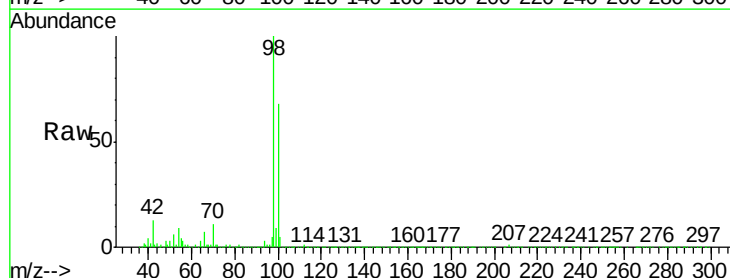
Manual Integrations
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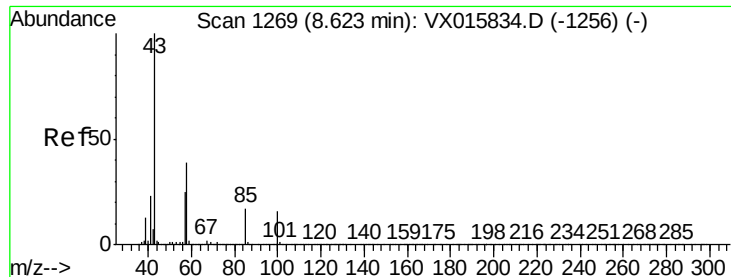
MMDadoda
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#50
Toluene-d8
Concen: 50.830 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1760112		
100	66.9	53.8	80.6	





#51

4-Methyl-2-Pentanone

Concen: 257.907 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion: 43 Resp: 3948163

Ion Ratio Lower Upper

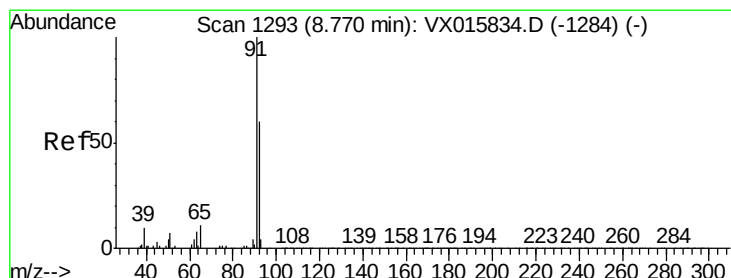
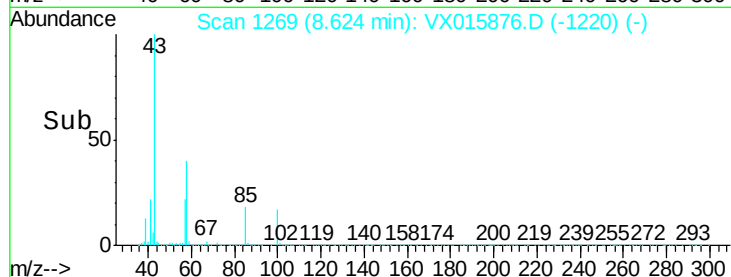
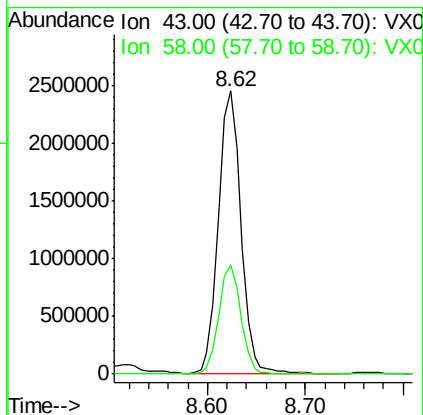
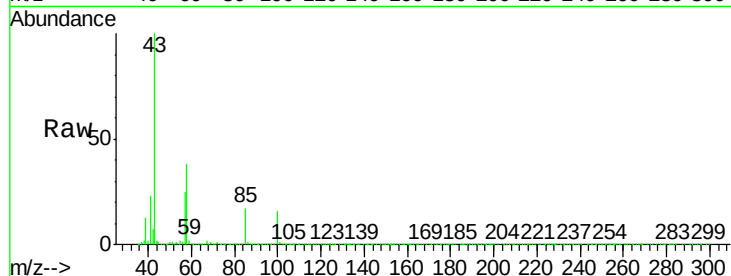
43 100

58 37.5 30.6 45.8

Manual Integrations
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#52

Toluene

Concen: 52.315 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015876.D

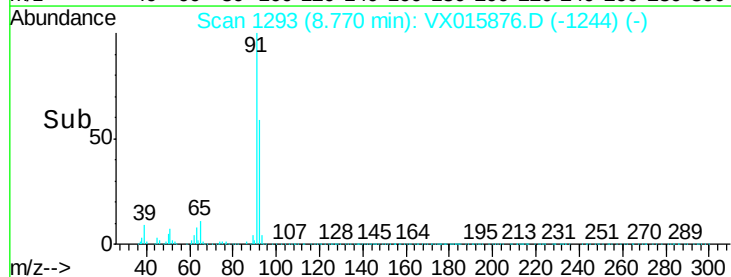
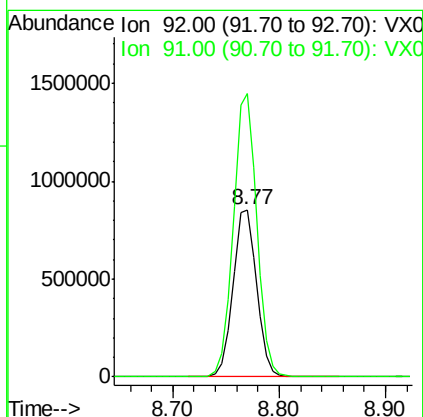
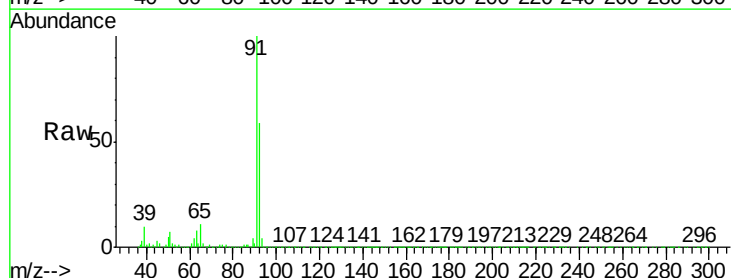
Acq: 23 Apr 2020 05:51

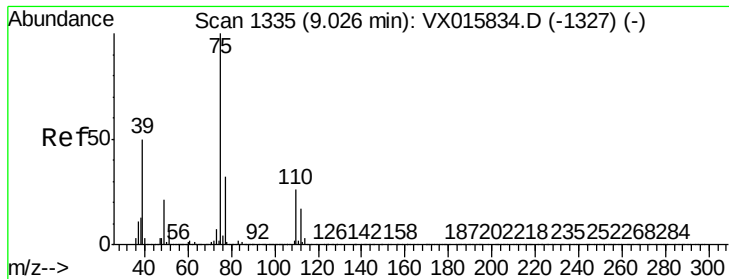
Tgt Ion: 92 Resp: 1334231

Ion Ratio Lower Upper

92 100

91 167.5 133.4 200.0





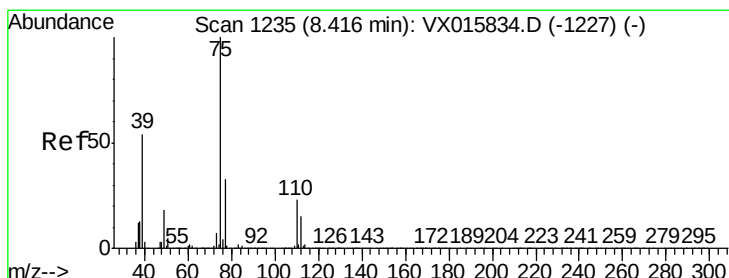
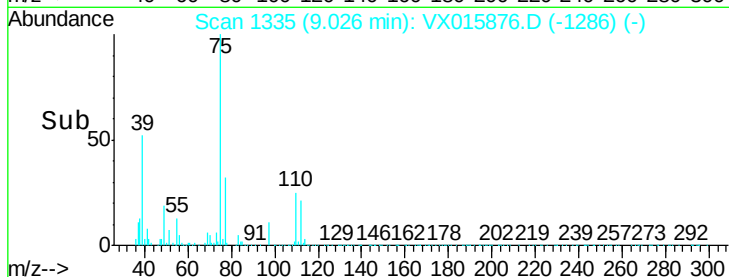
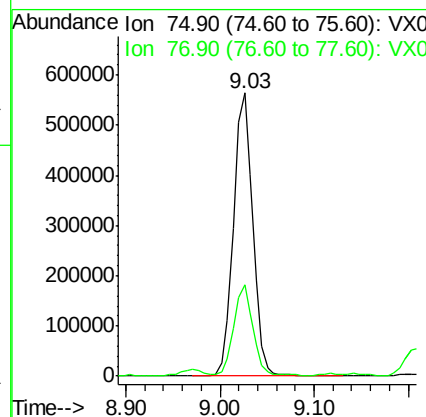
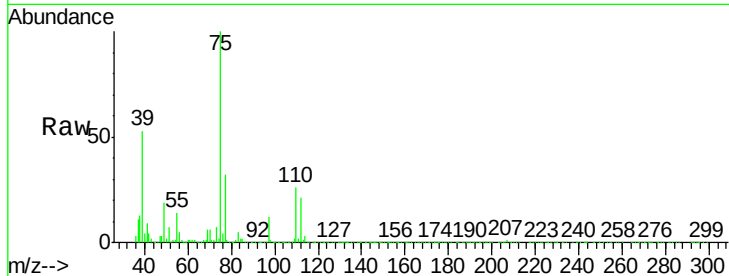
#53
t-1,3-Dichloropropene
Concen: 47.624 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.9	38.9

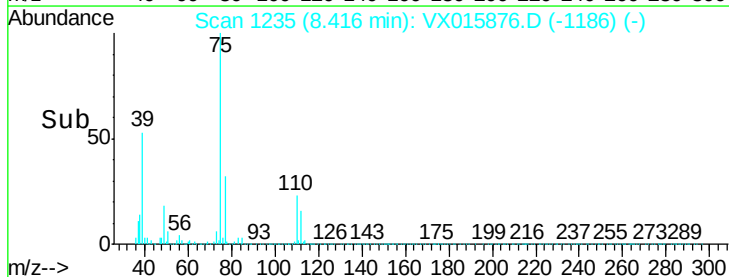
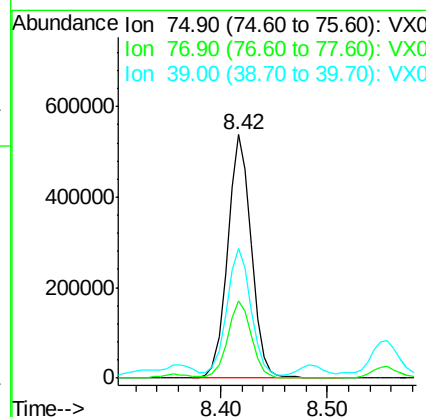
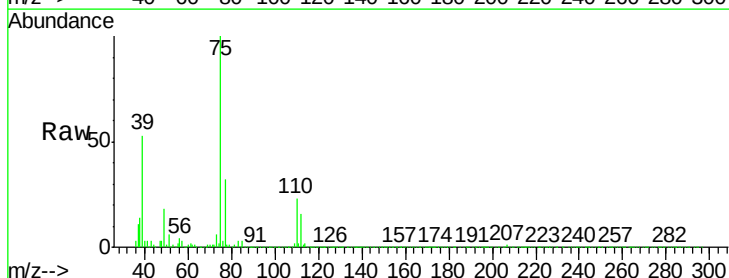
Manual Integrations
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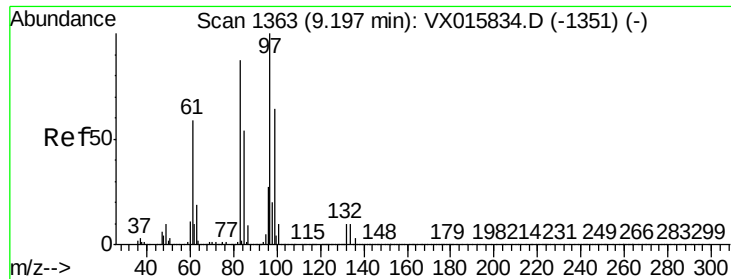
MMDadoda
4/23/2020 12:16:49 PM



#54
cis-1,3-Dichloropropene
Concen: 46.777 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.0	39.0
39	51.1	42.8	64.2





#55

1,1,2-Trichloroethane

Concen: 50.006 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

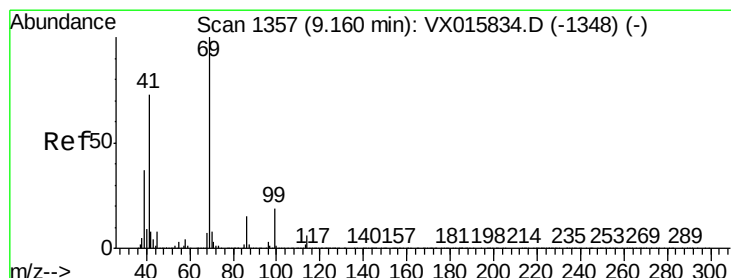
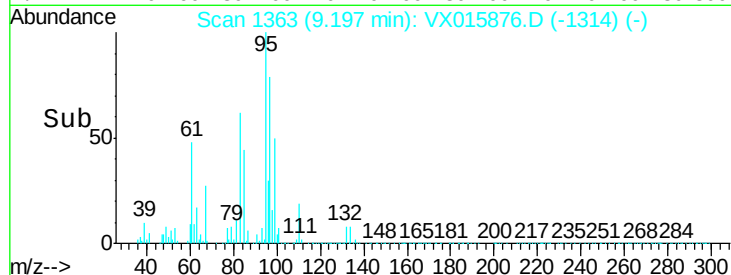
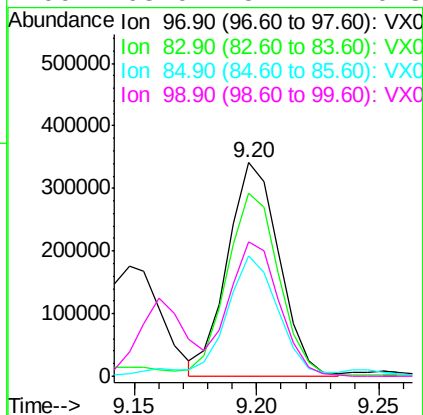
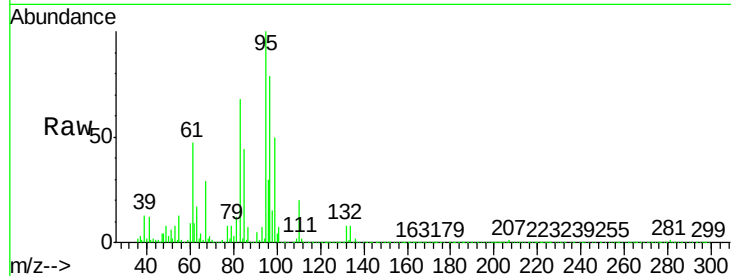
ClientSampleId :

KY001MW079-200421MSD

Tot Ion:	97	Resp:	498002
Ion Ratio	Lower	Upper	
97	100		
83	85.5	69.8	104.8
85	54.6	43.4	65.2
99	63.0	51.2	76.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 54.937 ug/l

