

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012120\
 Data File : VY001323.D
 Acq On : 21 Jan 2020 15:46
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 10:49:39 AM

Quant Time: Jan 21 16:38:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 16:22:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	190208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	339062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	301927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	143749	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	106046	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
35) Dibromofluoromethane	7.75	113	98157	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.19	98	400147	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.49	95	152576	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.92	85	75005	50.893	ug/l 100
3) Chloromethane	2.13	50	108950	50.902	ug/l 100
4) Vinyl Chloride	2.27	62	117131	54.217	ug/l 100
5) Bromomethane	2.68	94	75632	63.217	ug/l 100
6) Chloroethane	2.82	64	74484	58.560	ug/l 100
7) Trichlorofluoromethane	3.16	101	149596	50.186	ug/l 100
8) Diethyl Ether	3.56	74	62007	53.159	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.94	101	96542	50.471	ug/l 100
10) Methyl Iodide	4.13	142	133976	51.138	ug/l 100
11) Tert butyl alcohol	5.00	59	61787	289.170	ug/l 100
12) 1,1-Dichloroethene	3.91	96	98839	50.419	ug/l 100
13) Acrolein	3.77	56	34845	197.483	ug/l 100
14) Allyl chloride	4.52	41	177067	53.035	ug/l 100
15) Acrylonitrile	5.21	53	159595	270.957	ug/l 100
16) Acetone	3.99	43	140789	288.485	ug/l 100
17) Carbon Disulfide	4.23	76	309930	49.234	ug/l 100
18) Methyl Acetate	4.52	43	81079	51.457	ug/l 100
19) Methyl tert-butyl Ether	5.27	73	289864	53.018	ug/l 100
20) Methylene Chloride	4.77	84	123842	46.608	ug/l 100
21) trans-1,2-Dichloroethene	5.27	96	114727	51.534	ug/l 100
22) Diisopropyl ether	6.16	45	371864	54.315	ug/l 100
23) Vinyl Acetate	6.10	43	1224450	278.634	ug/l 100
24) 1,1-Dichloroethane	6.07	63	197756	52.991	ug/l 100
25) 2-Butanone	7.02	43	218199	289.105	ug/l 100
26) 2,2-Dichloropropane	7.02	77	171250	50.218	ug/l 100
27) cis-1,2-Dichloroethene	7.02	96	128651	52.570	ug/l 100
28) Bromochloromethane	7.37	49	85165	55.985	ug/l 100
29) Tetrahydrofuran	7.38	42	142508	278.225	ug/l 100
30) Chloroform	7.54	83	190290	52.269	ug/l 100
31) Cyclohexane	7.82	56	189062	48.429	ug/l 100
32) 1,1,1-Trichloroethane	7.74	97	164338	51.107	ug/l 100
36) 1,1-Dichloropropene	7.94	75	154926	49.933	ug/l 100
37) Ethyl Acetate	7.11	43	95148	51.632	ug/l 100
38) Carbon Tetrachloride	7.93	117	140433	49.532	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	201489	48.235	ug/l	100
40) Benzene	8.19	78	467285	51.299	ug/l	100
41) Methacrylonitrile	7.35	41	46794m	53.862	ug/l	
42) 1,2-Dichloroethane	8.26	62	130980	51.381	ug/l	100
43) Isopropyl Acetate	8.30	43	188993	53.449	ug/l	100
44) Trichloroethene	8.96	130	118340	50.234	ug/l	100
45) 1,2-Dichloropropane	9.24	63	118948	52.506	ug/l	100
46) Dibromomethane	9.32	93	63211	51.466	ug/l	100
47) Bromodichloromethane	9.51	83	150990	50.567	ug/l	100
48) Methyl methacrylate	9.31	41	84452	51.960	ug/l	100
49) 1,4-Dioxane	9.32	88	17607	1160.845	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	479831	267.306	ug/l	100
52) Toluene	10.25	92	296297	51.138	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	171765	51.372	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	194088	51.425	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	95092	52.057	ug/l	100
56) Ethyl methacrylate	10.52	69	143867	51.627	ug/l	100
57) 1,3-Dichloropropane	10.80	76	164363	52.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	212973	219.877	ug/l	100
59) 2-Hexanone	10.84	43	342047	271.743	ug/l	100
60) Dibromochloromethane	10.99	129	105498	50.595	ug/l	100
61) 1,2-Dibromoethane	11.10	107	90326	50.903	ug/l	100
64) Tetrachloroethene	10.72	164	92038	47.689	ug/l	100
65) Chlorobenzene	11.52	112	308097	50.785	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	106876	51.157	ug/l	100
67) Ethyl Benzene	11.60	91	570402	51.345	ug/l	100
68) m/p-Xylenes	11.71	106	428781	102.627	ug/l	100
69) o-Xylene	12.03	106	205939	51.260	ug/l	100
70) Styrene	12.05	104	361991	51.413	ug/l	100
71) Bromoform	12.22	173	63571	49.707	ug/l #	100
73) Isopropylbenzene	12.33	105	554627	51.003	ug/l	100
74) N-amyl acetate	12.15	43	183986	53.728	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	120696	52.337	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	85584m	53.848	ug/l	
77) Bromobenzene	12.61	156	122812	51.088	ug/l	100
78) n-propylbenzene	12.67	91	674306	51.509	ug/l	100
79) 2-Chlorotoluene	12.76	91	380411	50.698	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	466068	51.458	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	44938	49.441	ug/l	100
82) 4-Chlorotoluene	12.86	91	407287	50.881	ug/l	100
83) tert-Butylbenzene	13.08	119	395938	51.833	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	462616	51.360	ug/l	100
85) sec-Butylbenzene	13.26	105	568948	51.806	ug/l	100
86) p-Isopropyltoluene	13.38	119	492680	51.738	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	237696	52.073	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	238191	50.880	ug/l	100
89) n-Butylbenzene	13.70	91	494395	51.621	ug/l	100
90) Hexachloroethane	13.97	117	95251	51.298	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	219526	51.817	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20138	49.066	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	141567	50.860	ug/l	100
94) Hexachlorobutadiene	15.12	225	70125	50.248	ug/l	100
95) Naphthalene	15.25	128	328627	50.743	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	125409	50.994	ug/l	100

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

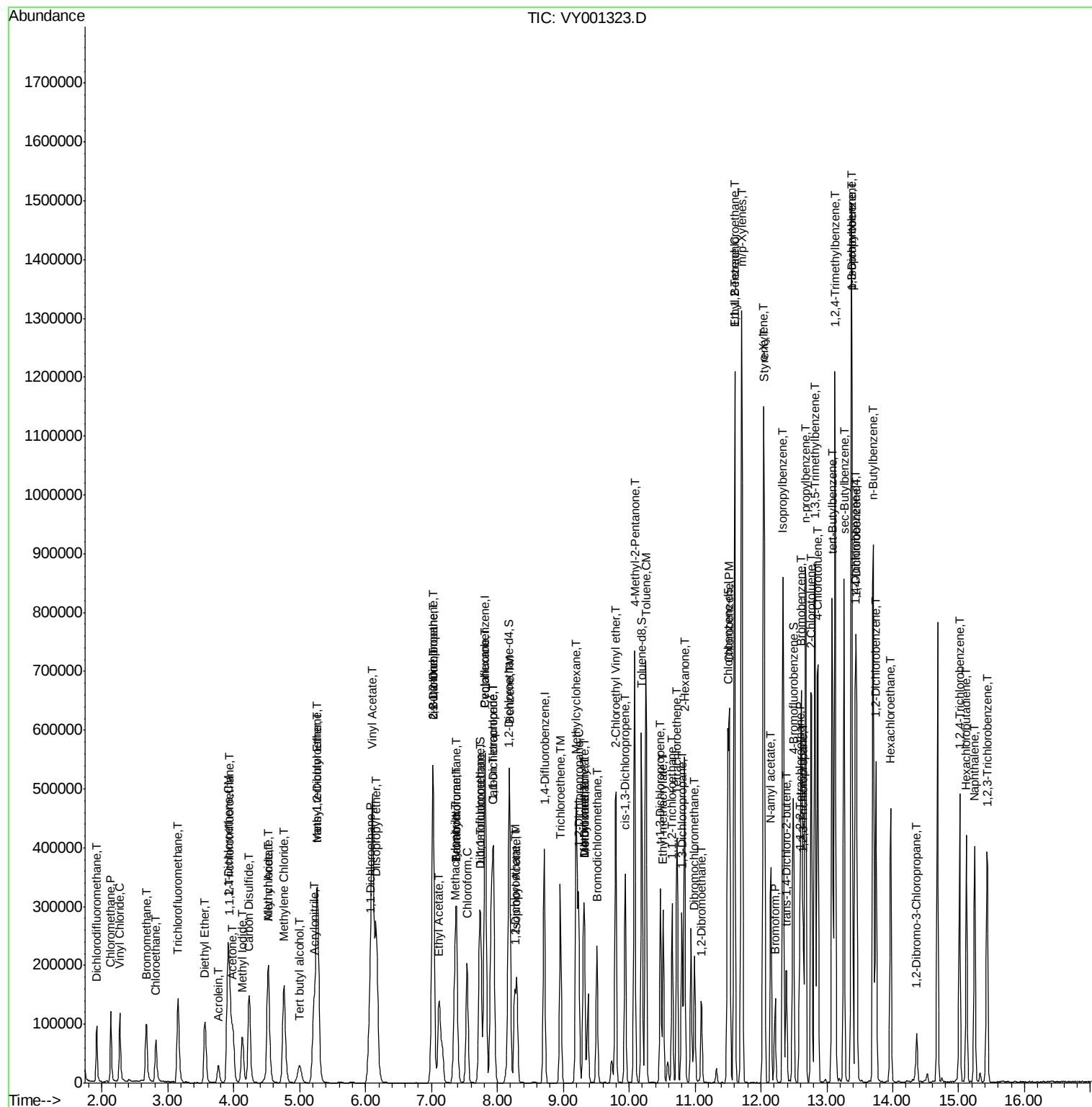
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Data File : VY001323.D
Acq On : 21 Jan 2020 15:46
Operator : SY/MD
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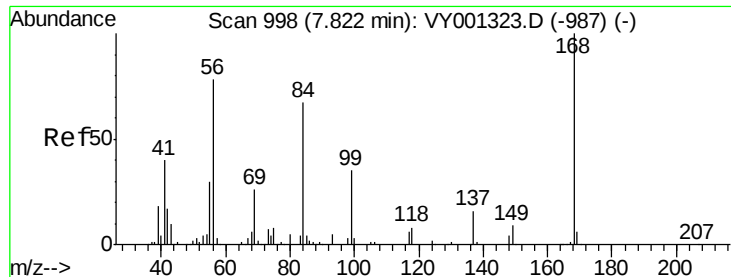
Instrument :
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#1

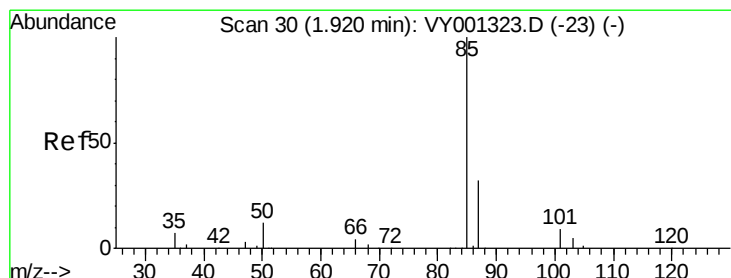
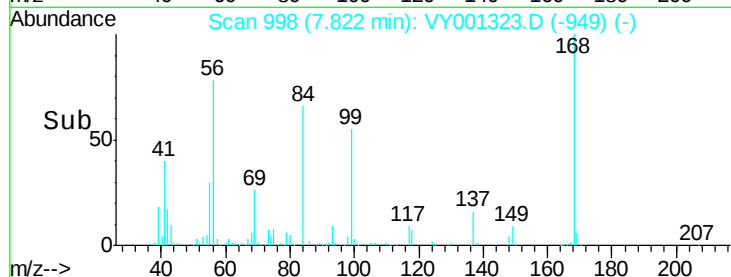
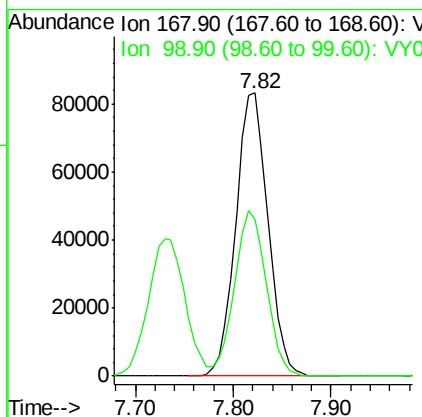
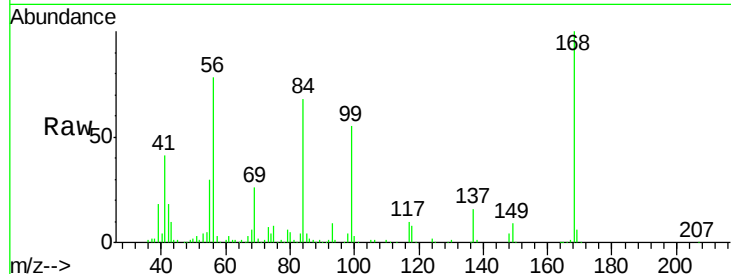
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Instrument :
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 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.4	44.3	66.5