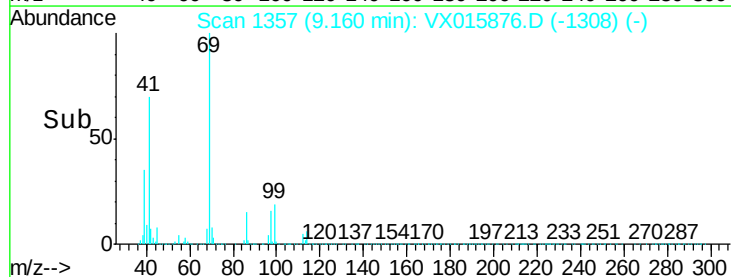
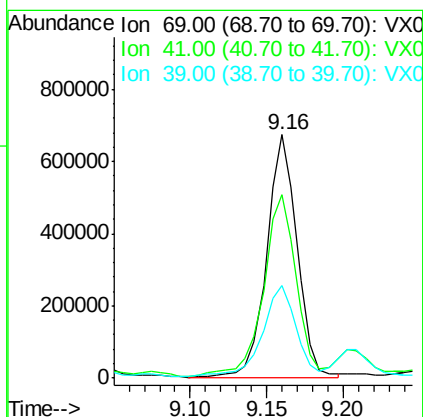
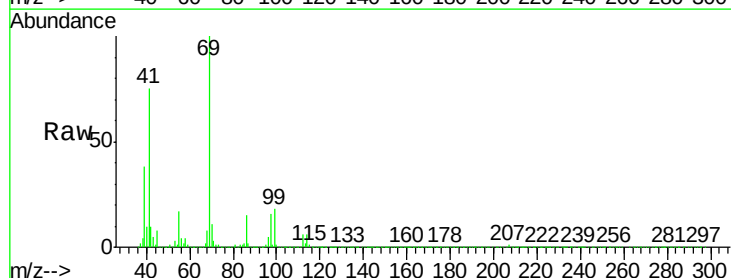
RT: 9.16 min Scan# 1357

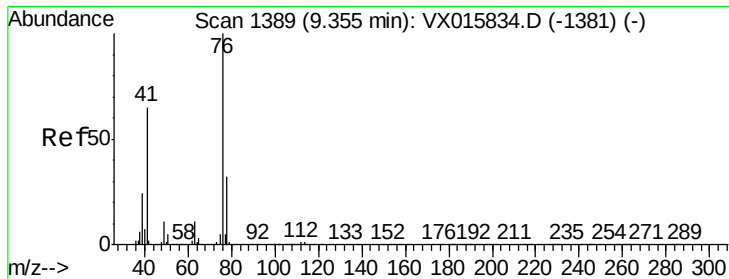
Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Tgt Ion:	69	Resp:	926706
Ion Ratio	Lower	Upper	
69	100		
41	79.9	57.4	86.2
39	41.8	29.7	44.5





#57

1,3-Dichloropropane

Concen: 50.262 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion: 76 Resp: 869822

Ion Ratio Lower Upper

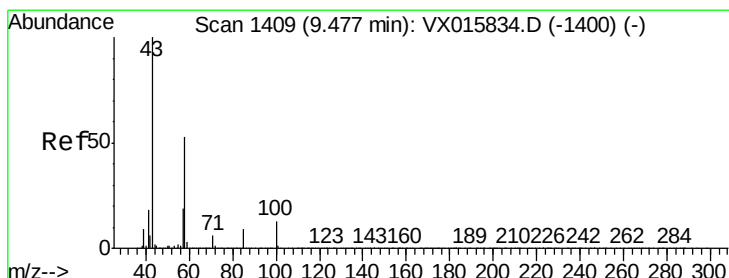
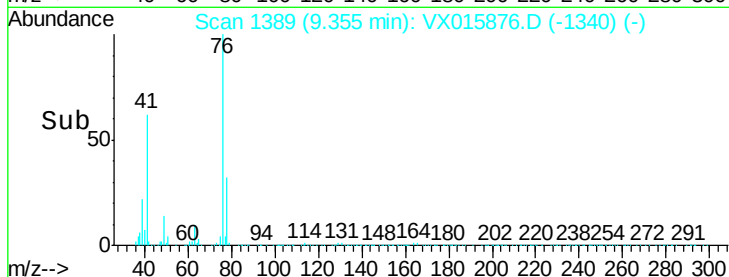
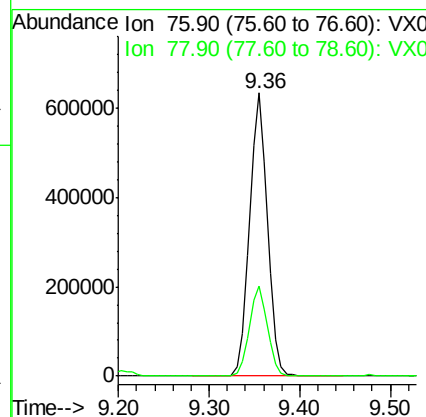
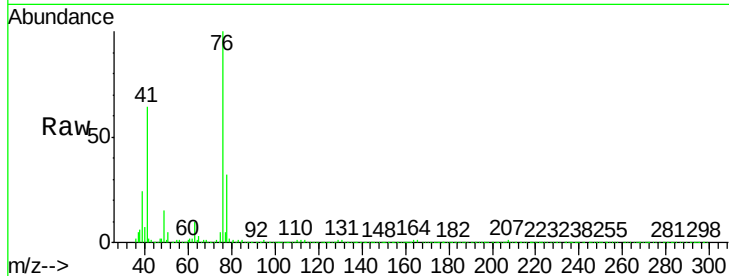
76 100

78 32.0 25.4 38.2

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#59

2-Hexanone

Concen: 251.044 ug/l

RT: 9.48 min Scan# 1409

Delta R.T. 0.00 min

Lab File: VX015876.D

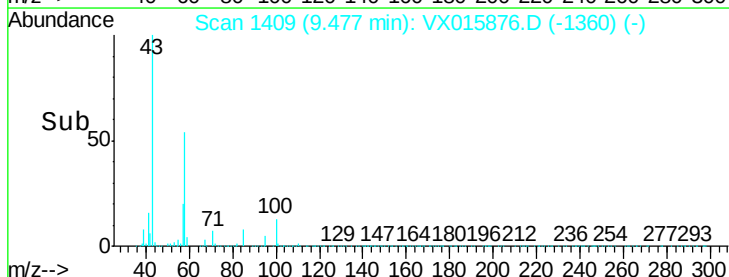
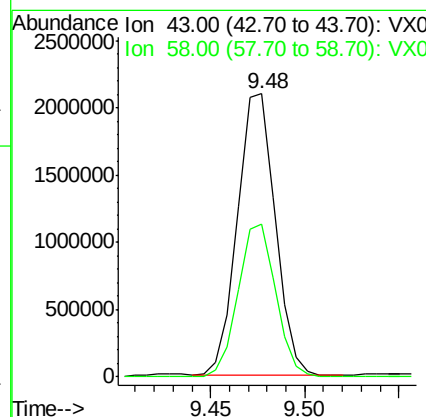
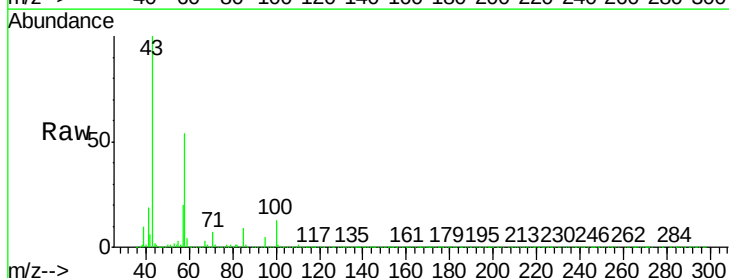
Acq: 23 Apr 2020 05:51

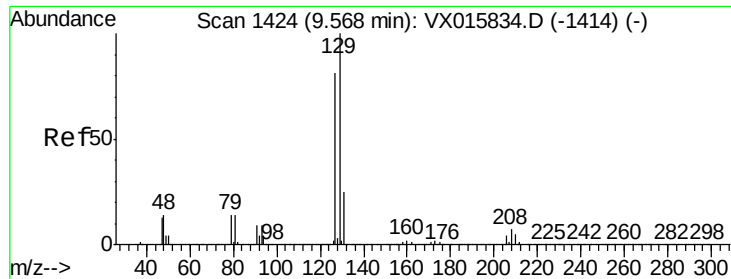
Tgt Ion: 43 Resp: 2927701

Ion Ratio Lower Upper

43 100

58 54.0 26.5 79.4





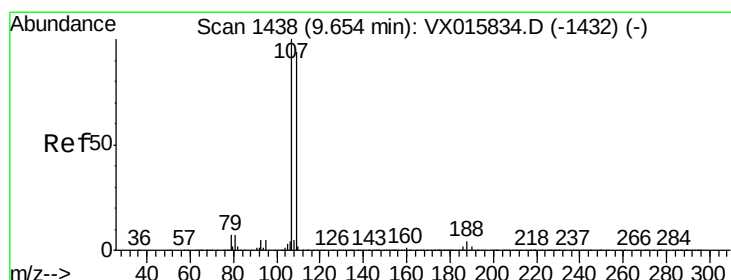
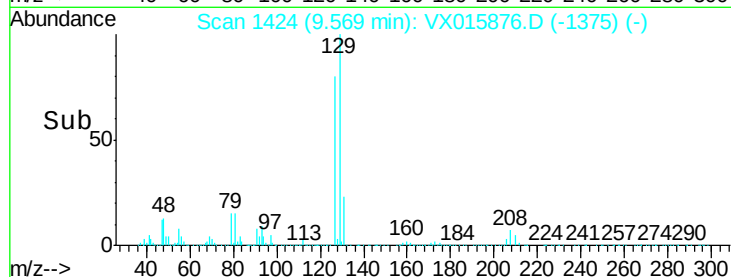
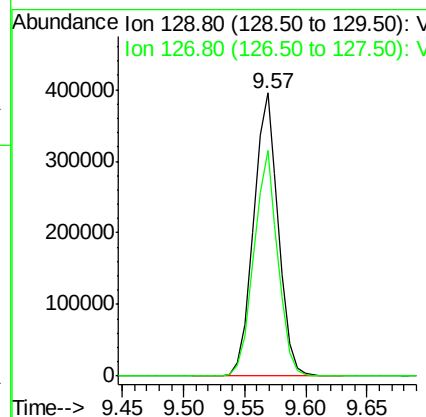
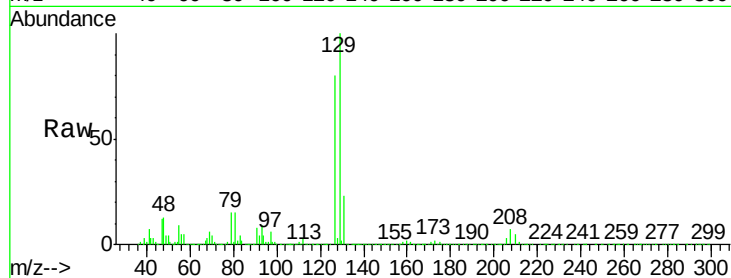
#60
 Dibromochloromethane
 Concen: 53.946 ug/l
 RT: 9.57 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.3	40.0	120.0

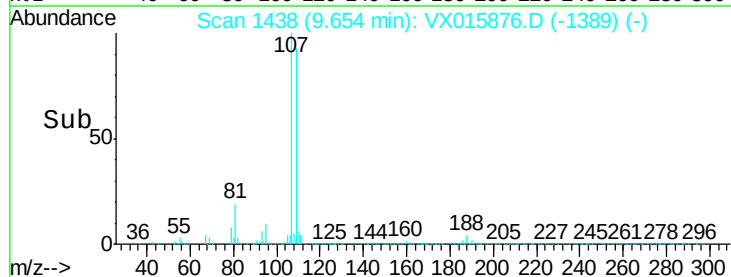
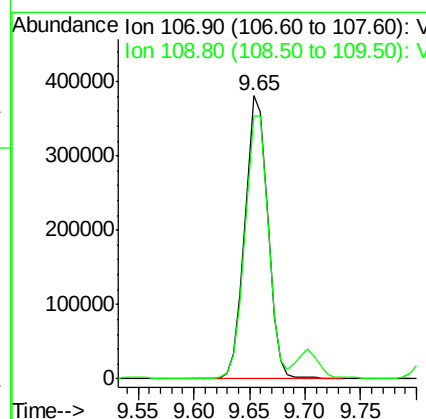
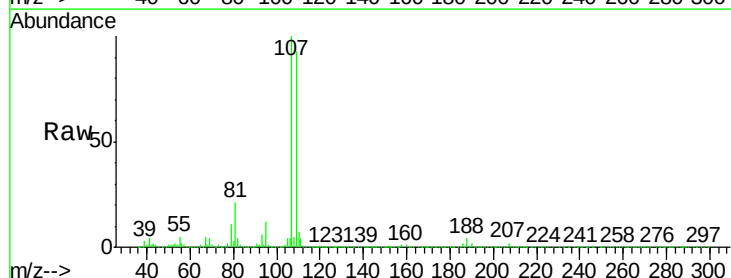
Manual Integrations
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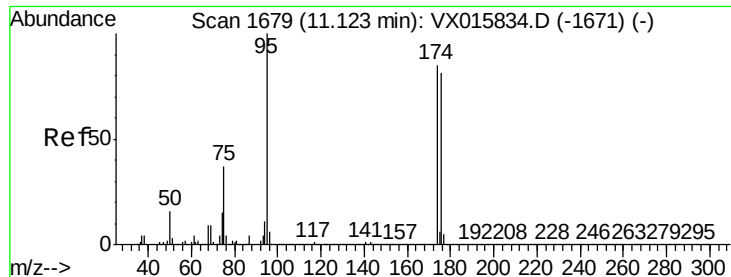
MMDadoda
 4/23/2020 12:16:49 PM



#61
 1,2-Dibromoethane
 Concen: 49.521 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Lower	Upper
107	100		
109	96.0	75.4	113.0





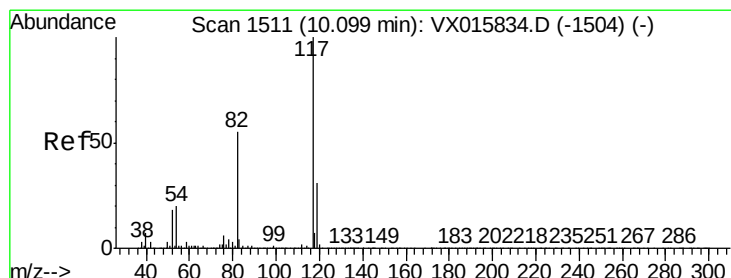
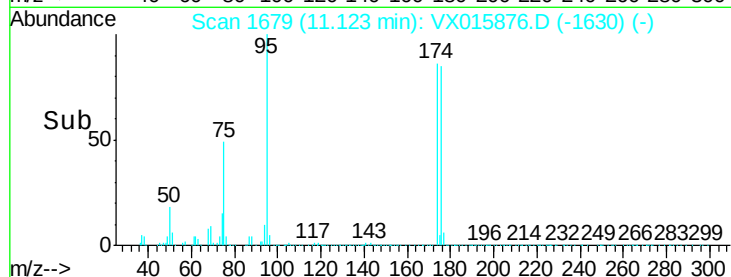
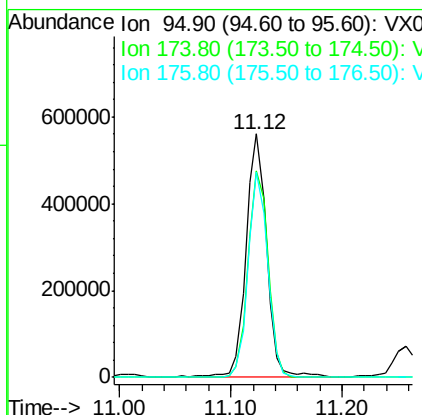
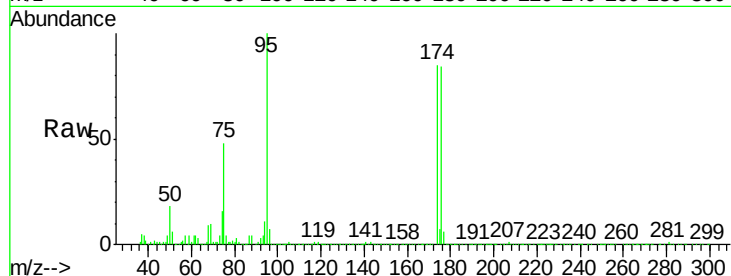
#62
4-Bromofluorobenzene
Concen: 49.799 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	707407		
174	84.5	0.0	172.4	
176	80.8	0.0	167.0	