Manual Integrations
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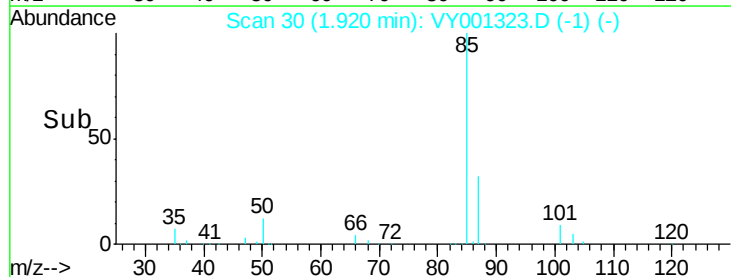
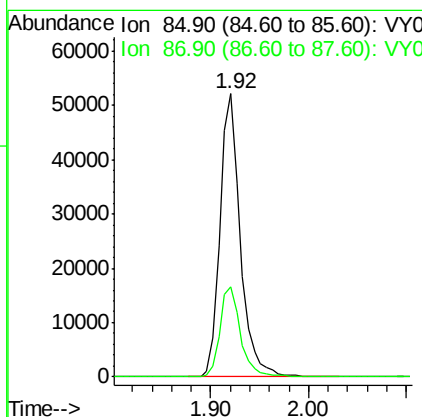
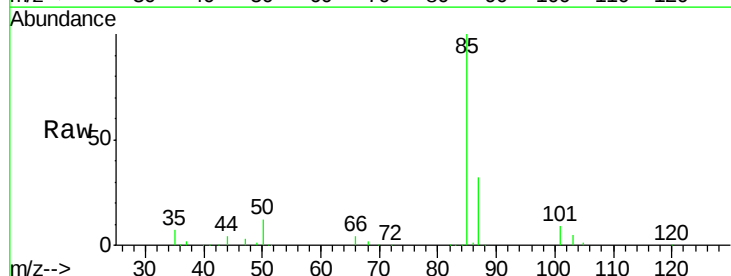
MMDadoda
 1/22/2020 10:49:39 AM

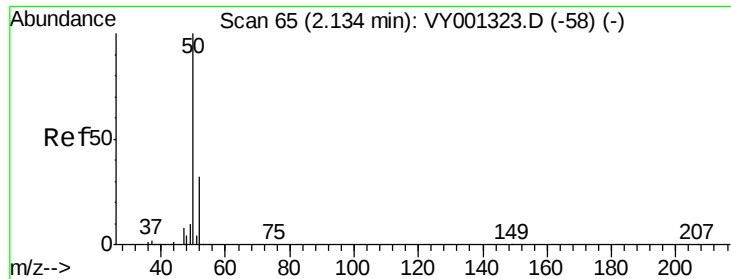


#2

Dichlorodifluoromethane
 Concen: 50.893 ug/l
 RT: 1.92 min Scan# 30
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.0	48.0





#3

Chloromethane

Concen: 50.902 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 108950

Ion Ratio Lower Upper

50 100

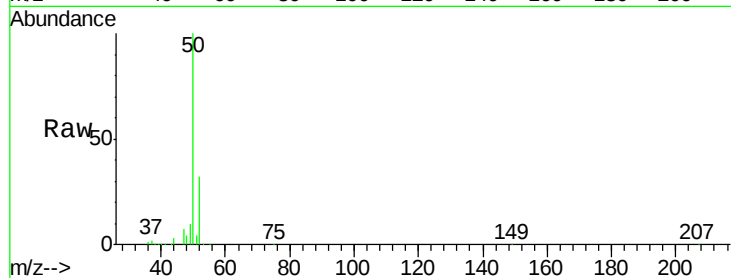
52 32.1 25.7 38.5

Manual Integrations

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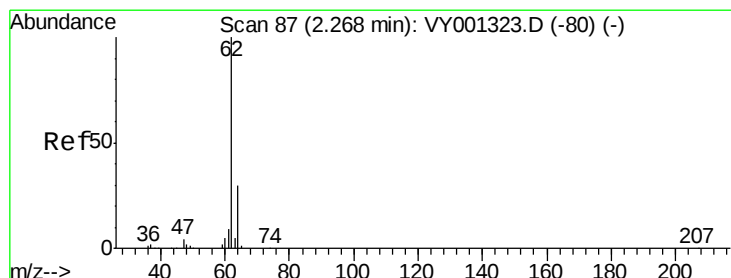
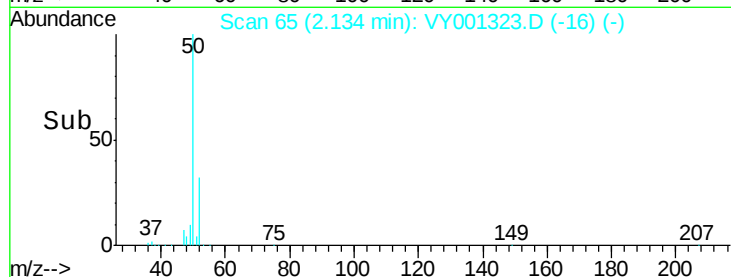
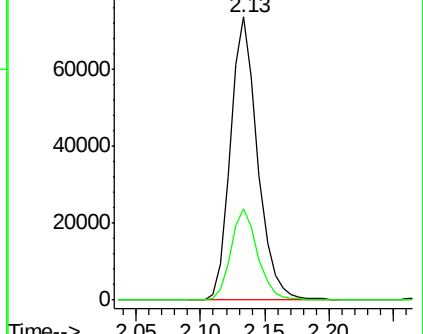
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 54.217 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001323.D

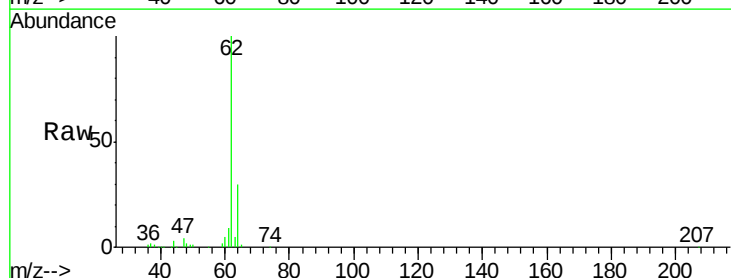
Acq: 21 Jan 2020 15:46

Tgt Ion: 62 Resp: 117131

Ion Ratio Lower Upper

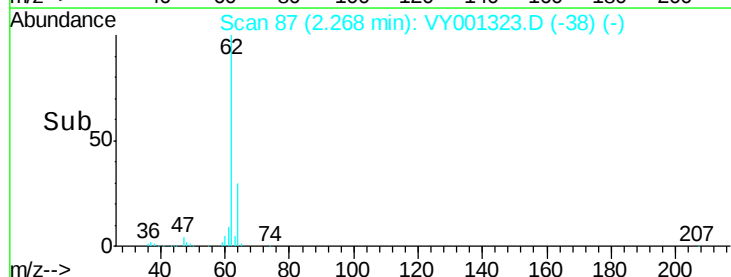
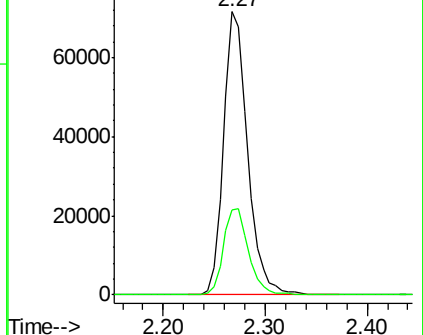
62 100

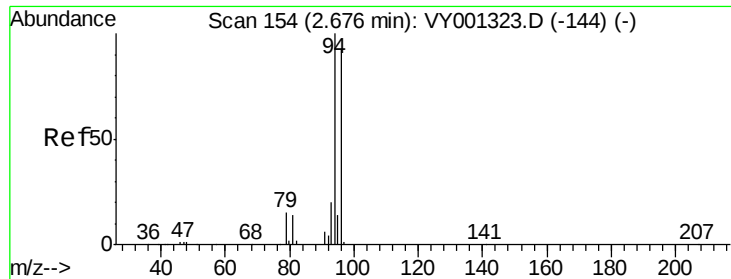
64 29.9 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 63.217 ug/l

RT: 2.68 min Scan# 154

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

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ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 75632

Ion Ratio Lower Upper

94 100

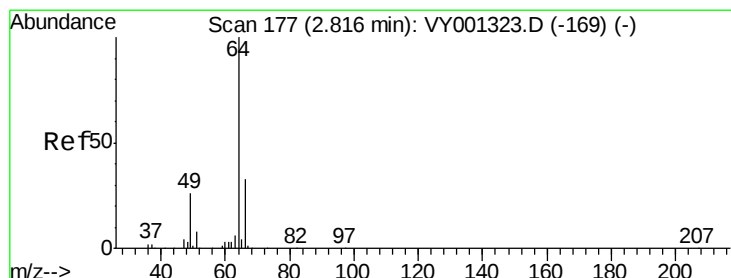
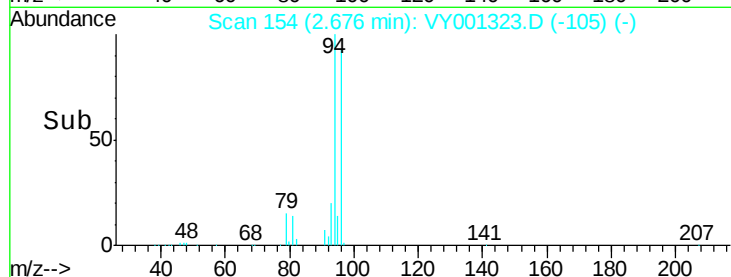
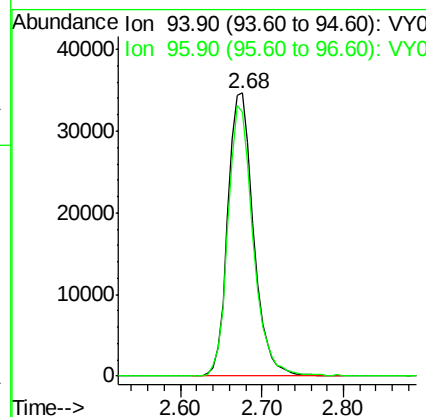
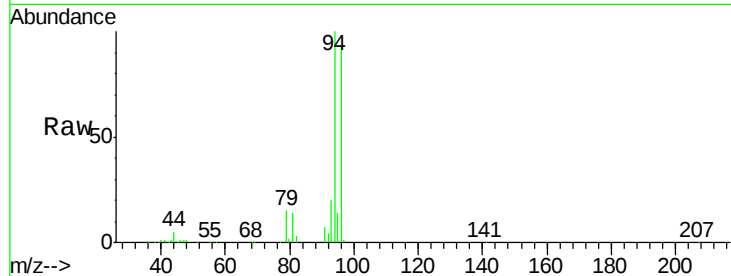
96 93.2 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 58.560 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.00 min

Lab File: VY001323.D

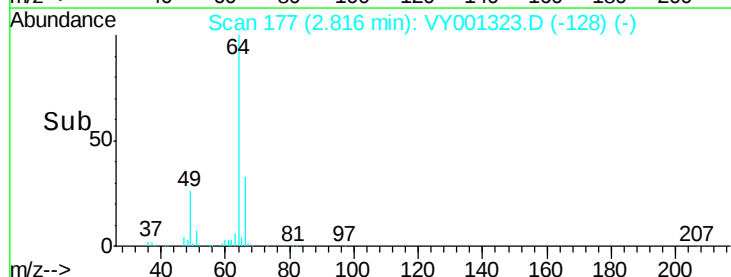
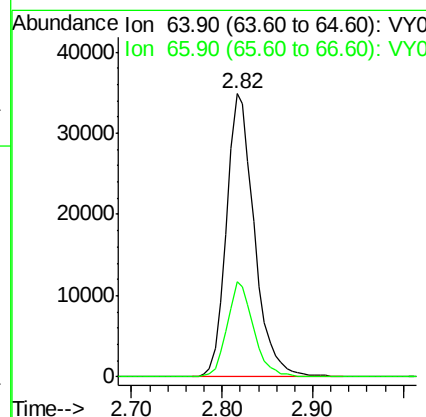
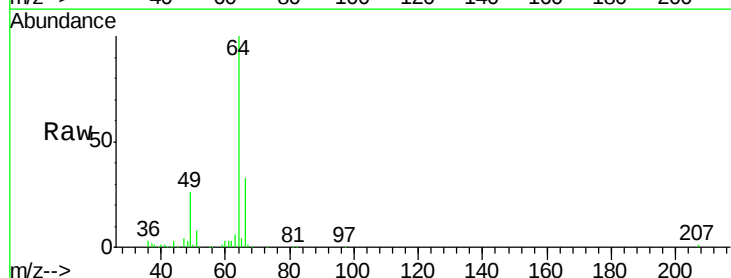
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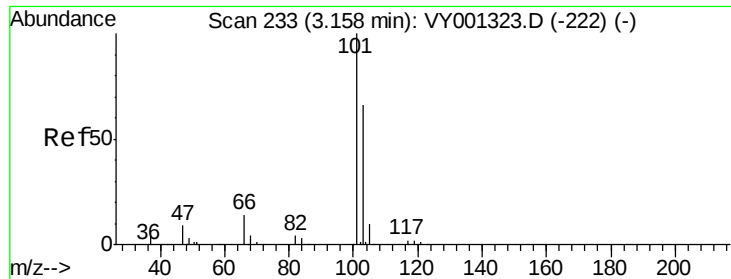
Tgt Ion: 64 Resp: 74484

Ion Ratio Lower Upper

64 100

66 33.5 26.8 40.2





#7

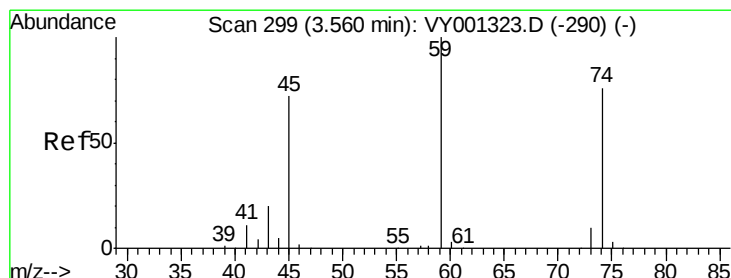
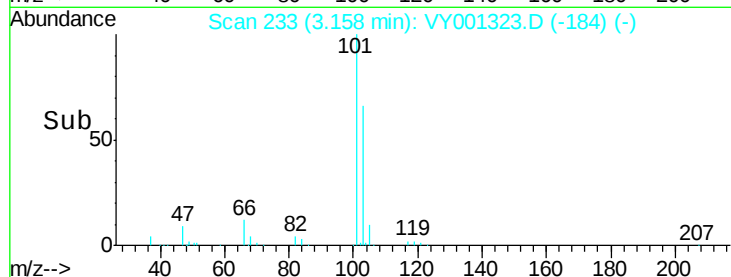
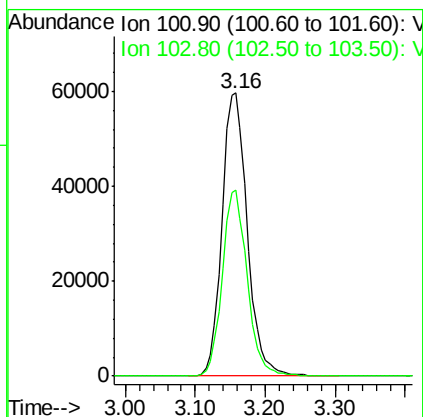
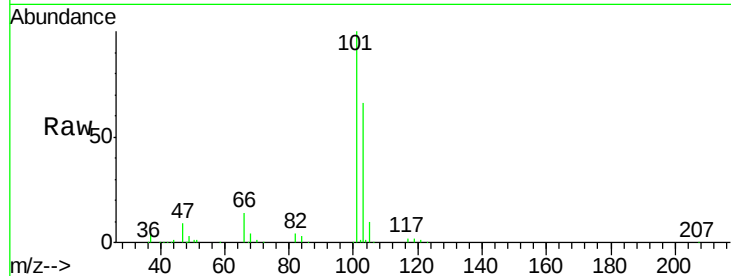
Trichlorofluoromethane
Concen: 50.186 ug/l
RT: 3.16 min Scan# 233
Delta R.T. 0.00 min
Lab File: VY001323.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.5	78.7

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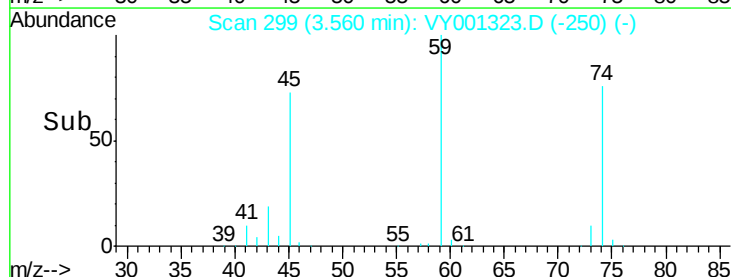
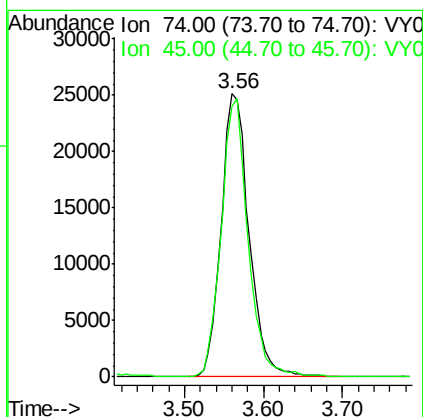
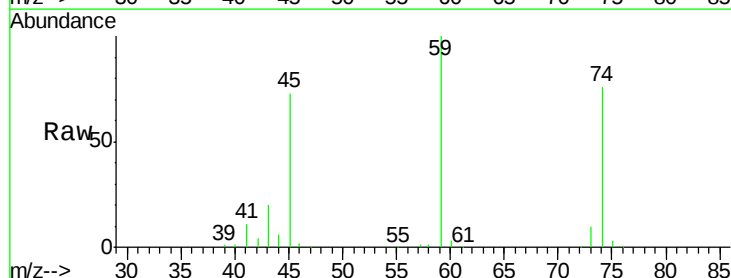
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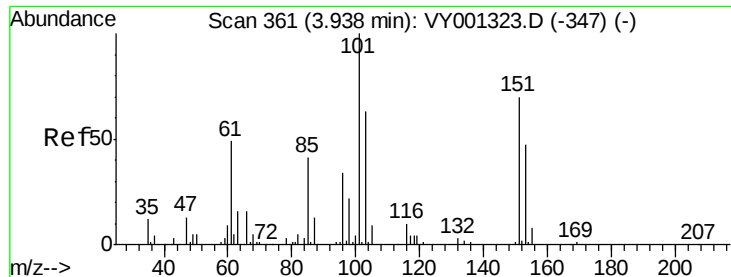


#8

Diethyl Ether
Concen: 53.159 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.4	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.471 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Instrument :

MSVOA_Y

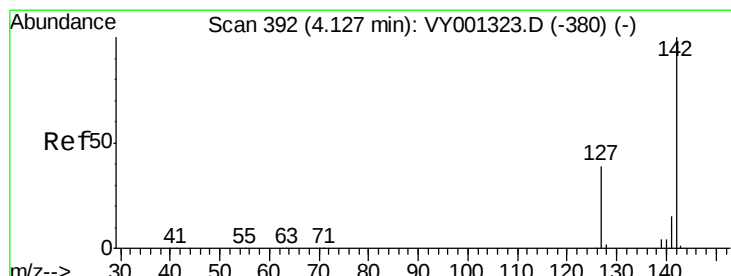
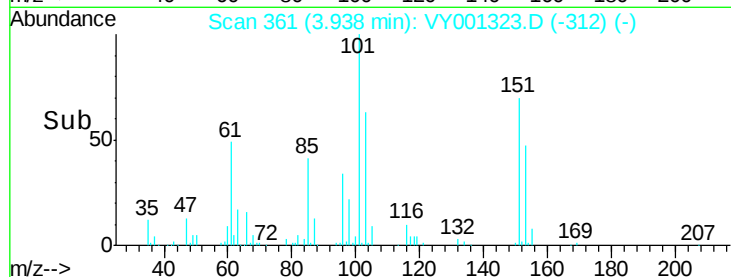
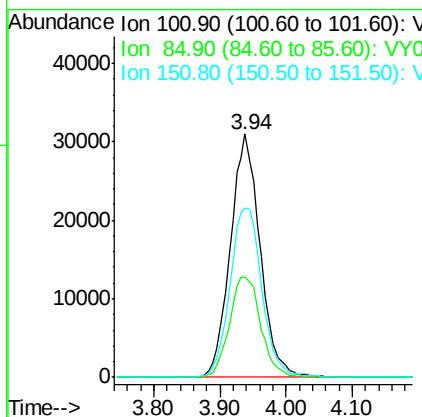
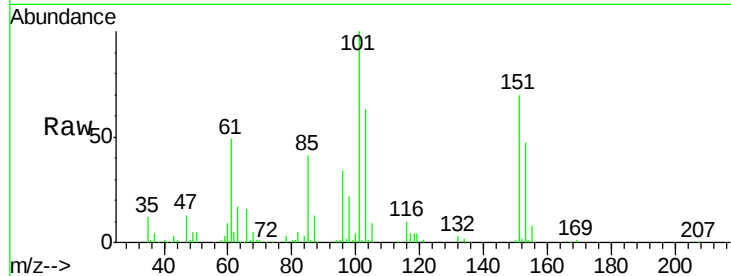
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	96542
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	74.9	59.9	89.9

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#10

Methyl Iodide

Concen: 51.138 ug/l

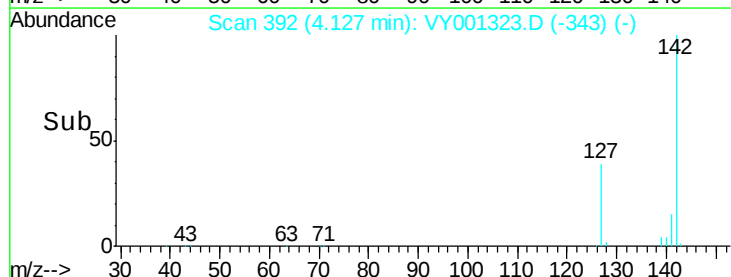
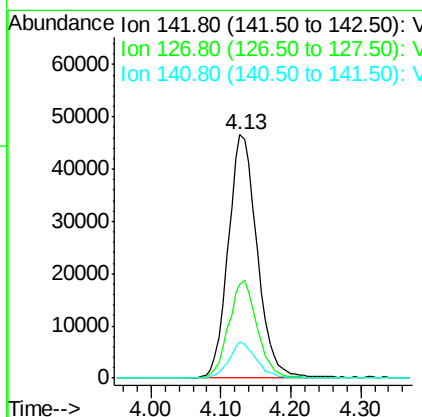
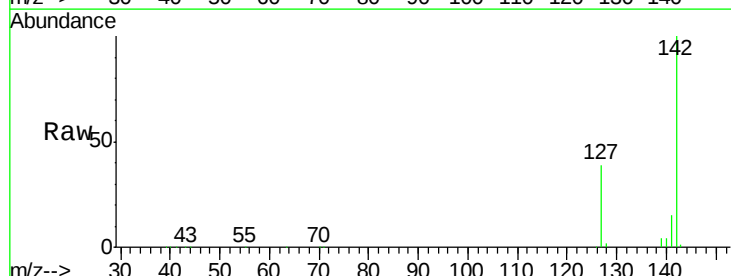
RT: 4.13 min Scan# 392