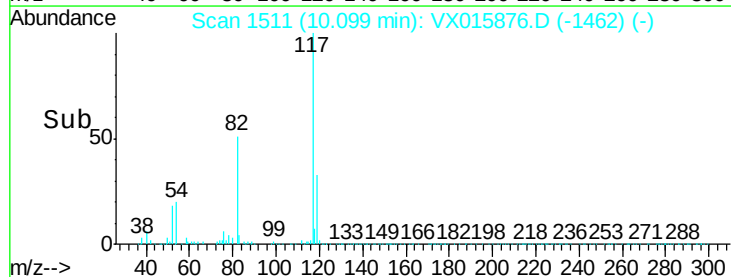
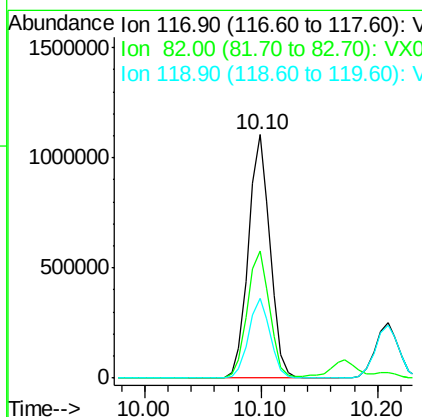
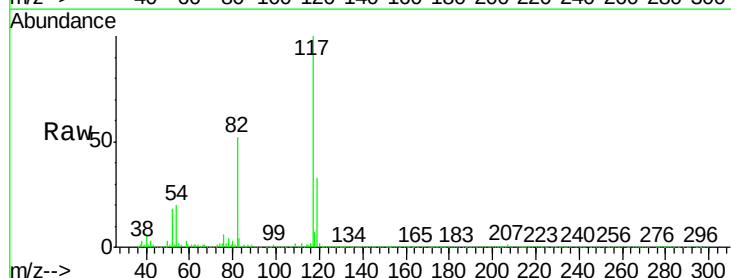
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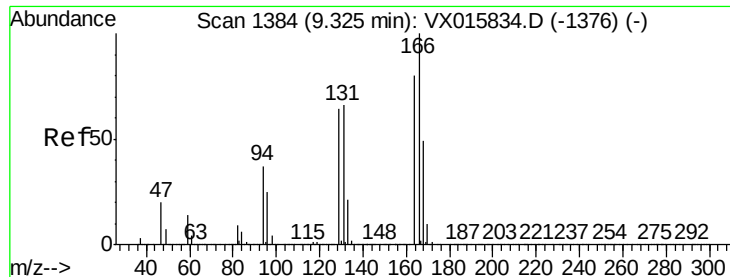
MMDadoda
4/23/2020 12:16:49 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1431038		
82	51.9	43.9	65.9	
119	32.6	25.1	37.7	





#64

Tetrachloroethene

Concen: 40.201 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion:164 Resp: 775435

Ion Ratio Lower Upper

164 100

166 126.5 100.2 150.2

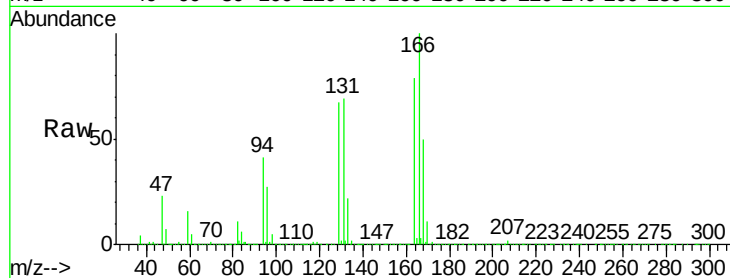
129 84.7 64.5 96.7

131 86.8 65.9 98.9

Manual Integrations
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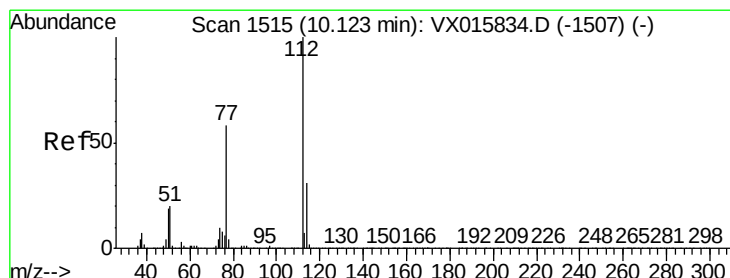
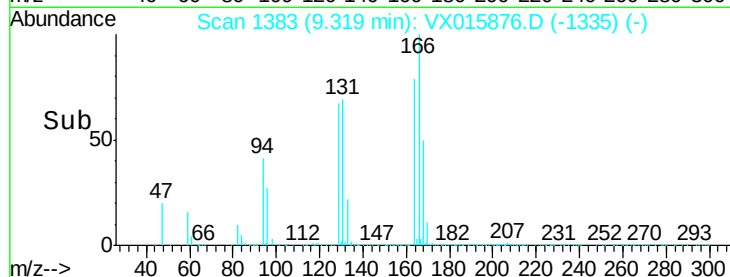
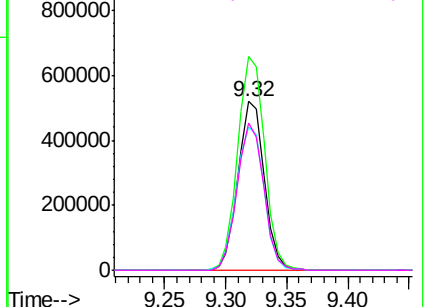


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.437 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015876.D

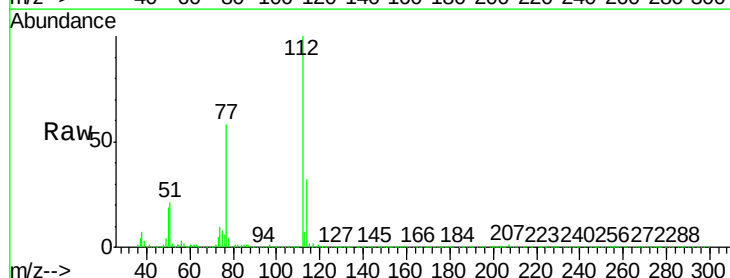
Acq: 23 Apr 2020 05:51

Tgt Ion:112 Resp: 1386090

Ion Ratio Lower Upper

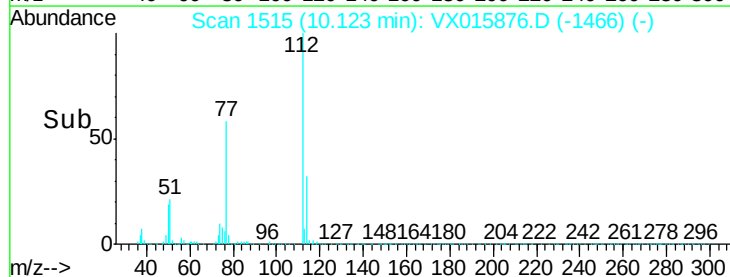
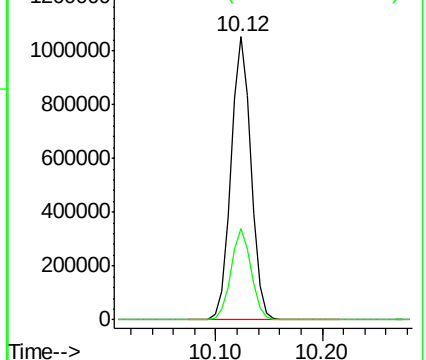
112 100

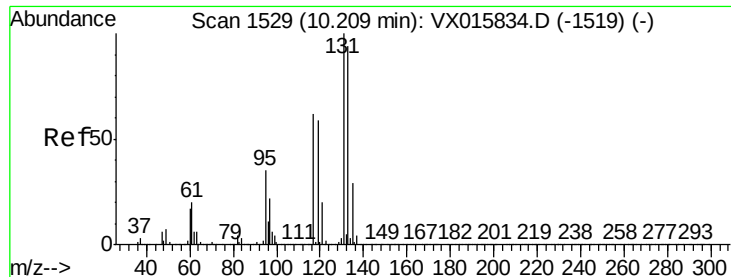
114 32.3 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 49.096 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

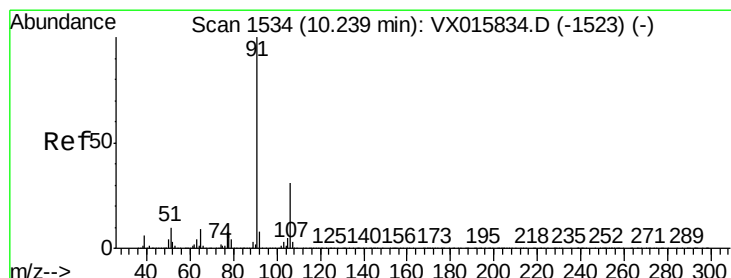
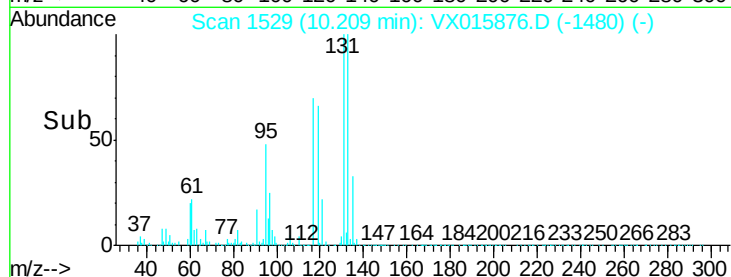
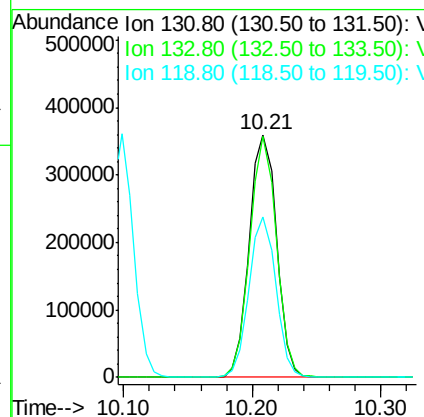
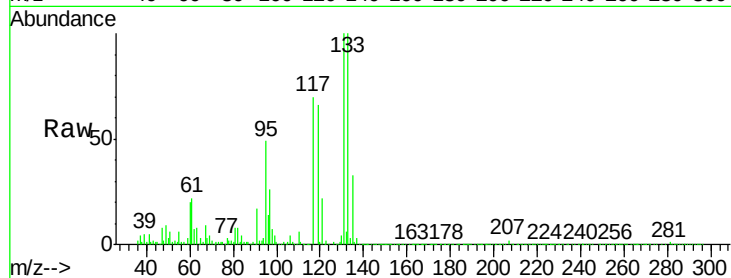
ClientSampleId :

KY001MW079-200421MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	525164		
133	95.9	47.0	141.2	
119	64.8	30.9	92.8	

Manual Integrations
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#67

Ethyl Benzene

Concen: 372.836 ug/l m

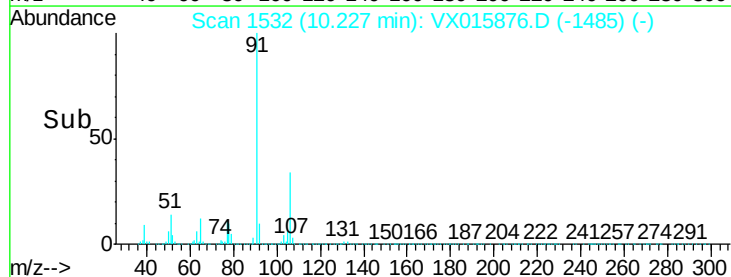
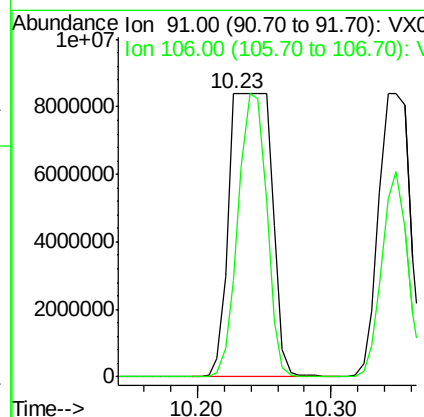
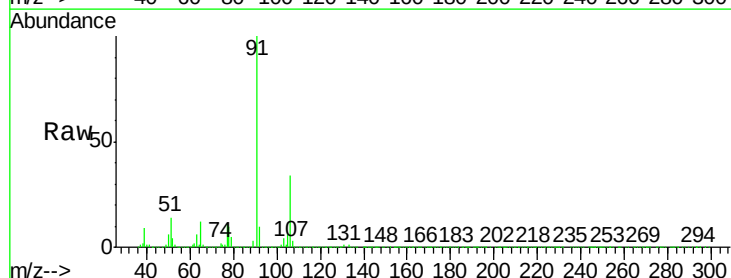
RT: 10.23 min Scan# 1532

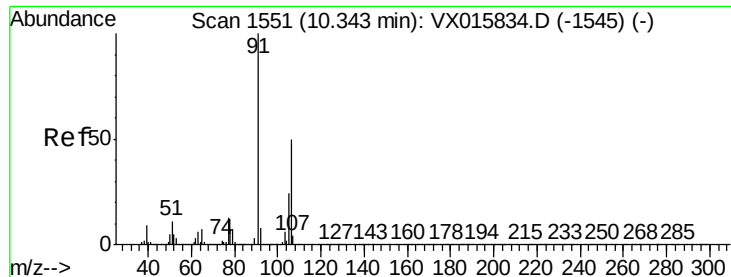
Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	18735889		
106	34.3	25.0	37.4	





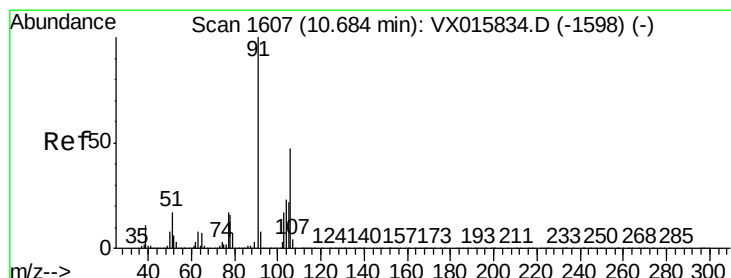
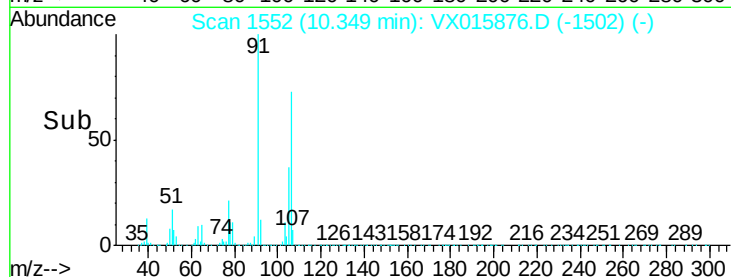
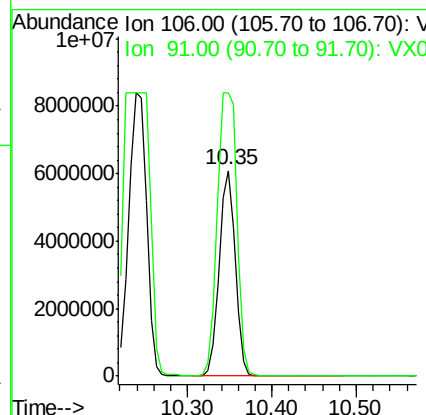
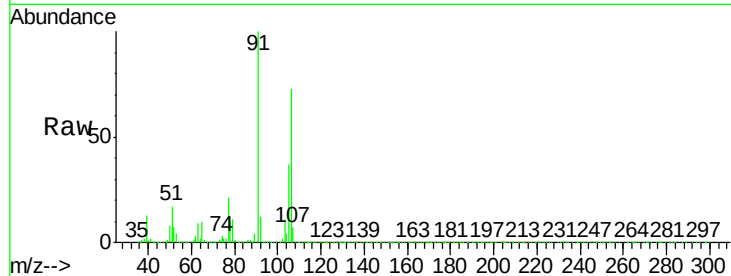
#68
m/p-Xylenes
Concen: 427.761 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. 0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion:106 Resp: 8068551
Ion Ratio Lower Upper
106 100
91 168.8 161.1 241.7

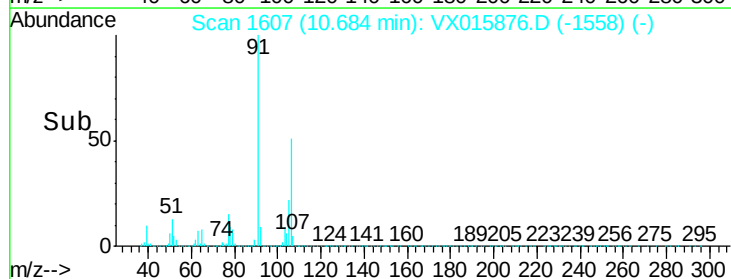
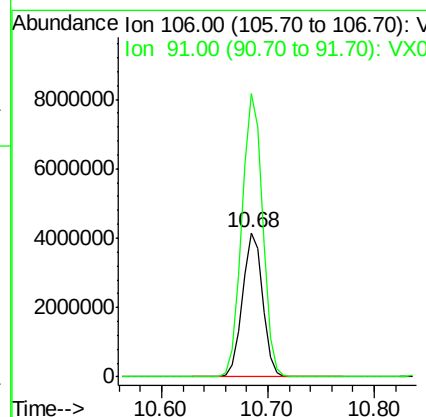
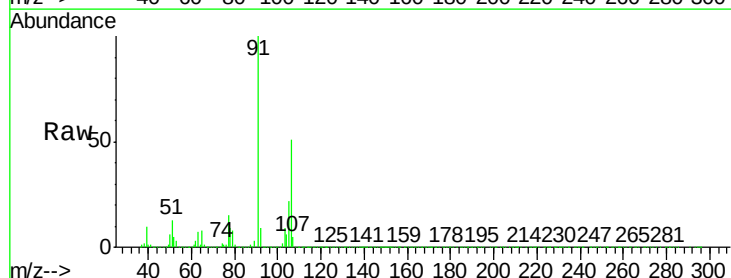
Manual Integrations
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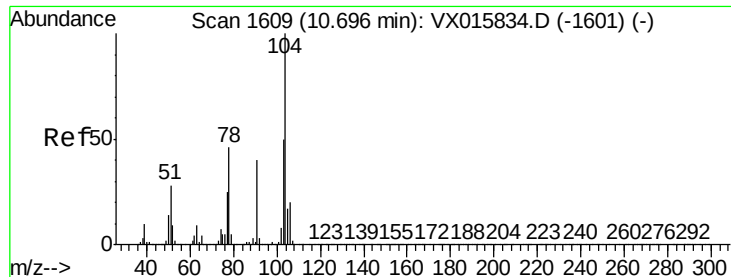
MMDadoda
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#69
o-Xylene
Concen: 298.214 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion:106 Resp: 5535303
Ion Ratio Lower Upper
106 100
91 202.2 107.1 321.3





#70

Stvrene

Concen: 54.907 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion:104 Resp: 1764676

Ion Ratio Lower Upper

104 100

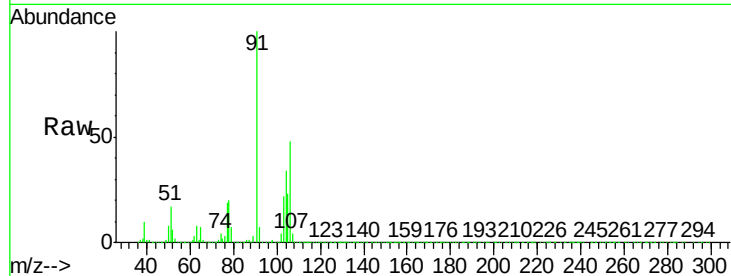
78 82.7 40.1 60.1#

103 83.0 43.3 64.9#

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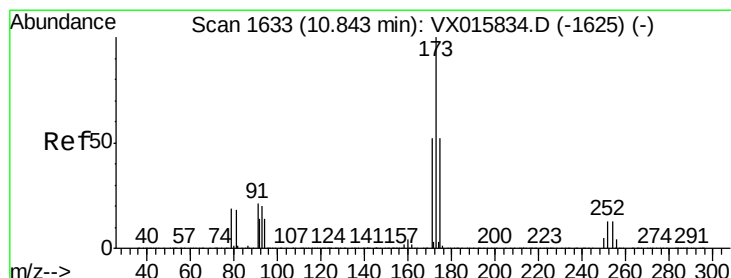
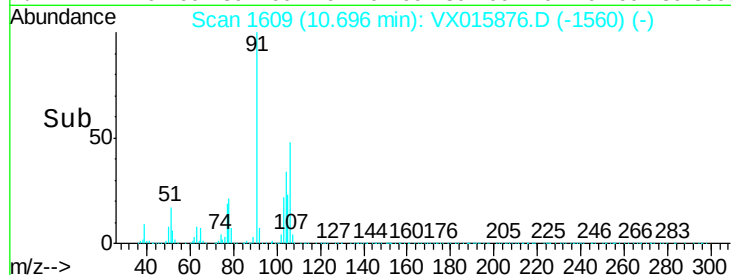
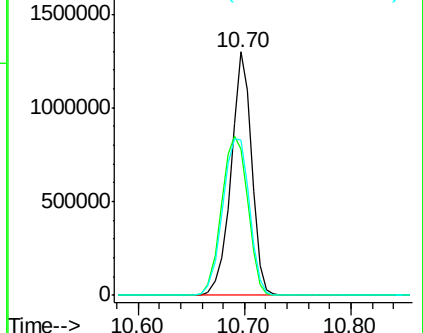
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Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 55.538 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

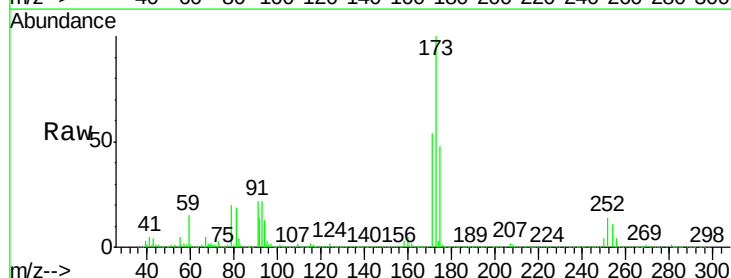
Tgt Ion:173 Resp: 387117

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.4

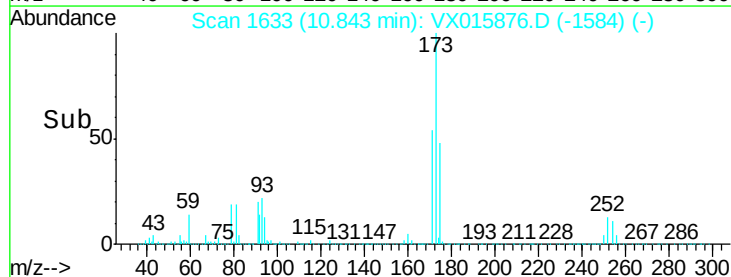
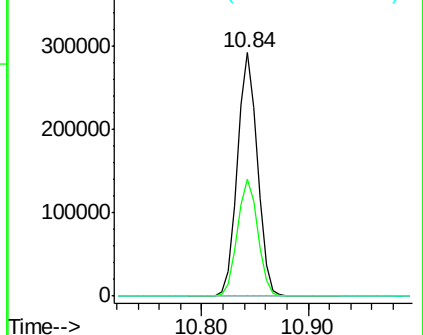
254 0.1 0.3 0.5#

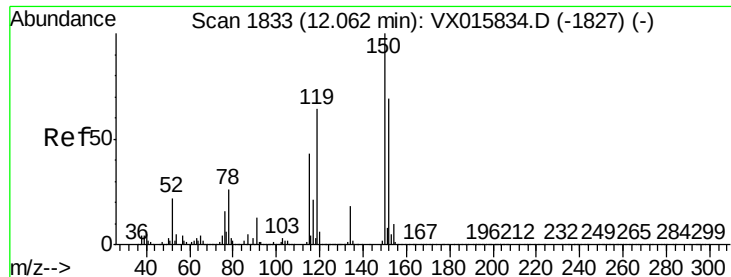


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion:152 Resp: 716889

Ion Ratio Lower Upper

152 100

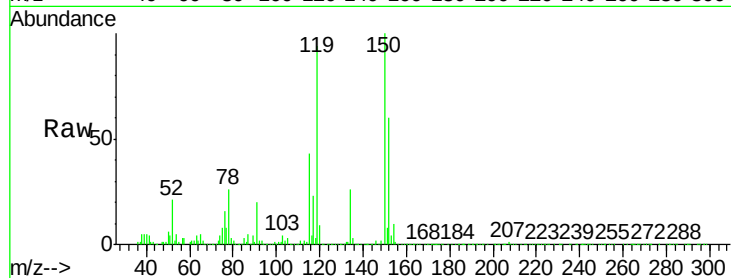
115 81.2 39.0 116.9

150 173.9 0.0 336.8

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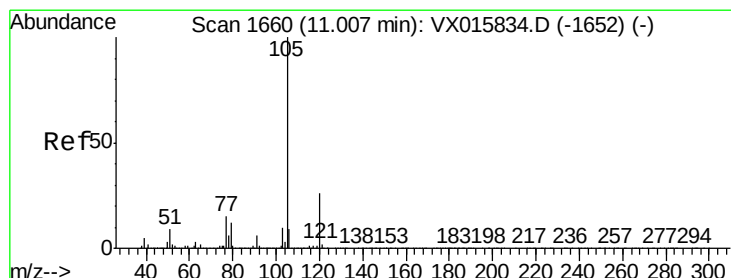
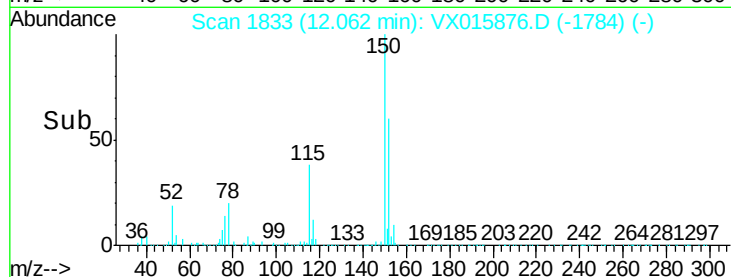
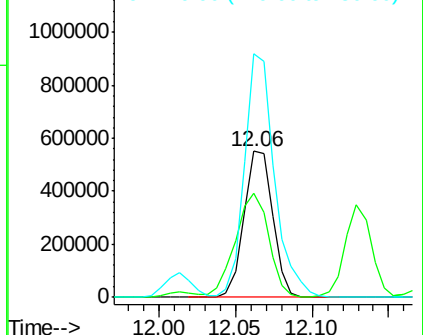


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 325.918 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015876.D

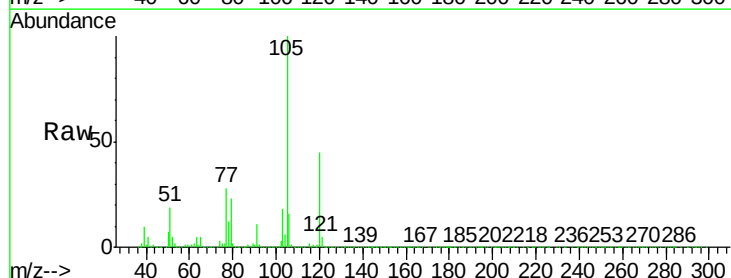
Acq: 23 Apr 2020 05:51

Tgt Ion:105 Resp:14838910

Ion Ratio Lower Upper

105 100

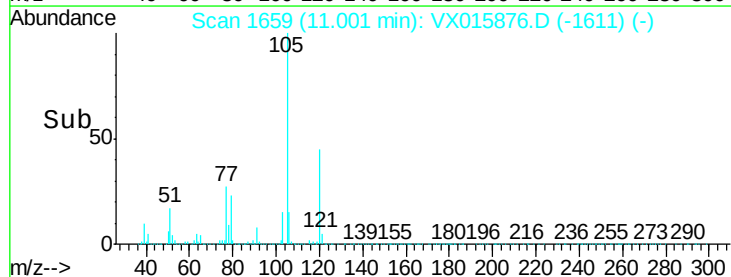
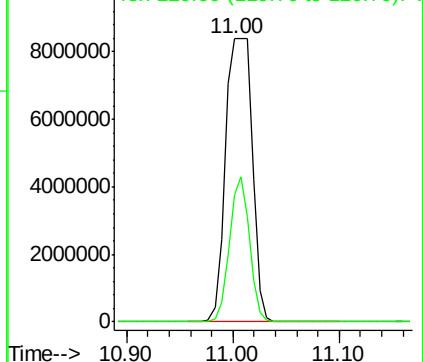
120 38.0 13.1 39.1

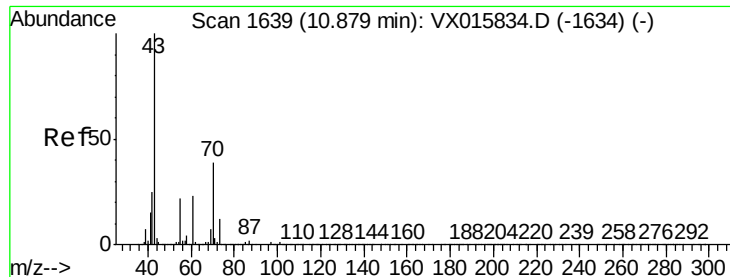


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.607 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion: 43 Resp: 1142487