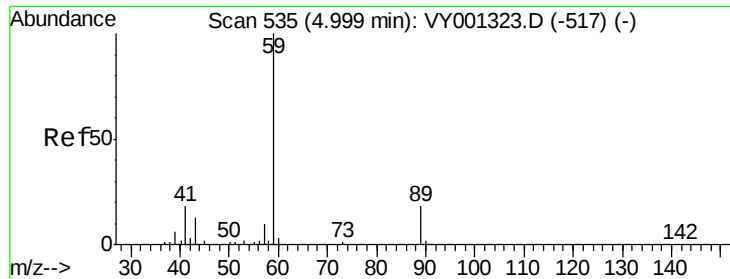
Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Tgt Ion:	142	Resp:	133976
Ion Ratio	Lower	Upper	
142	100		
127	39.5	31.6	47.4
141	14.0	11.2	16.8





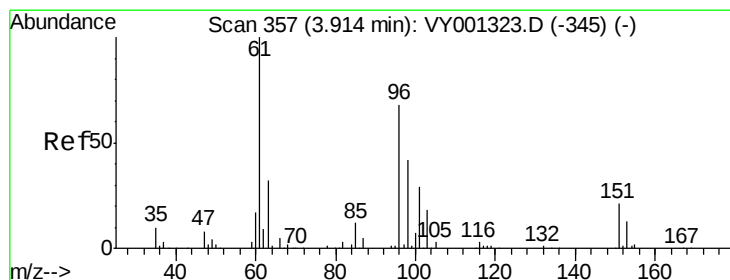
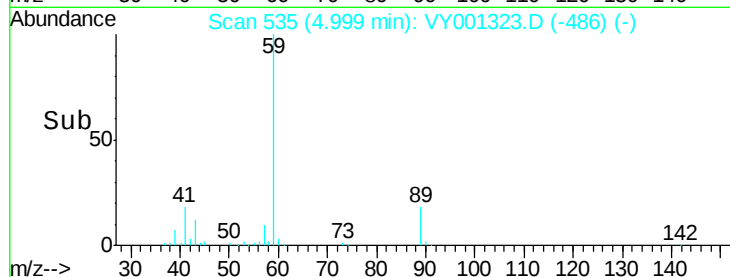
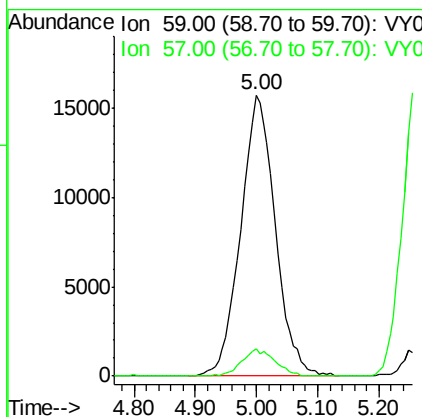
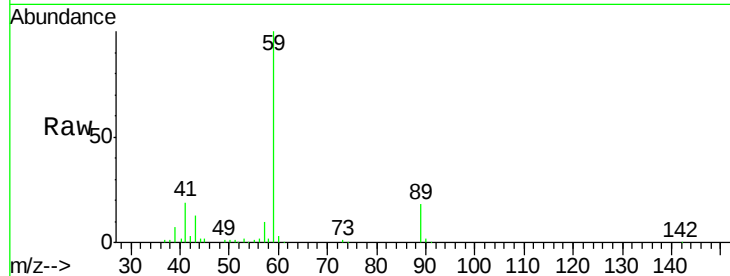
#11
Tert butyl alcohol
Concen: 289.170 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 59 Resp: 61787
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.2

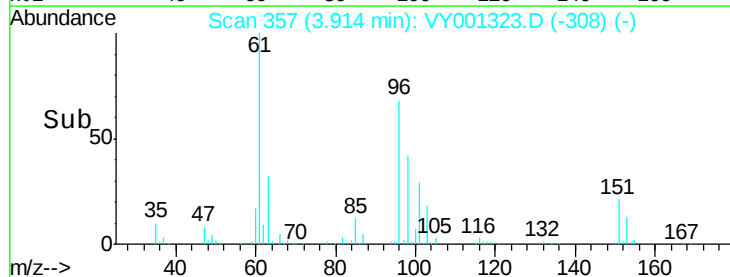
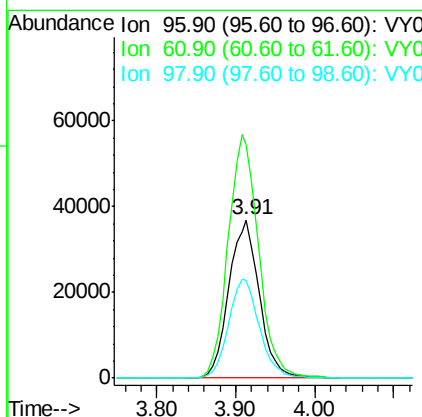
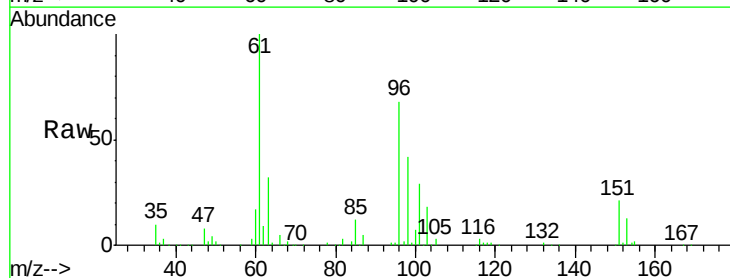
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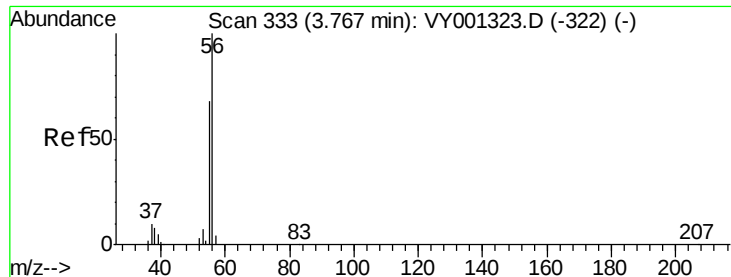
MMDadoda
1/22/2020 10:49:39 AM



#12
1,1-Dichloroethene
Concen: 50.419 ug/l
RT: 3.91 min Scan# 357
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 96 Resp: 98839
Ion Ratio Lower Upper
96 100
61 147.5 118.0 177.0
98 61.8 49.4 74.2





#13

Acrolein

Concen: 197.483 ug/l

RT: 3.77 min Scan# 333

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 34845

Ion Ratio Lower Upper

56 100

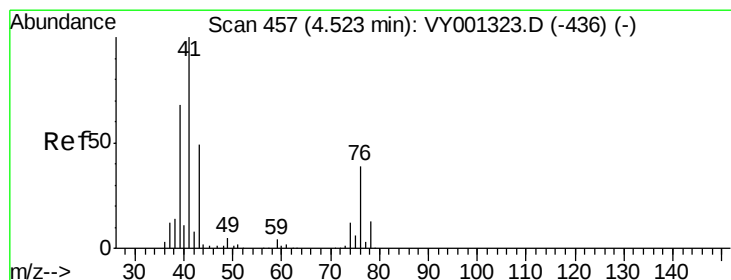
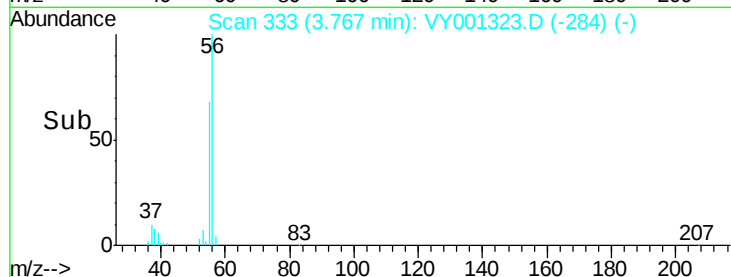
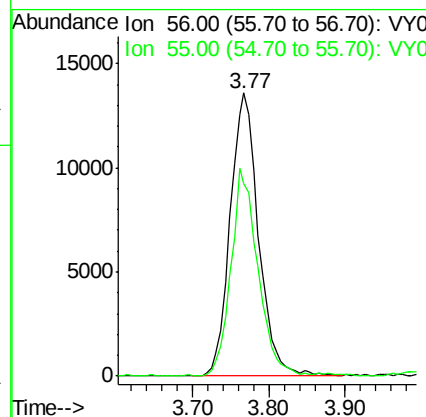
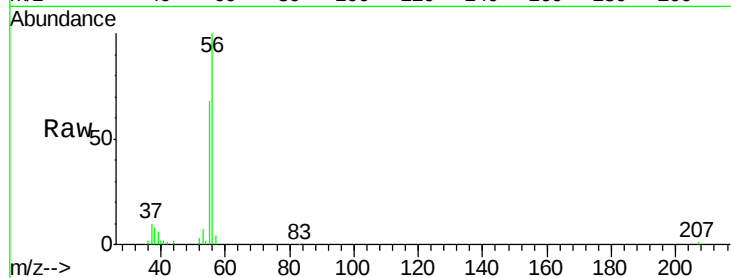
55 69.9 55.9 83.9

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#14

Allyl chloride

Concen: 53.035 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

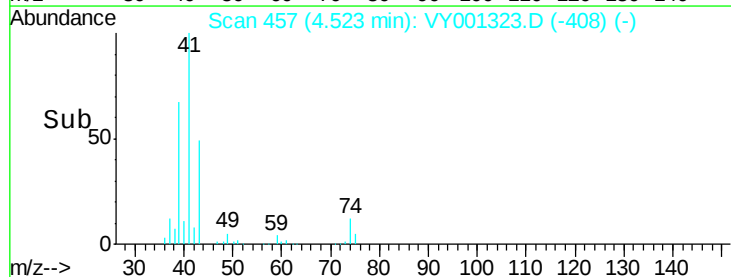
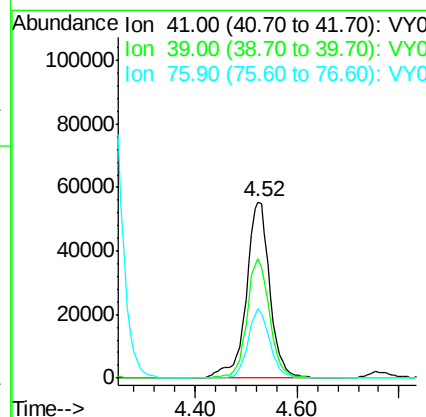
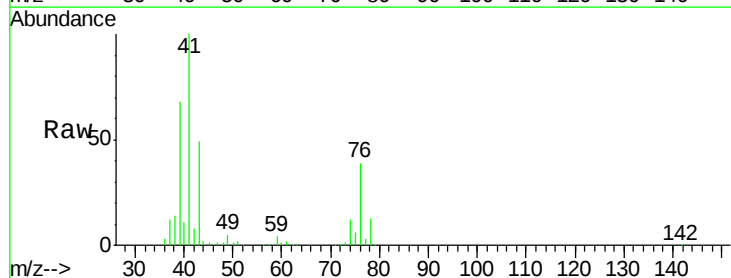
Tgt Ion: 41 Resp: 177067