Ion Ratio Lower Upper

43 100

70 41.5 32.6 49.0

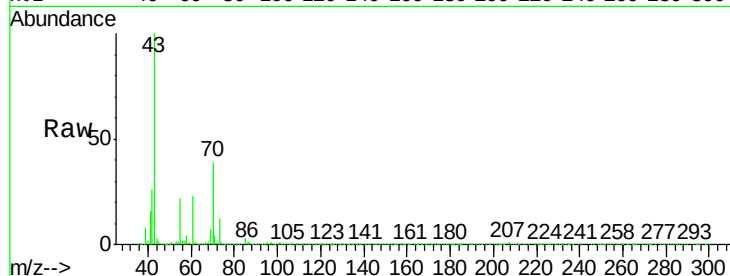
55 25.1 18.3 27.5

61 23.8 18.7 28.1

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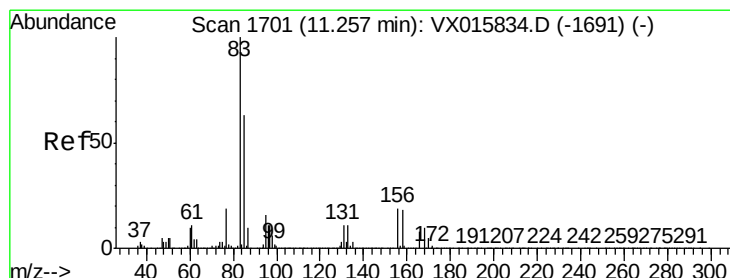
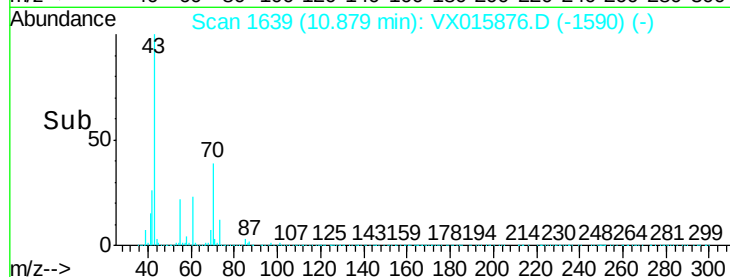
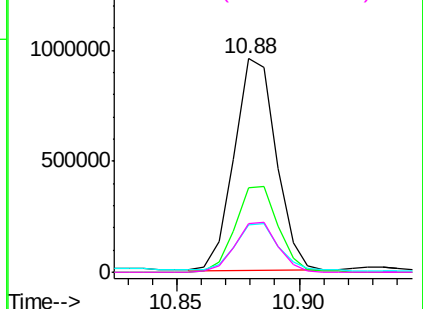


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 57.456 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

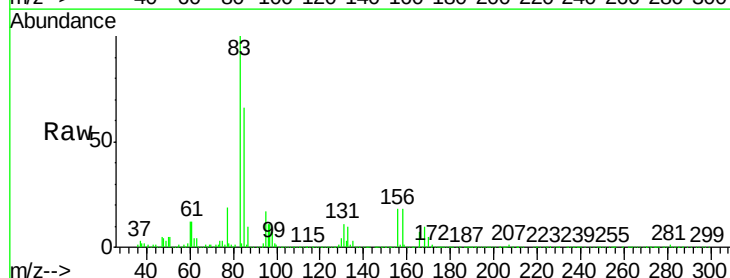
Tgt Ion: 83 Resp: 553620

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

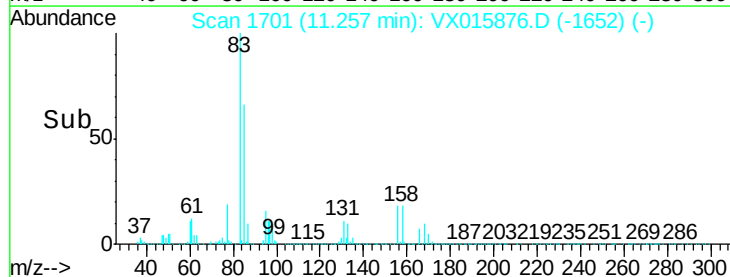
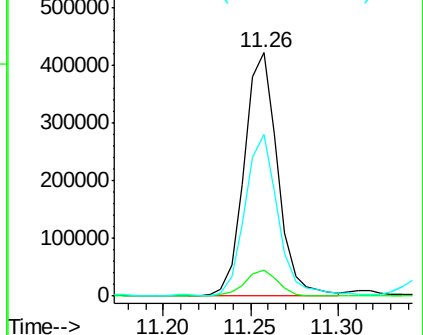
85 66.8 32.4 97.0

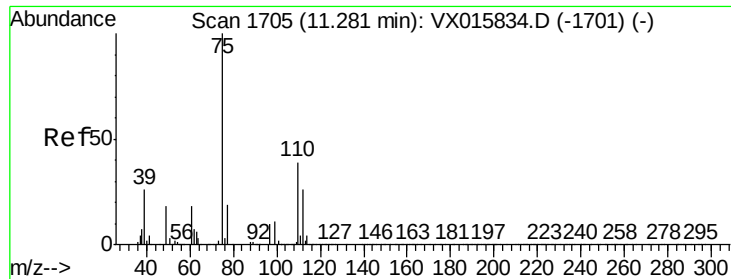


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





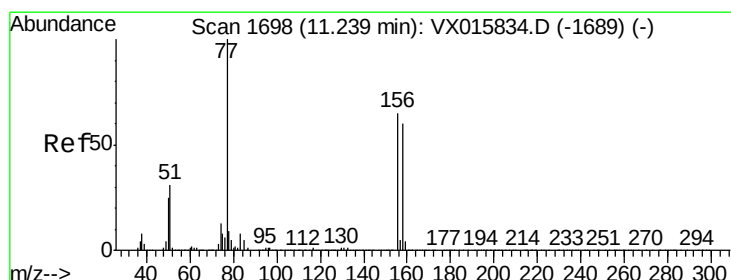
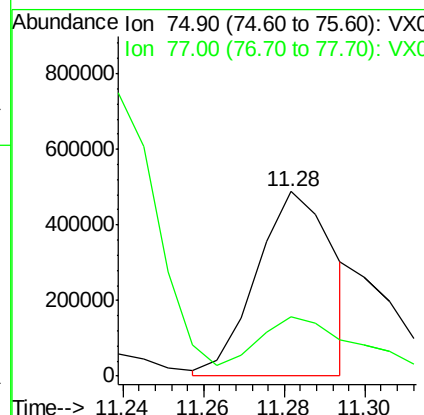
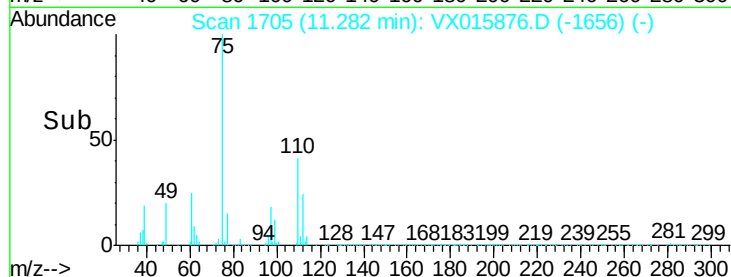
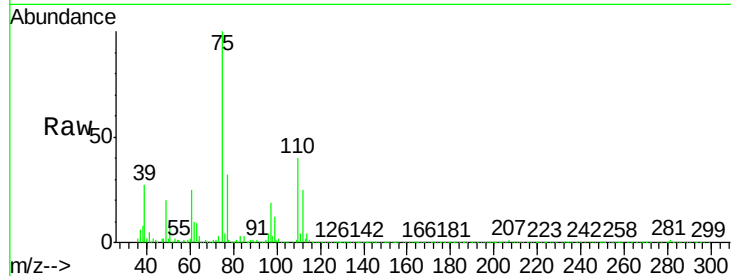
#76
 1,2,3-Trichloropropane
 Concen: 47.517 ug/l m
 RT: 11.28 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MSD

Tot Ion: 75 Resp: 647759
 Ion Ratio Lower Upper
 75 100
 77 41.8 21.3 63.9

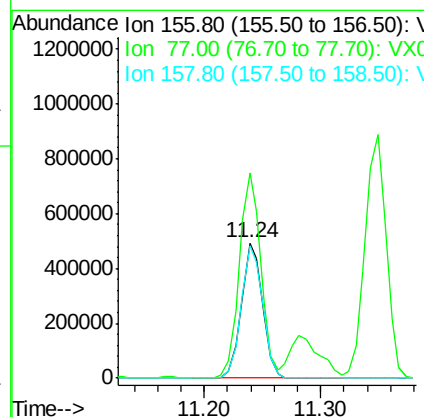
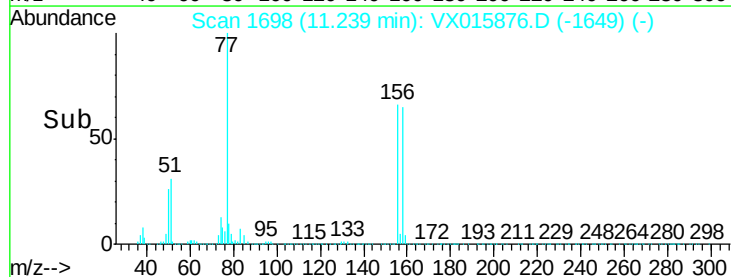
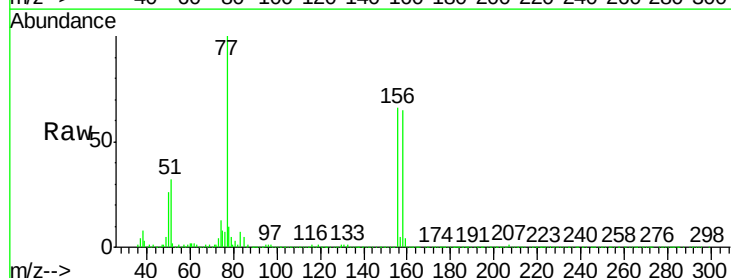
Manual Integrations
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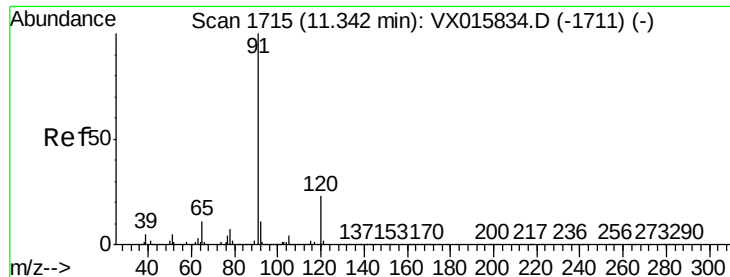
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#77
 Bromobenzene
 Concen: 49.953 ug/l
 RT: 11.24 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Tgt Ion: 156 Resp: 621424
 Ion Ratio Lower Upper
 156 100
 77 154.6 75.2 225.6
 158 99.4 47.9 143.6





#78

n-propylbenzene

Concen: 305.499 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion: 91 Resp: 15933705

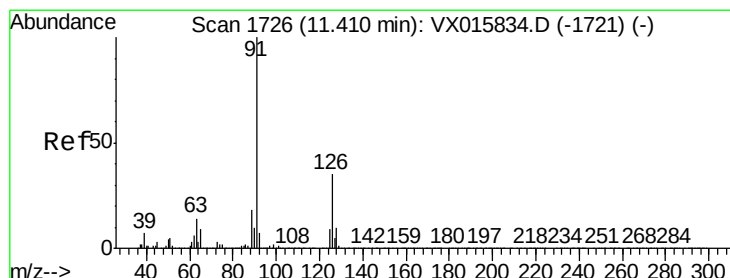
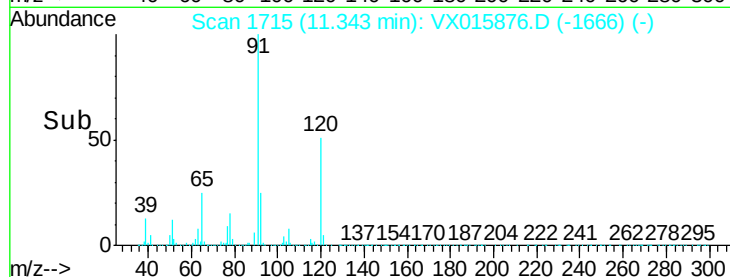
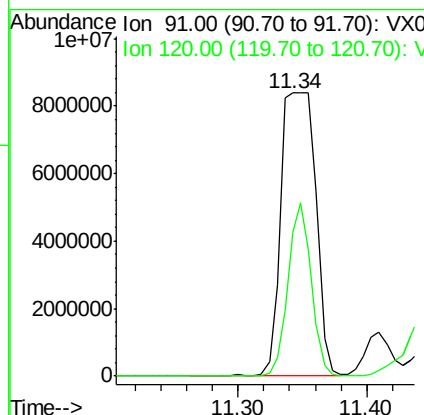
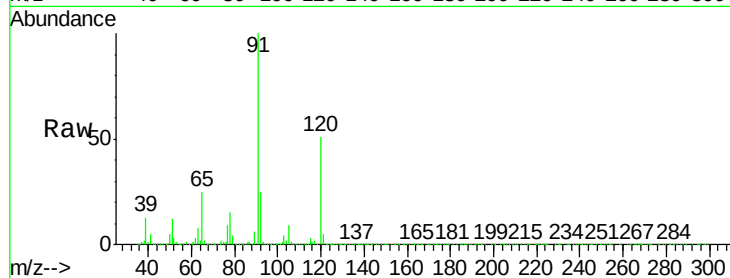
Ion Ratio Lower Upper

91 100

120 40.6 11.7 35.1#

Manual Integrations
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4/23/2020 12:16:49 PM



#79

2-Chlorotoluene

Concen: 58.321 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.00 min

Lab File: VX015876.D

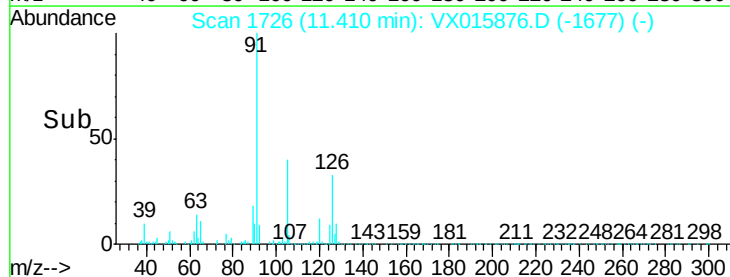
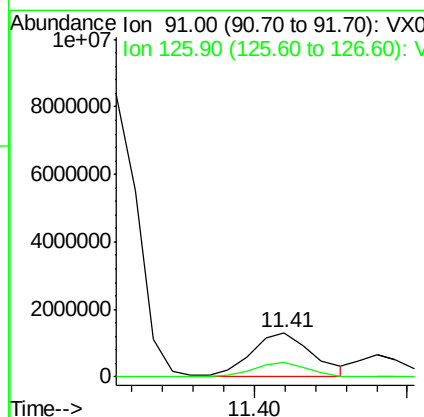
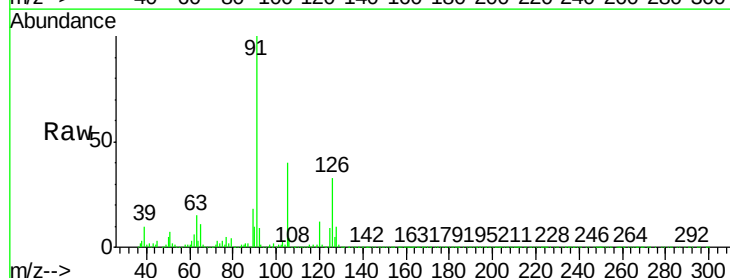
Acq: 23 Apr 2020 05:51