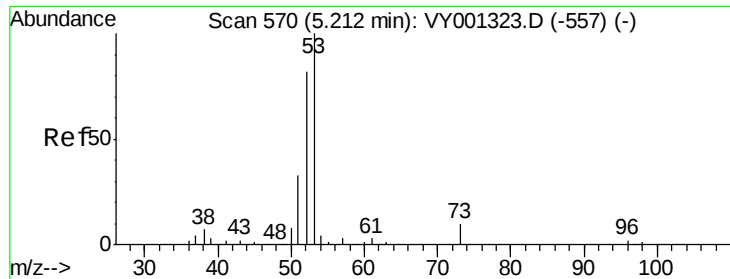
Ion Ratio Lower Upper

41 100

39 65.3 52.2 78.4

76 36.4 29.1 43.7





#15

Acrylonitrile

Concen: 270.957 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Instrument :

MSVOA_Y

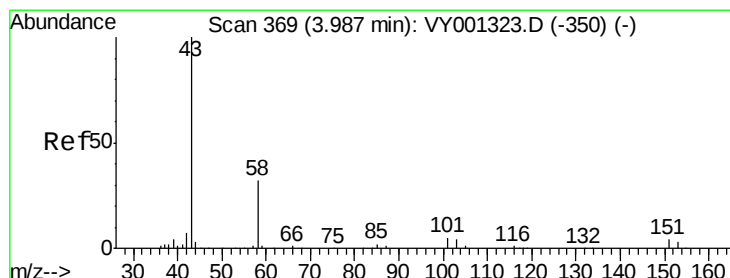
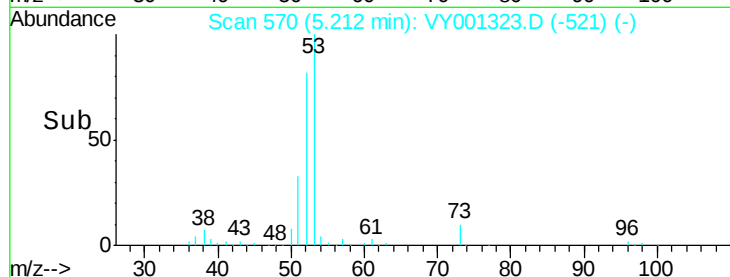
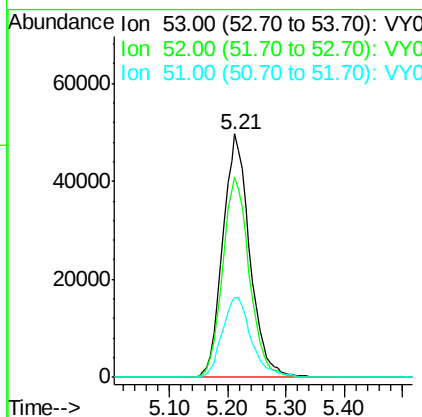
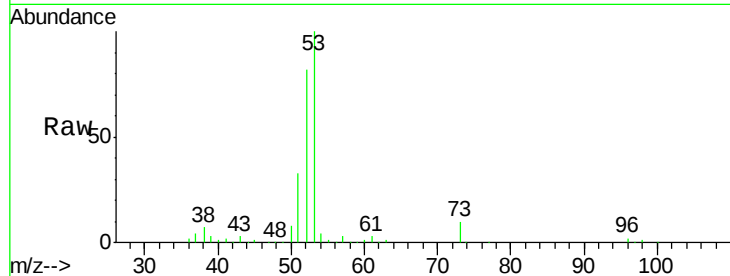
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	159595
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.3	97.9
51	35.5	28.4	42.6

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#16

Acetone

Concen: 288.485 ug/l

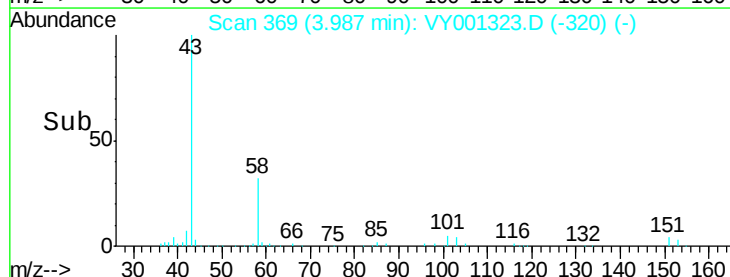
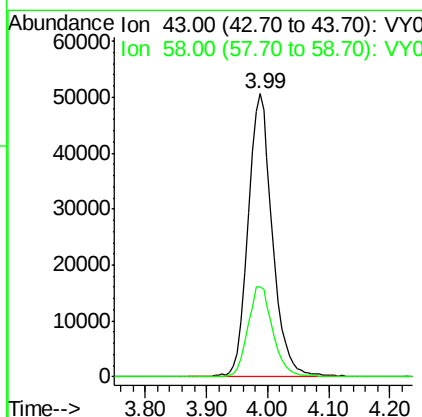
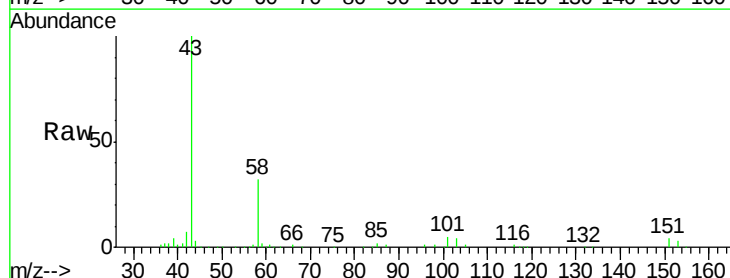
RT: 3.99 min Scan# 369

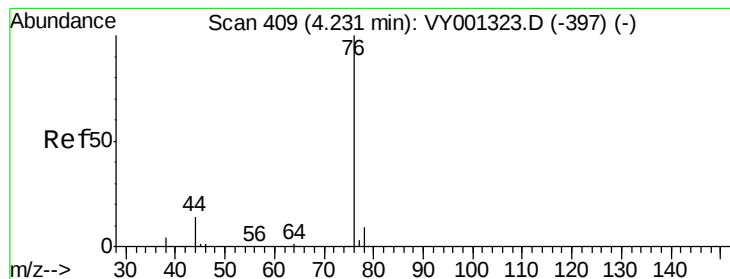
Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Tgt Ion:	43	Resp:	140789
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.4	38.0





#17

Carbon Disulfide

Concen: 49.234 ug/l

RT: 4.23 min Scan# 409

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 309930

Ion Ratio Lower Upper

76 100

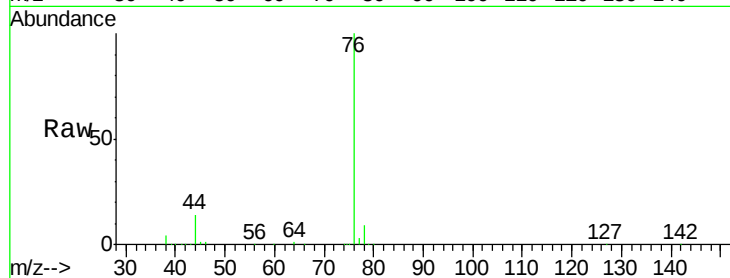
78 8.8 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.23

120000

100000

80000

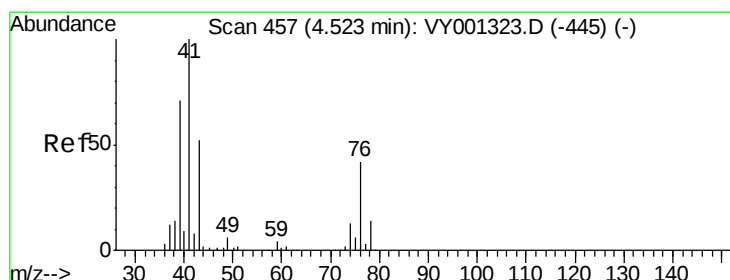
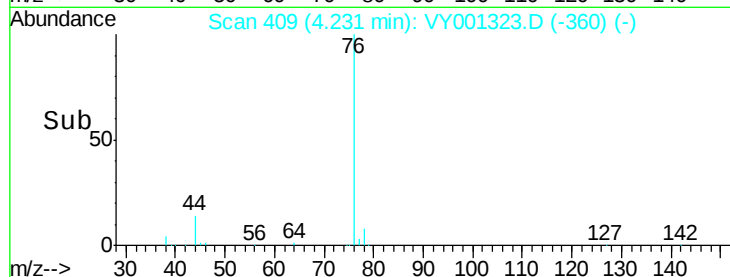
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 51.457 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.00 min

Lab File: VY001323.D

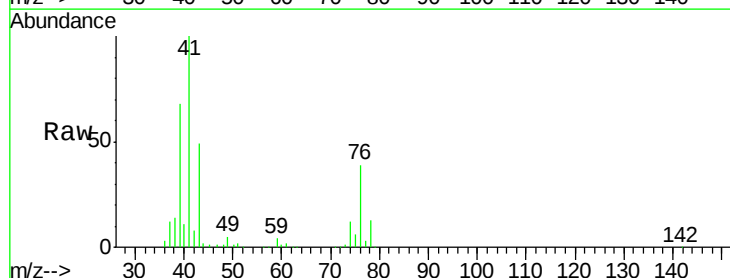
Acq: 21 Jan 2020 15:46

Tgt Ion: 43 Resp: 81079

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.52

30000

25000

20000

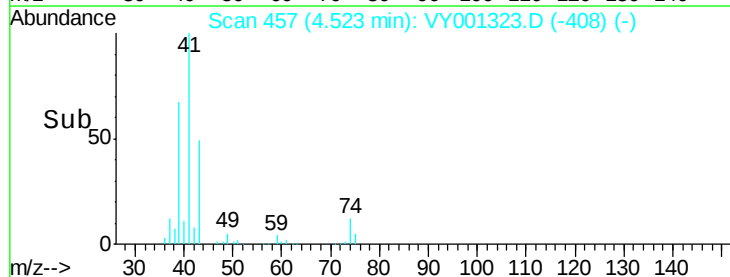
15000

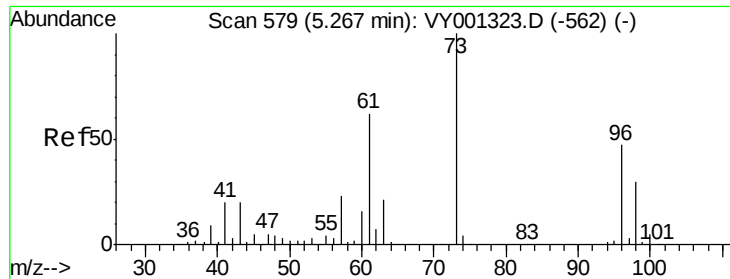
10000

5000

0

Time-->





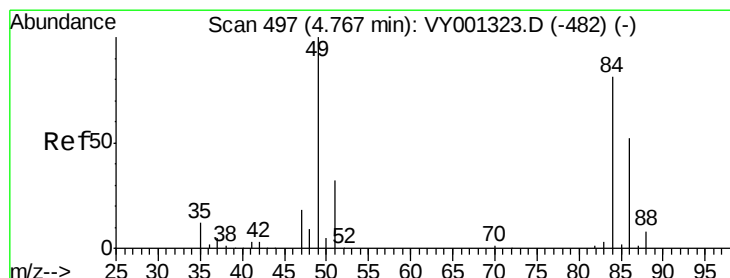
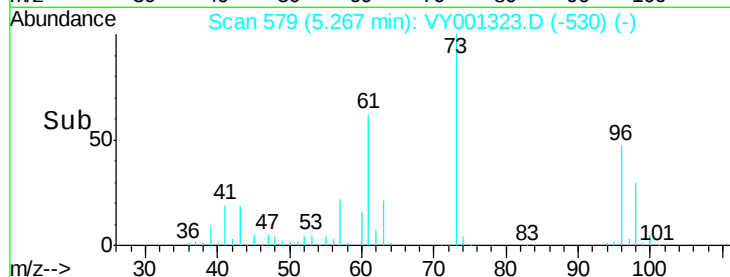
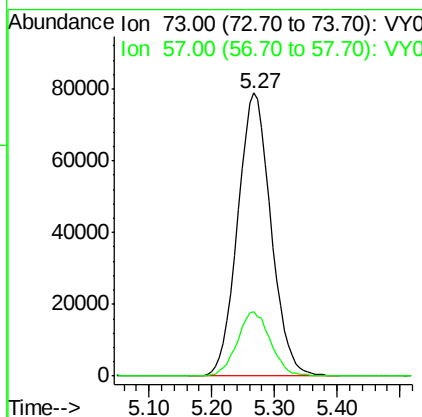
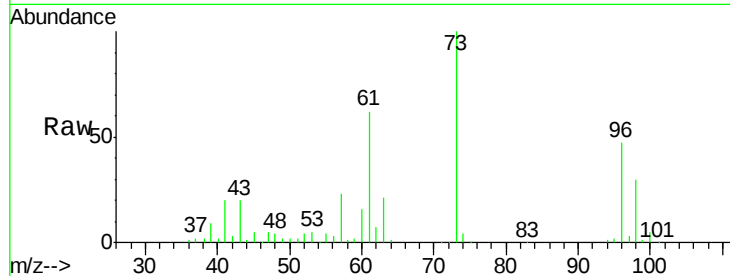
#19
Methvl tert-butvl Ether
Concen: 53.018 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 289864
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.2