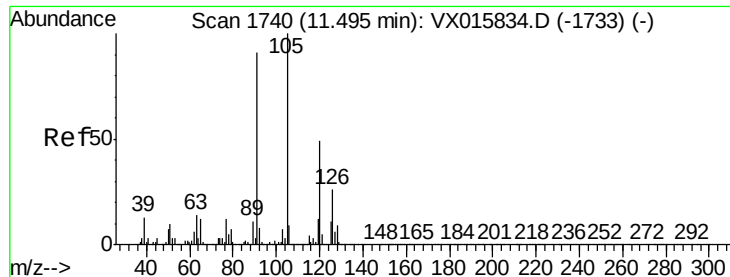
Tgt Ion: 91 Resp: 1827173

Ion Ratio Lower Upper

91 100

126 30.0 17.2 51.5





#80

1,3,5-Trimethylbenzene

Concen: 270.423 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion:105 Resp:10498451

Ion Ratio Lower Upper

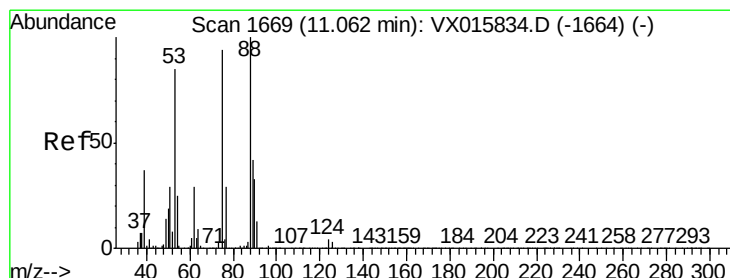
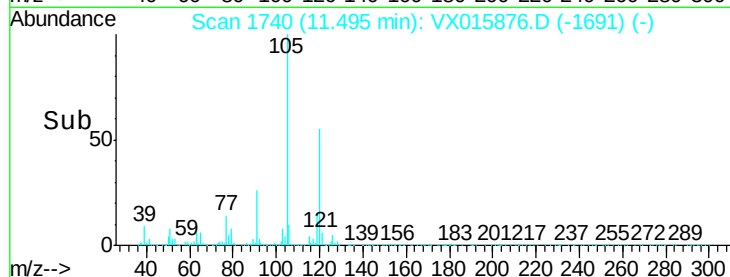
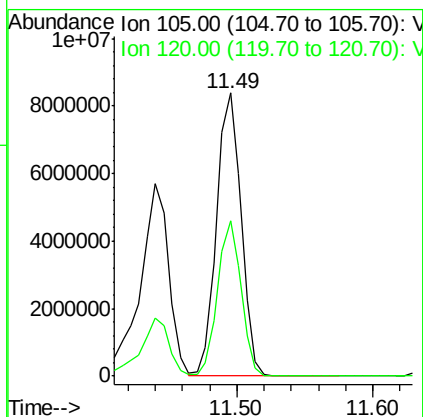
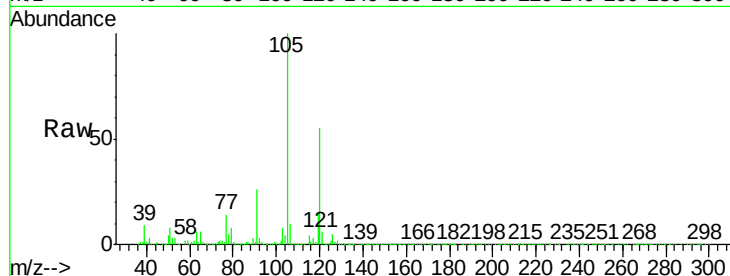
105 100

120 52.8 24.9 74.7

Manual Integrations
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#81

trans-1,4-Dichloro-2-butene

Concen: 39.502 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

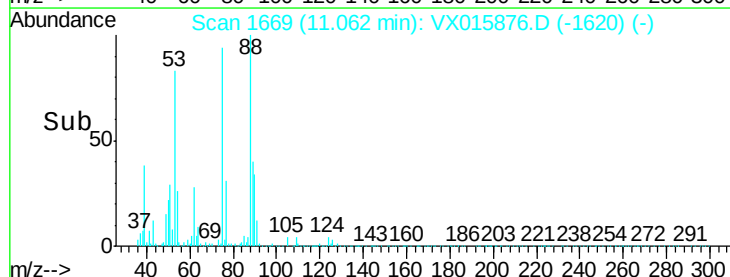
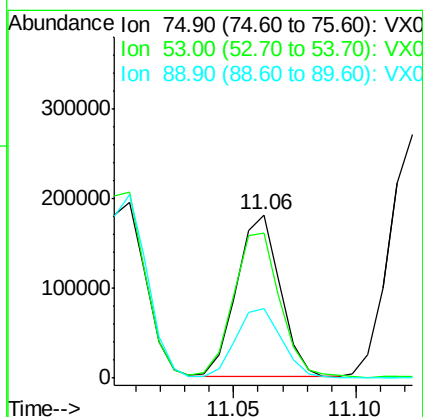
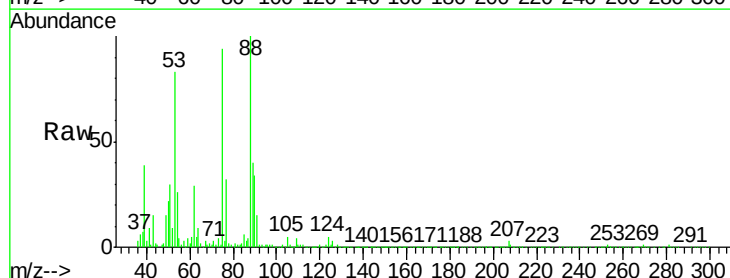
Tgt Ion: 75 Resp: 223859

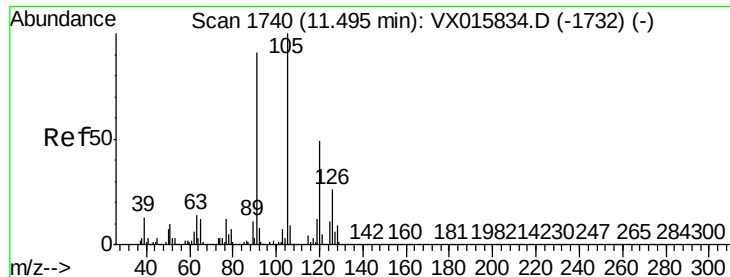
Ion Ratio Lower Upper

75 100

53 94.7 74.2 111.2

89 45.9 38.0 57.0





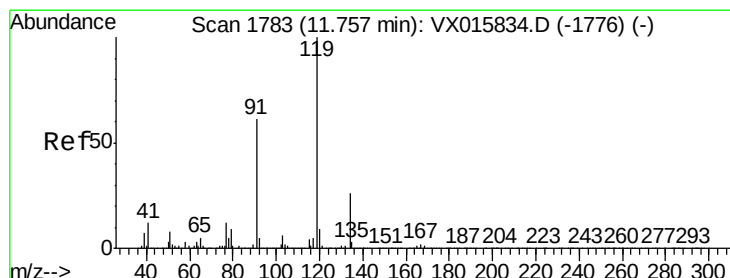
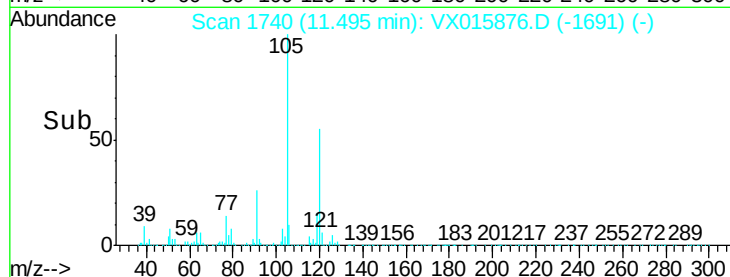
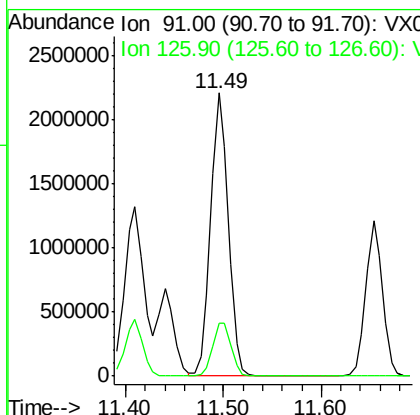
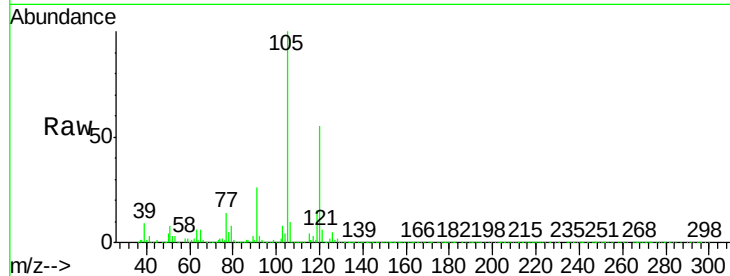
#82
4-Chlorotoluene
Concen: 74.405 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion: 91 Resp: 2770023
Ion Ratio Lower Upper
91 100
126 19.5 15.0 45.0

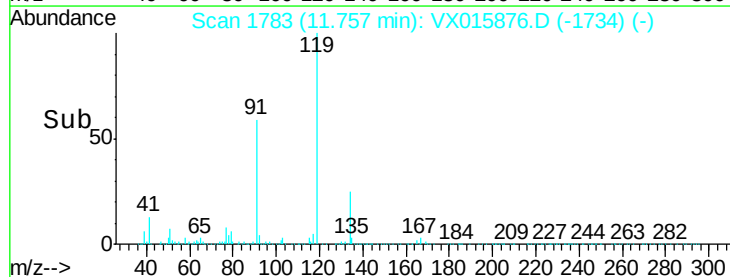
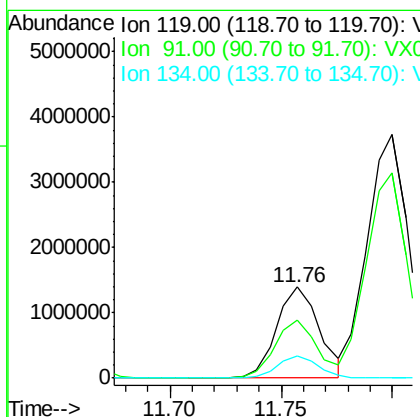
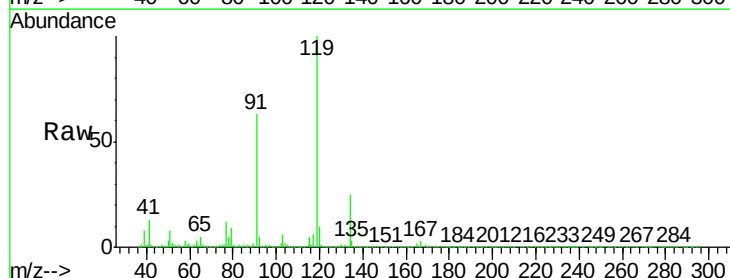
Manual Integrations
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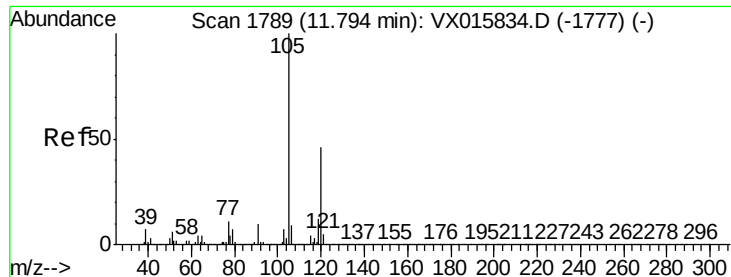
MMDadoda
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#83
tert-Butylbenzene
Concen: 53.559 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion: 119 Resp: 1844398
Ion Ratio Lower Upper
119 100
91 63.3 30.9 92.7
134 23.7 12.4 37.2





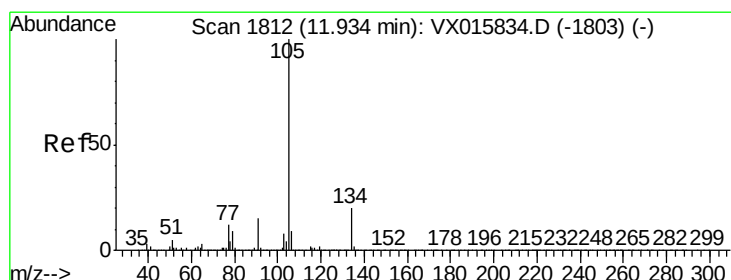
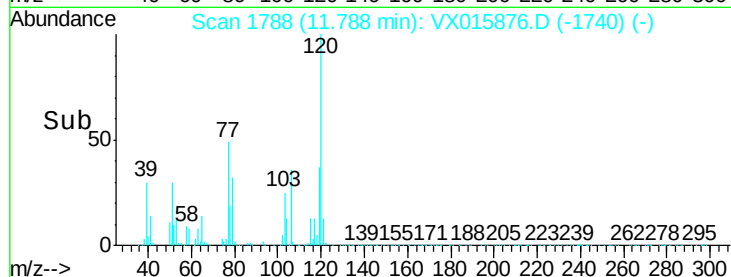
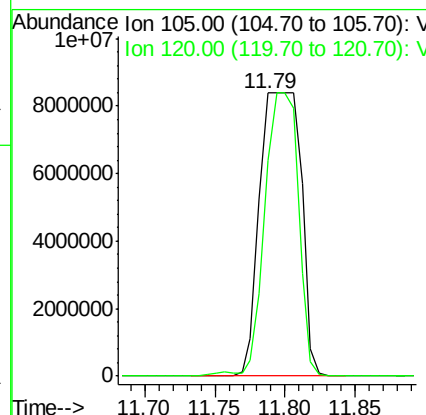
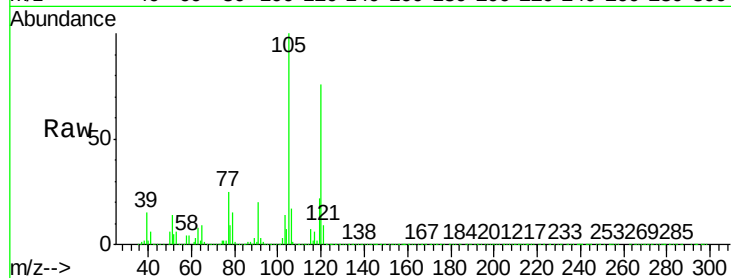
#84
 1,2,4-Trimethylbenzene
 Concen: 424.890 ug/l m
 RT: 11.79 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MSD