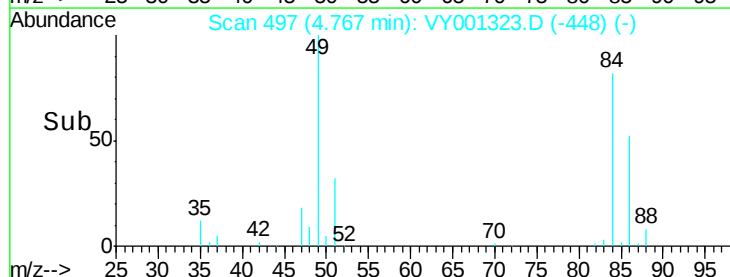
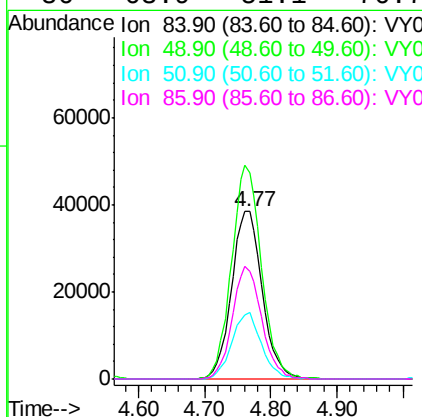
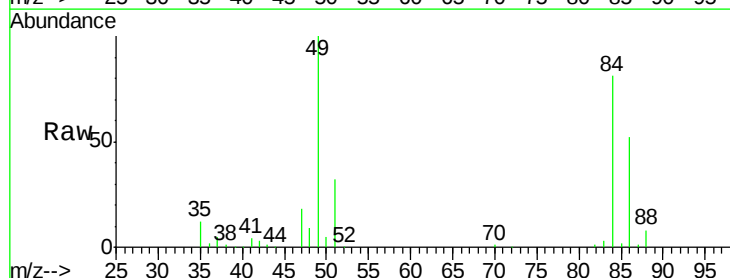
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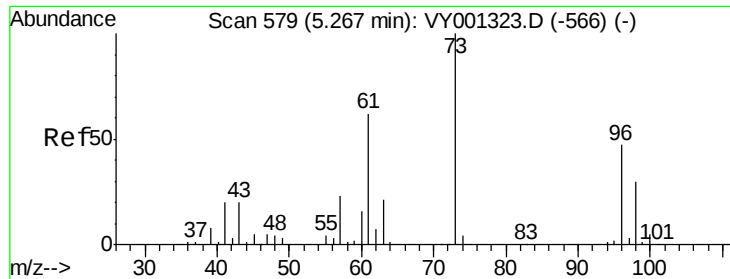
MMDadoda
1/22/2020 10:49:39 AM



#20
Methylene Chloride
Concen: 46.608 ug/l
RT: 4.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 84 Resp: 123842
Ion Ratio Lower Upper
84 100
49 122.9 98.3 147.5
51 39.5 31.6 47.4
86 63.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 51.534 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 114727

Ion Ratio Lower Upper

96 100

61 133.5 106.8 160.2

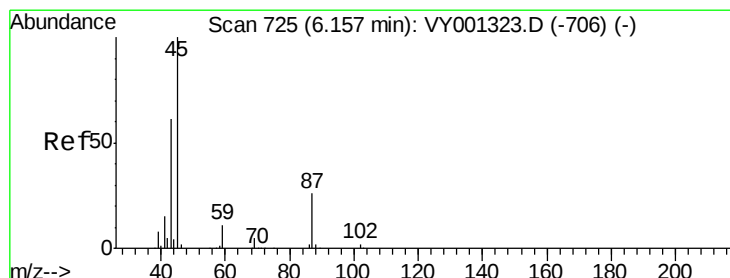
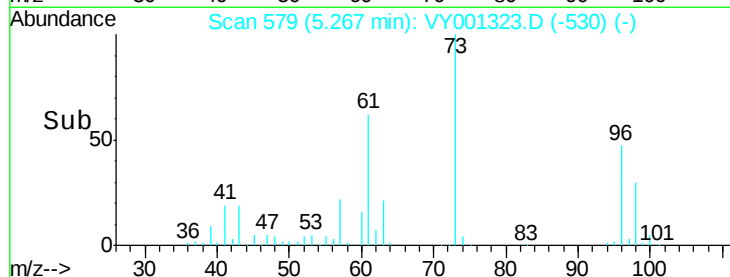
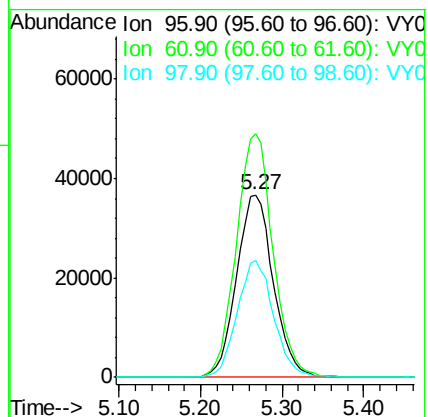
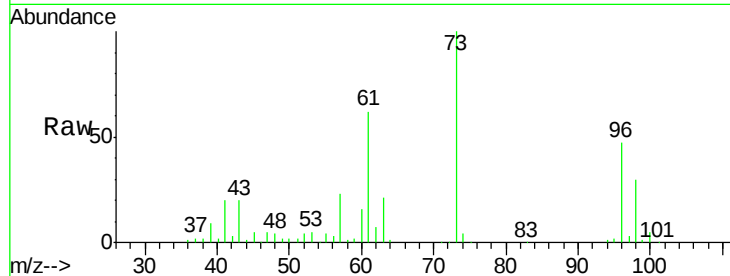
98 63.8 51.0 76.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 54.315 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Tgt Ion: 45 Resp: 371864

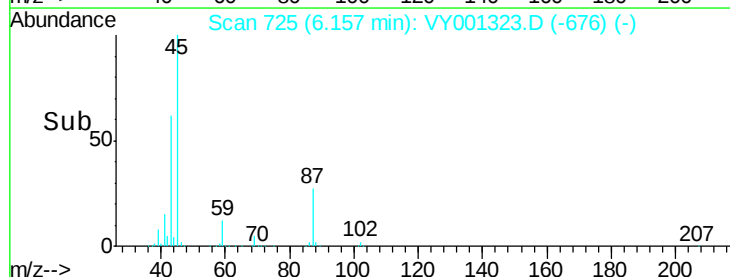
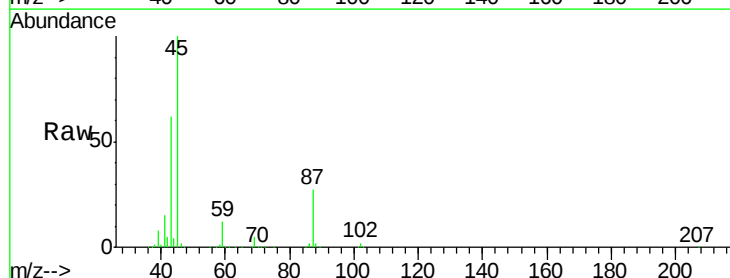
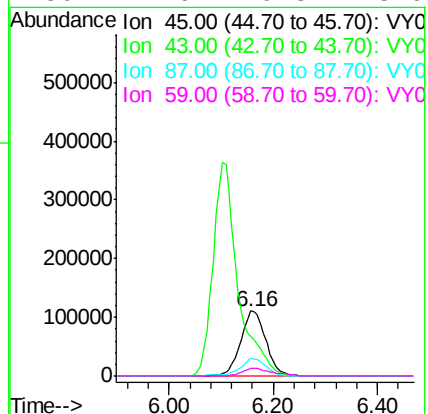
Ion Ratio Lower Upper

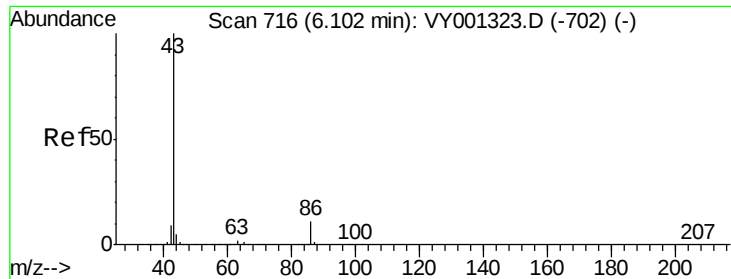
45 100

43 61.5 49.2 73.8

87 26.8 21.4 32.2

59 11.6 9.3 13.9





#23

Vinyl Acetate

Concen: 278.634 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1224450

Ion Ratio Lower Upper

43 100

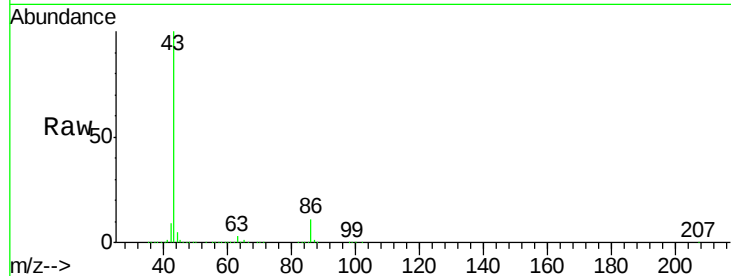
86 10.8 8.6 13.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.10

400000

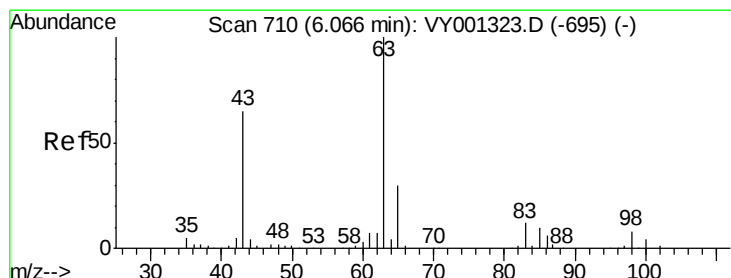
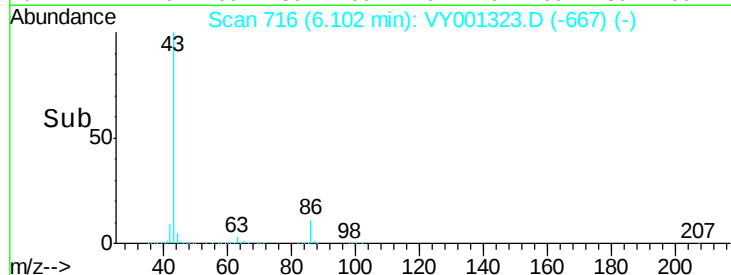
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.991 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