Tot Ion:105 Resp:17125127
 Ion Ratio Lower Upper
 105 100
 120 21.7 22.9 68.7#

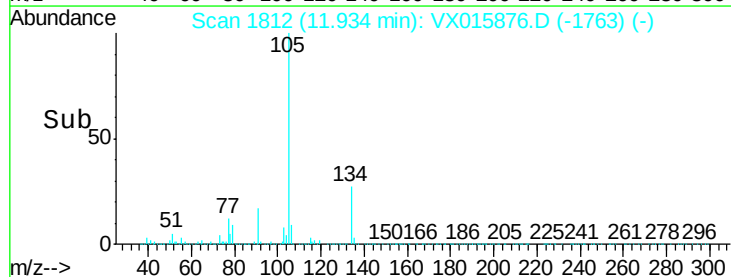
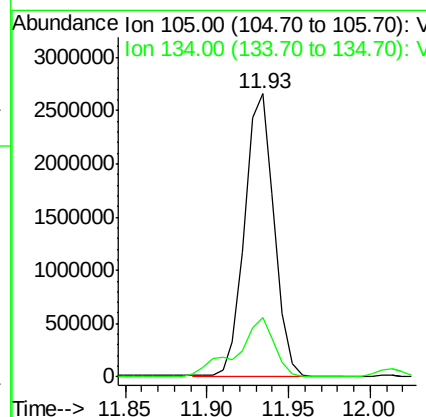
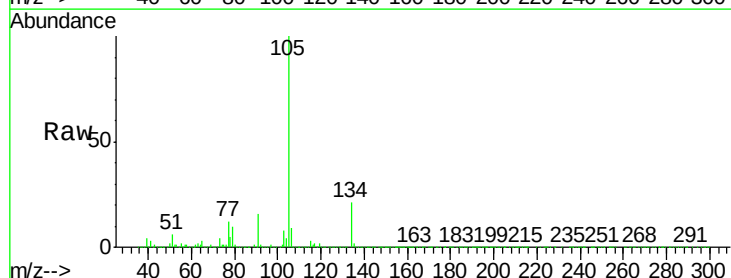
Manual Integrations
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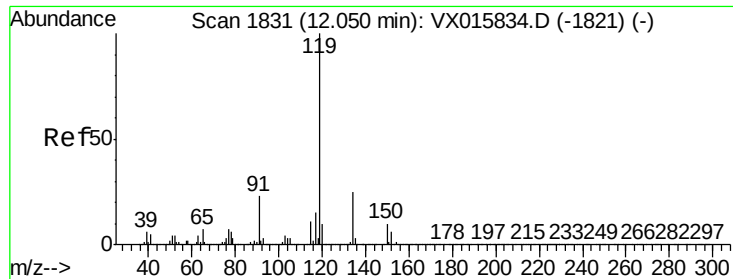
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 73.348 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Tgt Ion:105 Resp: 3329677
 Ion Ratio Lower Upper
 105 100
 134 27.0 10.3 30.8





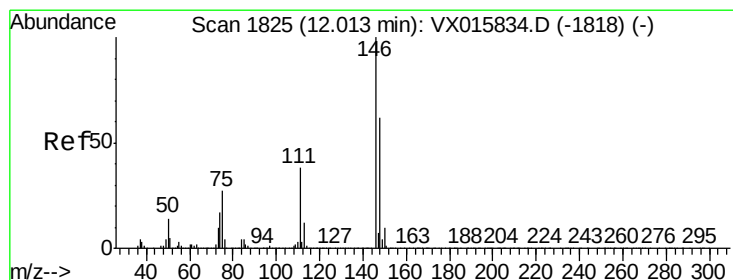
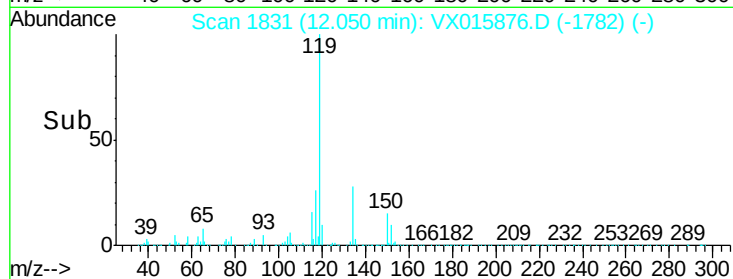
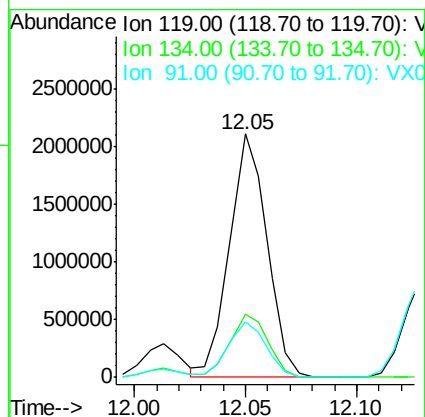
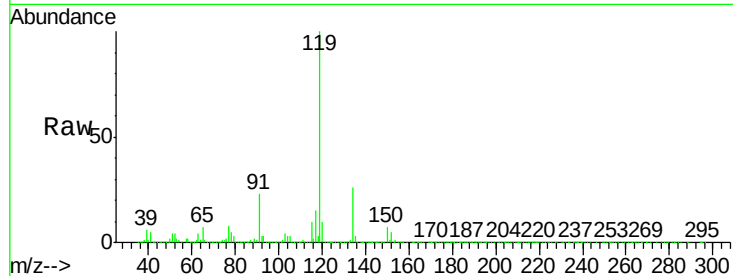
#86
 p-Isopropyltoluene
 Concen: 58.203 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MSD

Tot Ion:119 Resp: 2470621
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 38.9
 91 23.3 11.5 34.5

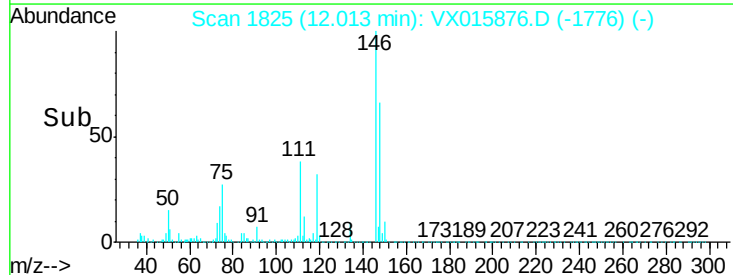
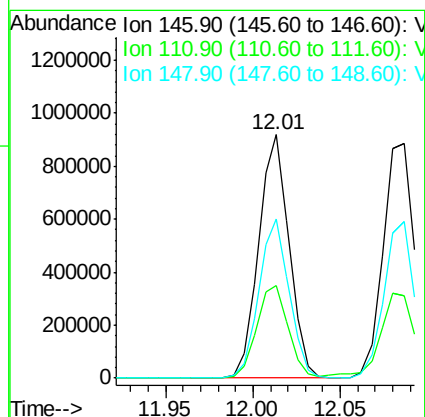
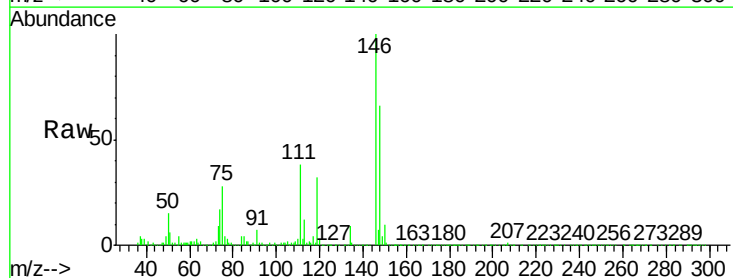
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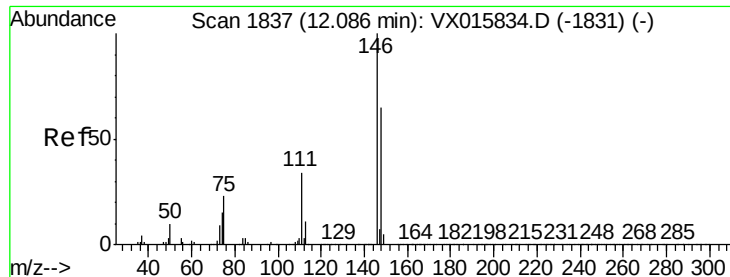
MMDadoda
 4/23/2020 12:16:49 PM



#87
 1,3-Dichlorobenzene
 Concen: 48.443 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Tgt Ion:146 Resp: 1106238
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.1
 148 65.0 30.9 92.7





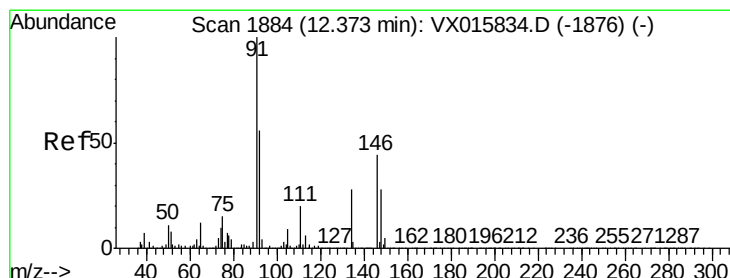
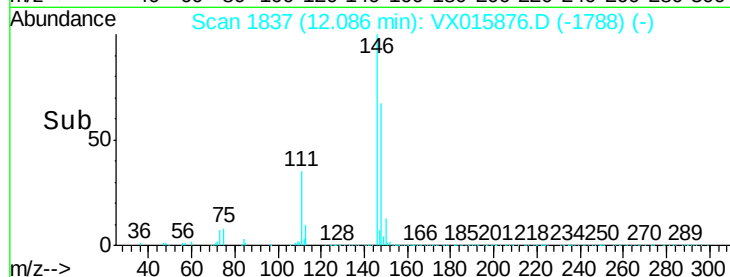
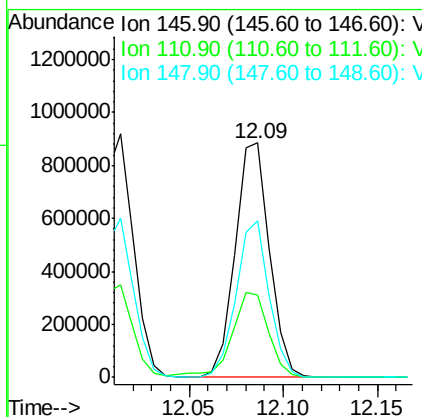
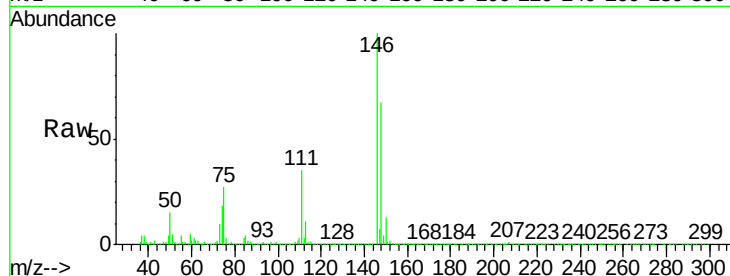
#88
 1,4-Dichlorobenzene
 Concen: 48.791 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.2
148	64.0	33.8	101.4

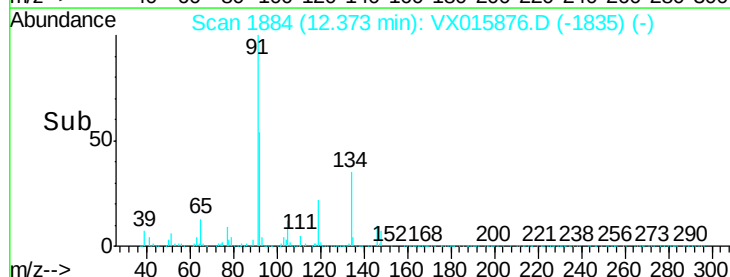
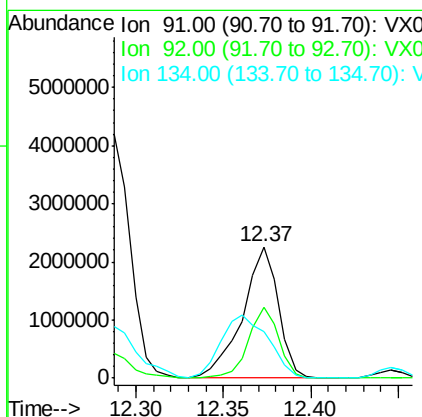
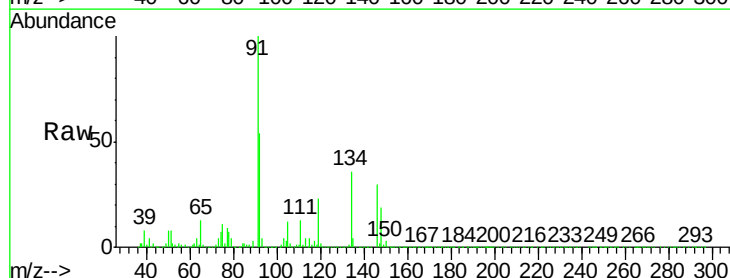
Manual Integrations
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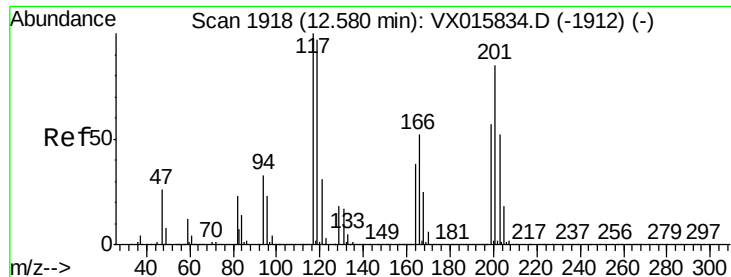
MMDadoda
 4/23/2020 12:16:49 PM



#89
 n-Butylbenzene
 Concen: 84.206 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	45.8	27.7	83.1
134	63.6	14.1	42.4





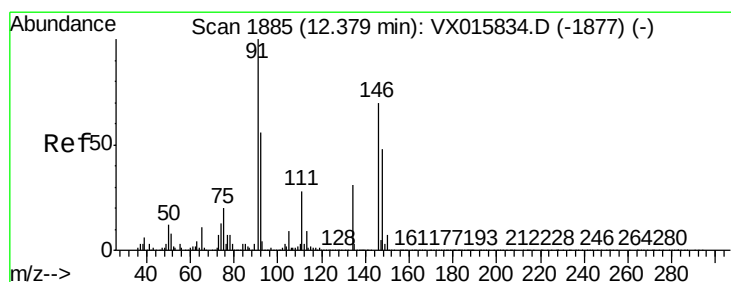
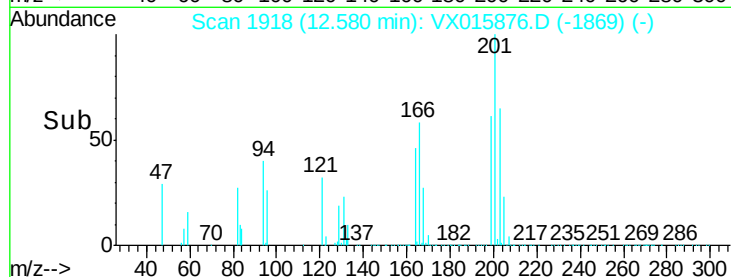
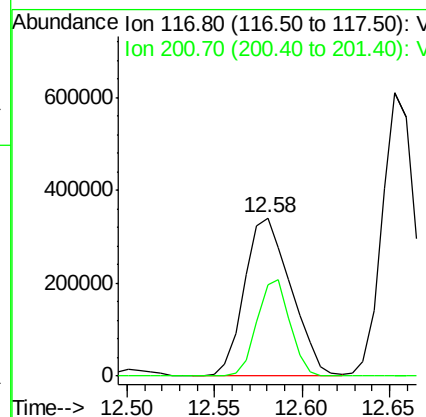
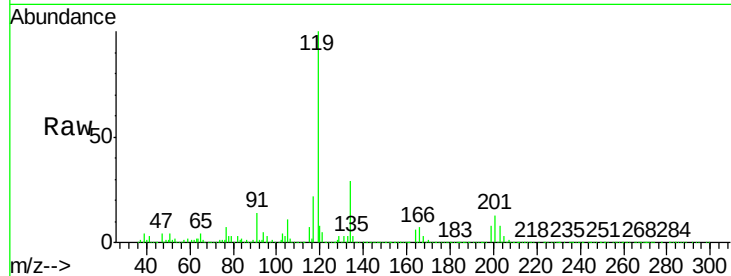
#90
Hexachloroethane
Concen: 138.987 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion	Ratio	Lower	Upper
117	100		
201	44.1	45.6	136.9#