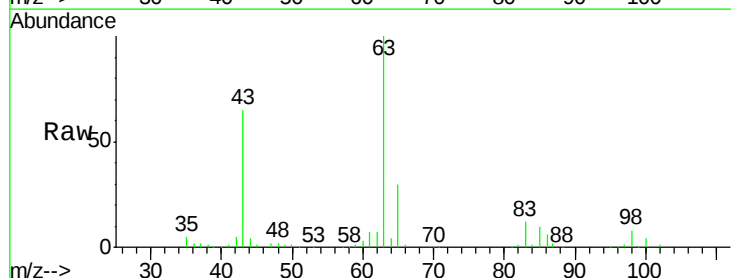
Tgt Ion: 63 Resp: 197756

Ion Ratio Lower Upper

63 100

98 8.0 4.0 12.0

100 4.2 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.07

80000

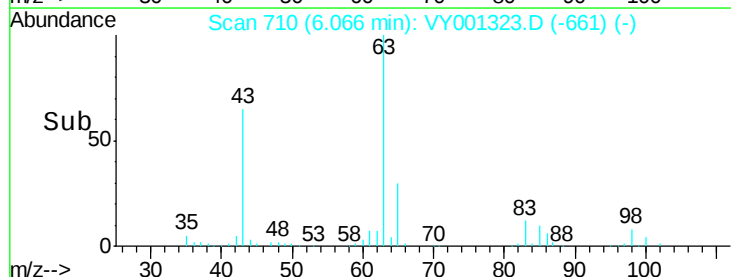
60000

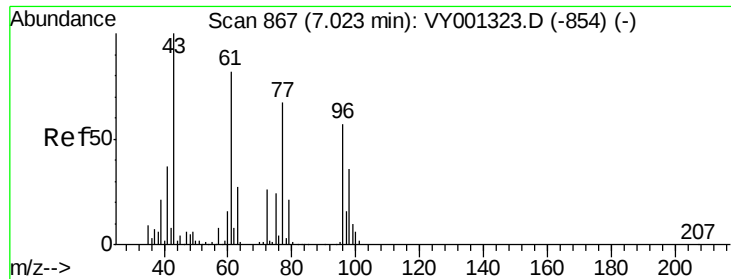
40000

20000

0

Time-->





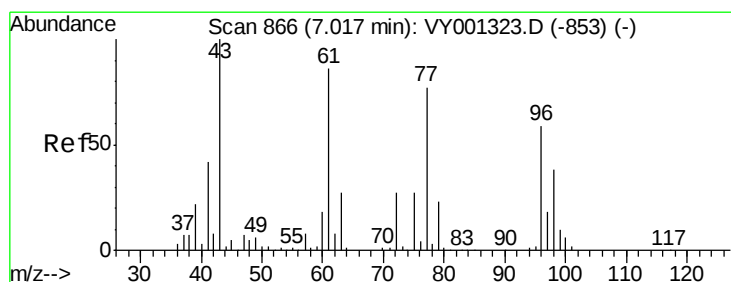
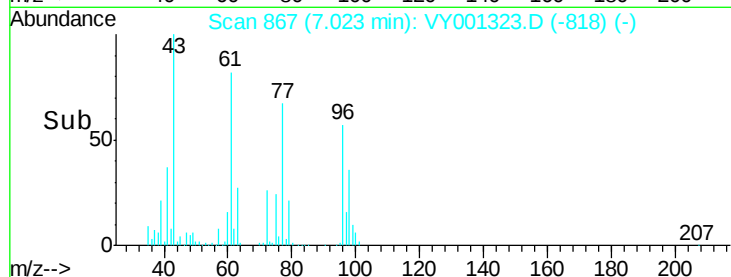
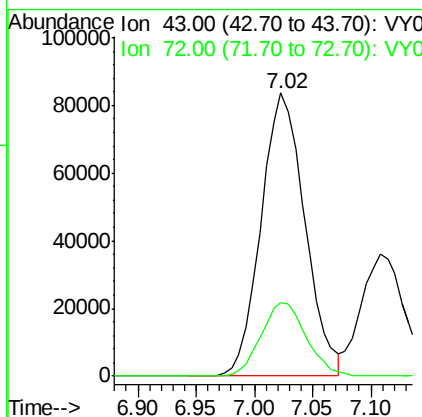
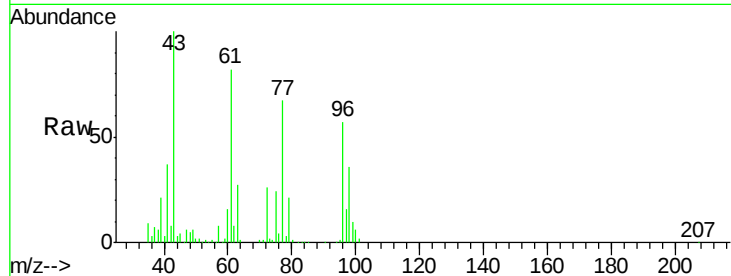
#25
2-Butanone
Concen: 289.105 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 218199
Ion Ratio Lower Upper
43 100
72 25.8 20.6 31.0

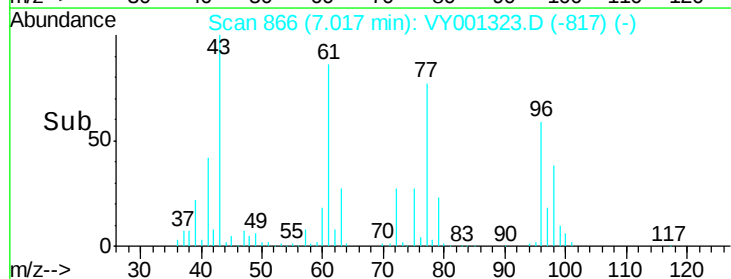
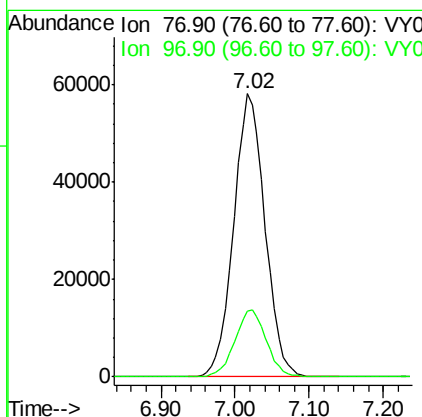
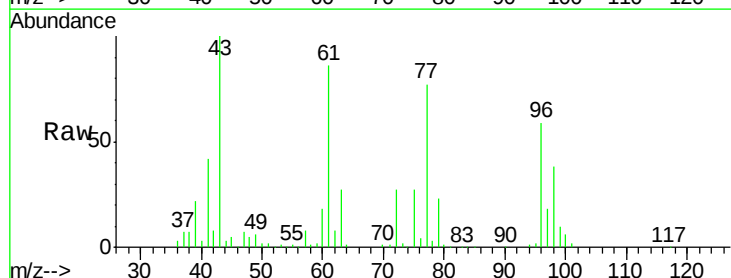
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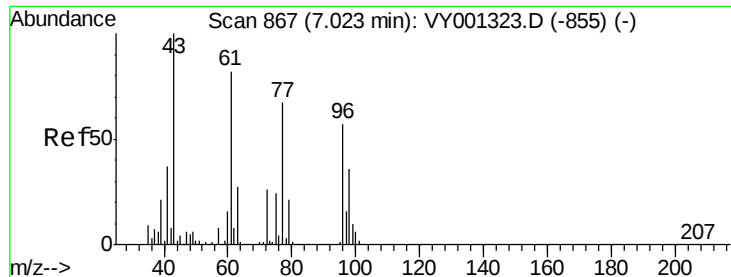
MMDadoda
1/22/2020 10:49:39 AM



#26
2,2-Dichloropropane
Concen: 50.218 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 77 Resp: 171250
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5





#27

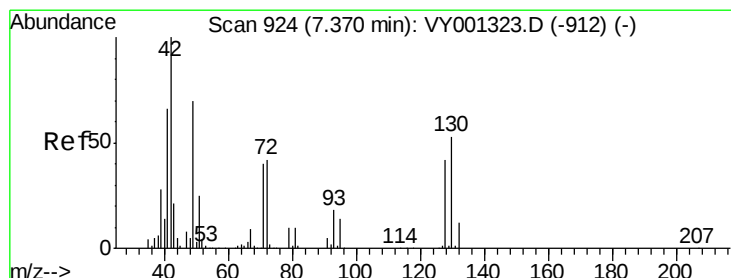
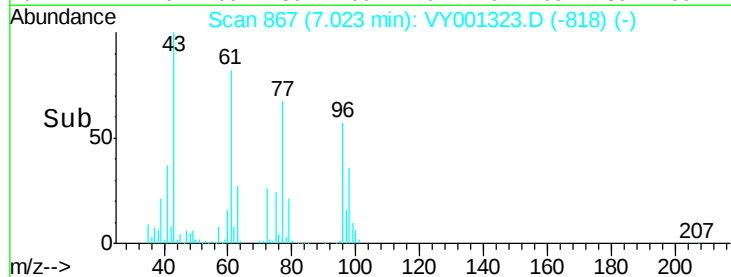
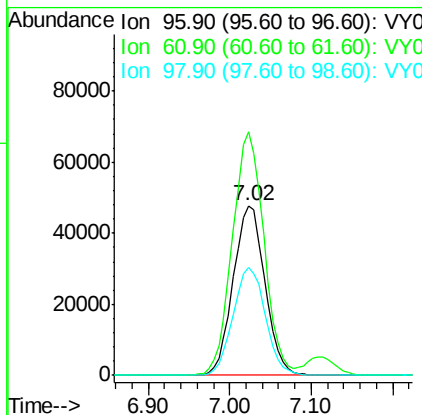
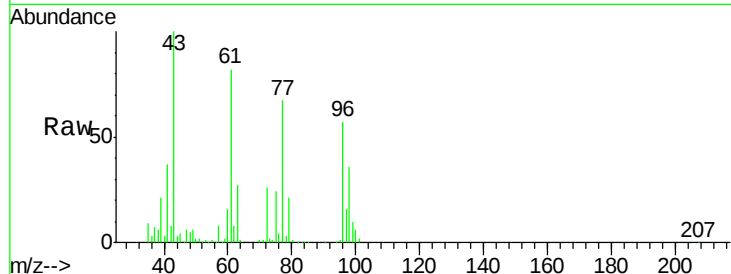
cis-1,2-Dichloroethene
 Concen: 52.570 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	128651		
61	142.4	0.0	284.8	
98	64.2	0.0	128.4	

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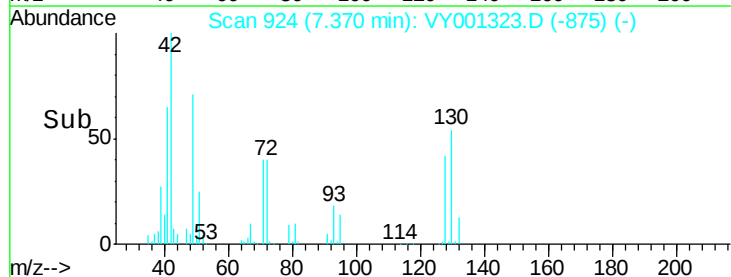
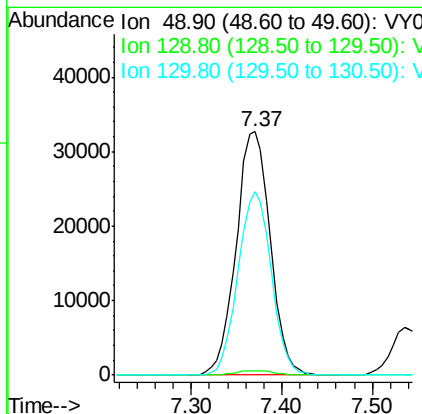
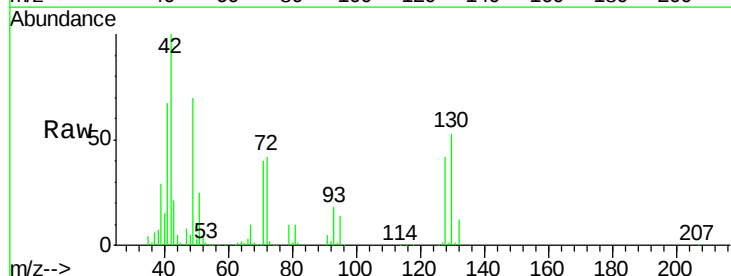
MMDadoda
 1/22/2020 10:49:39 AM