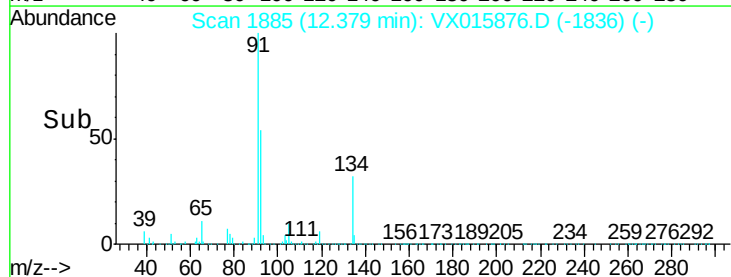
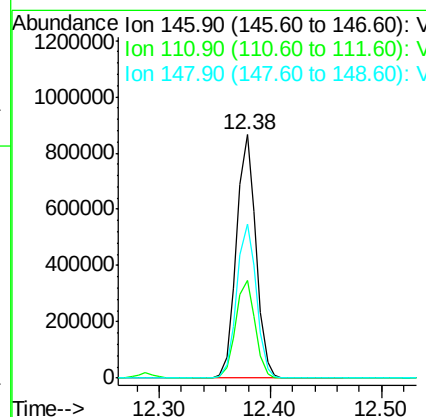
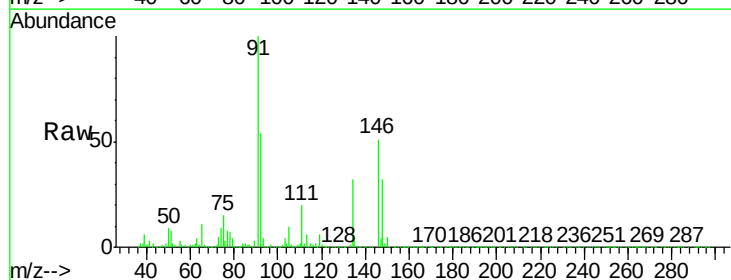
Manual Integrations
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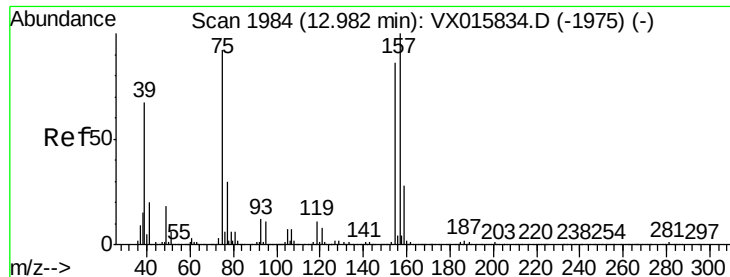
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 48.222 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	61.0
148	64.0	32.1	96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 79.728 ug/l

RT: 12.99 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

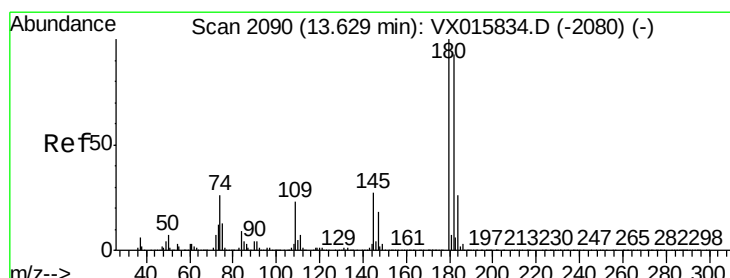
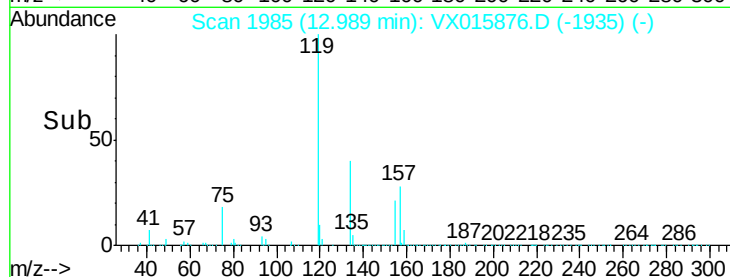
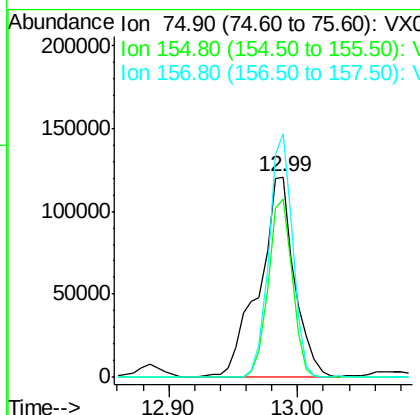
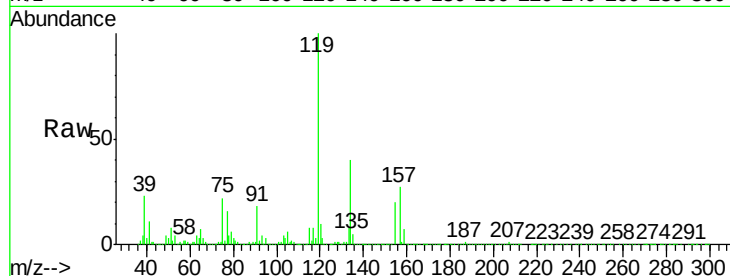
ClientSampleId :

KY001MW079-200421MSD

Tot Ion:	75	Resp:	227820
Ion Ratio	Lower	Upper	
75	100		
155	61.8	48.1	144.4
157	82.2	58.9	176.7

Manual Integrations
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#93

1,2,4-Trichlorobenzene

Concen: 49.752 ug/l

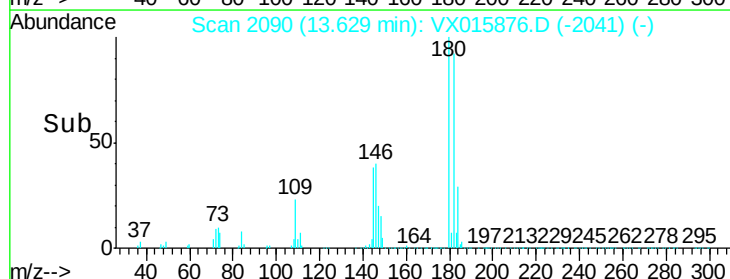
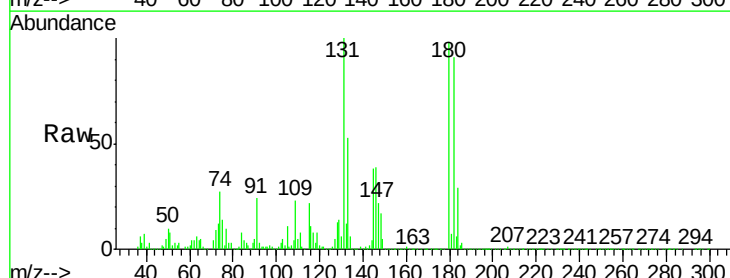
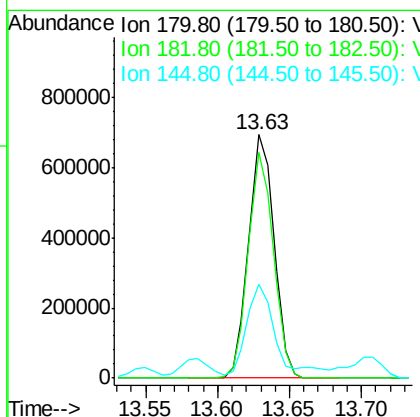
RT: 13.63 min Scan# 2090

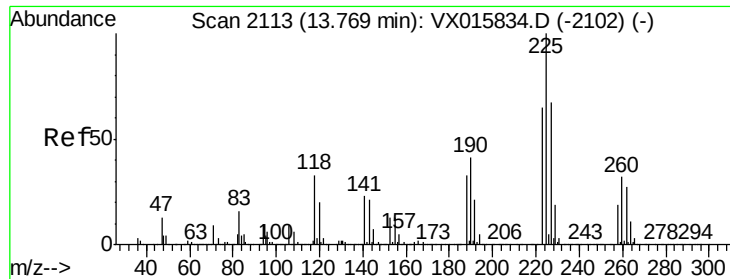
Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Tgt Ion:	180	Resp:	849023
Ion Ratio	Lower	Upper	
180	100		
182	91.4	47.7	143.1
145	44.8	14.5	43.5#





#94

Hexachlorobutadiene

Concen: 43.832 ug/l

RT: 13.77 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

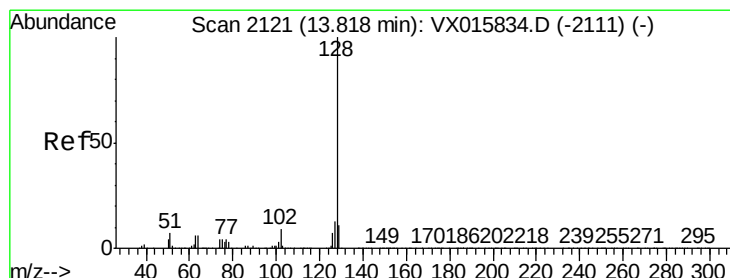
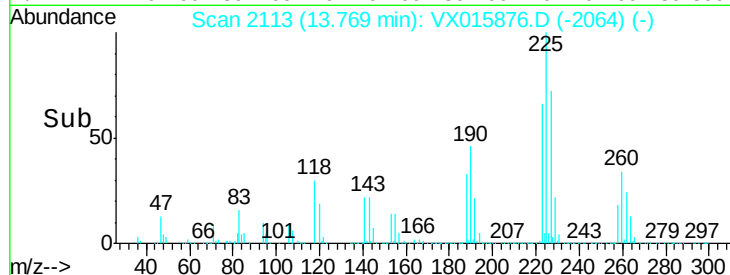
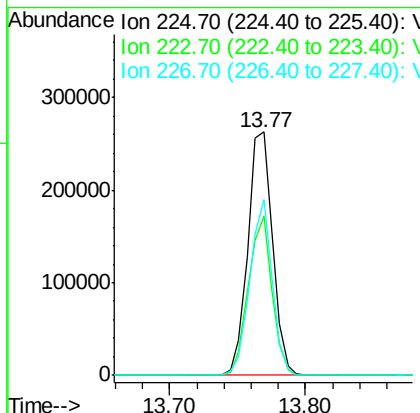
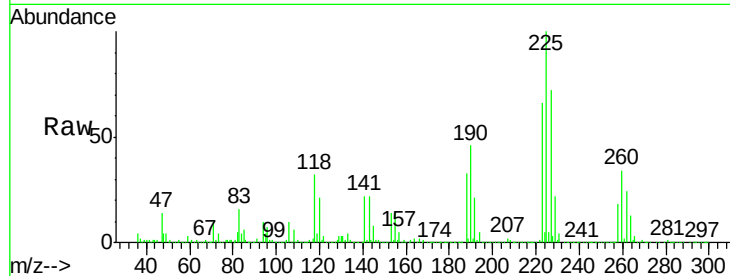
ClientSampleId :

KY001MW079-200421MSD

Tot Ion:	225	Resp:	335381
Ion Ratio		Lower	Upper
225	100		
223	62.2	31.3	93.8
227	65.5	32.6	97.8

Manual Integrations
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#95

Naphthalene

Concen: 264.140 ug/l

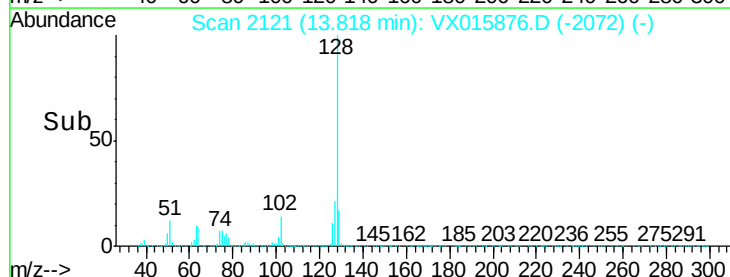
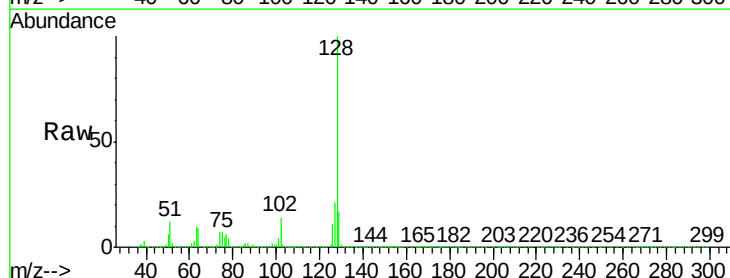
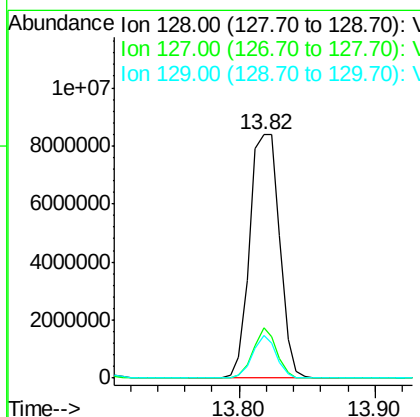
RT: 13.82 min Scan# 2121

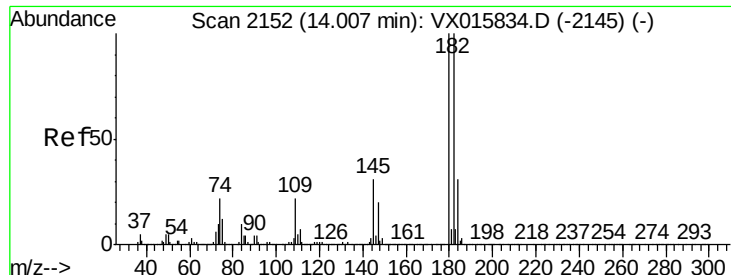
Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Tgt Ion:	128	Resp:	12968530
Ion Ratio		Lower	Upper
128	100		
127	16.3	10.5	15.7#
129	14.1	8.5	12.7#





#96
 1,2,3-Trichlorobenzene
 Concen: 48.712 ug/l
 RT: 14.01 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MSD

Tot Ion:	180	Resp:	811015
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.9	143.7
145	33.6	15.2	45.5

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 12:16:49 PM