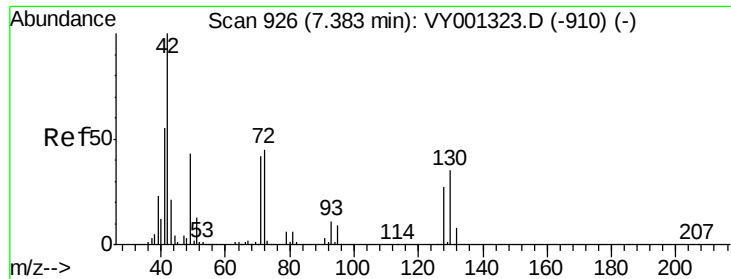


#28

Bromochloromethane
 Concen: 55.985 ug/l
 RT: 7.37 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	85165		
129	2.0	0.0	4.0	
130	73.6	58.9	88.3	





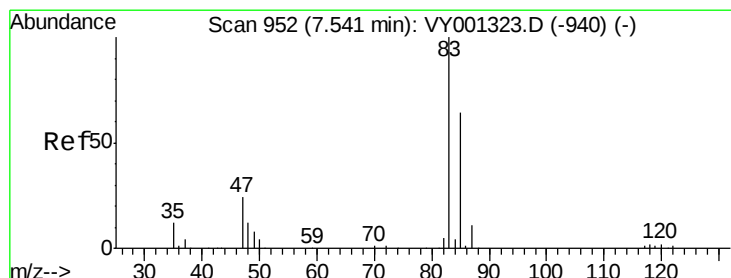
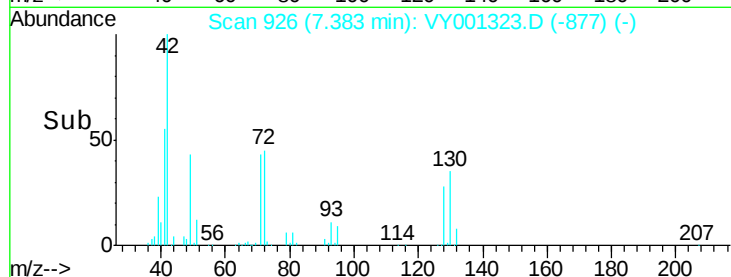
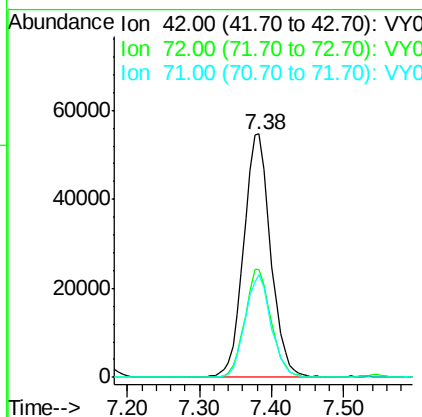
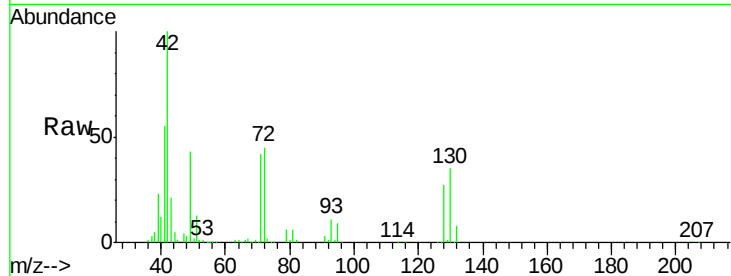
#29
Tetrahydrofuran
Concen: 278.225 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.6	51.8
71	40.7	32.6	48.8

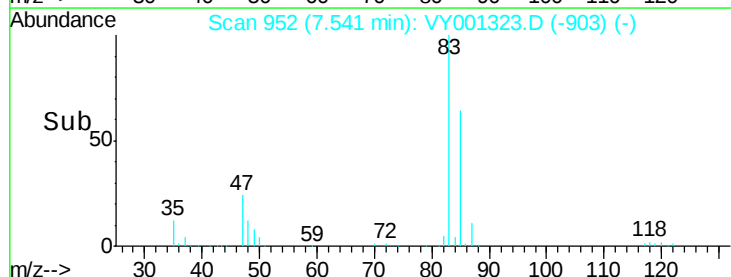
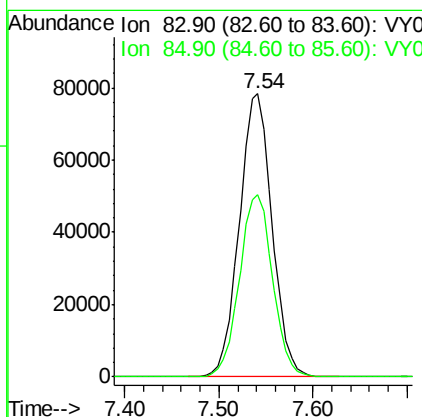
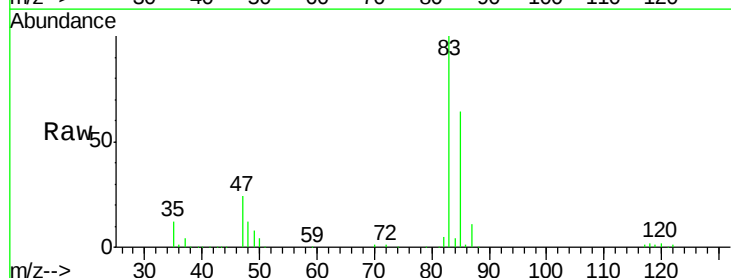
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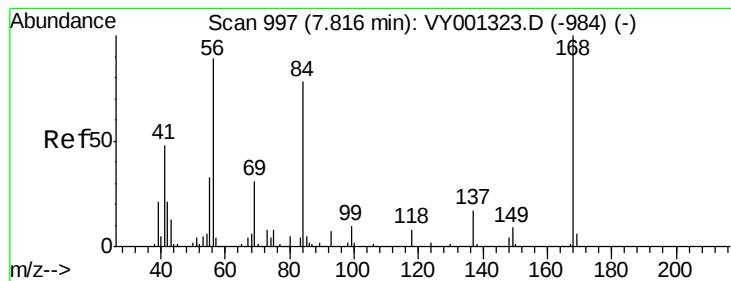
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#30
Chloroform
Concen: 52.269 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





#31

Cyclohexane

Concen: 48.429 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 189062

Ion Ratio Lower Upper

56 100

69 34.5 27.6 41.4

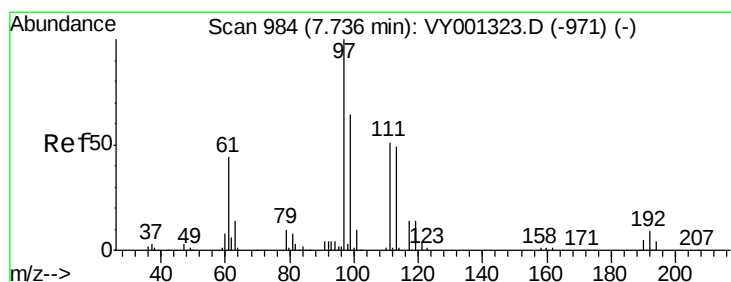
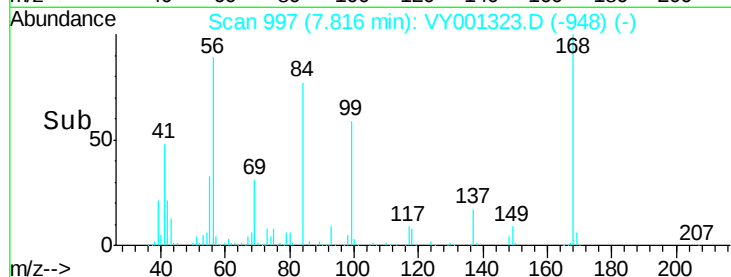
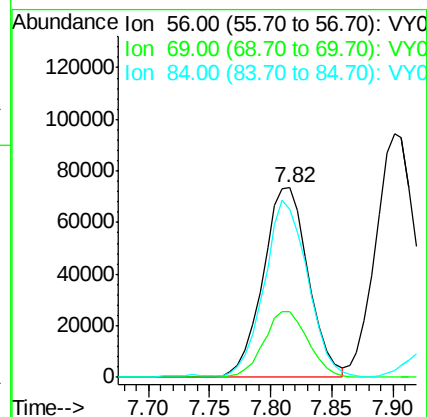
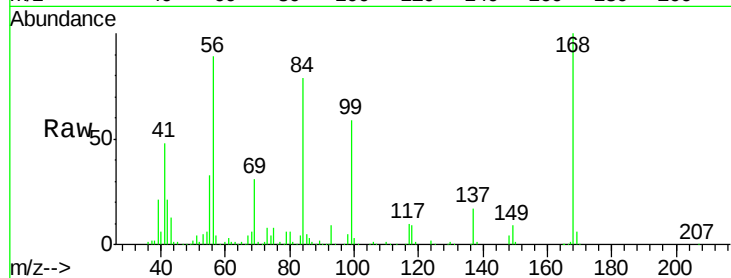
84 87.1 69.7 104.5

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#32

1,1,1-Trichloroethane

Concen: 51.107 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

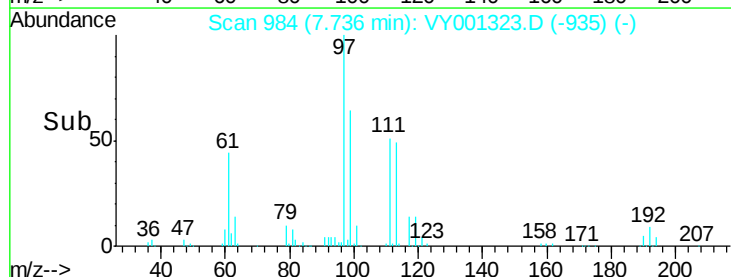
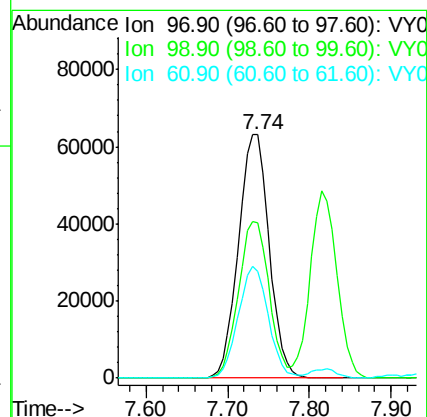
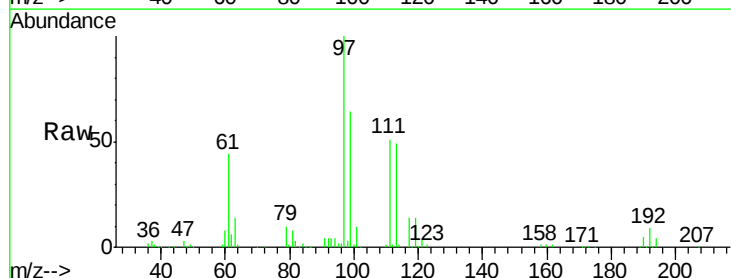
Tgt Ion: 97 Resp: 164338

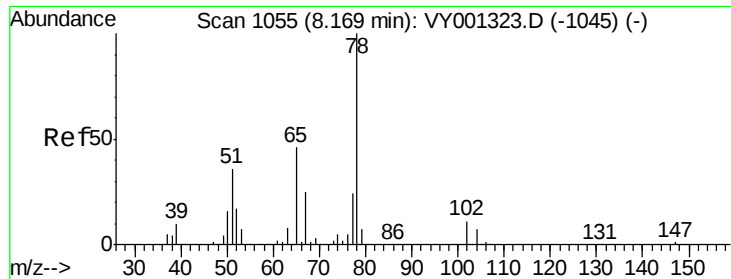
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 44.9 35.9 53.9





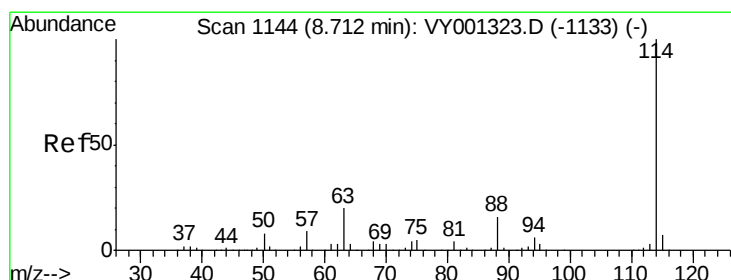
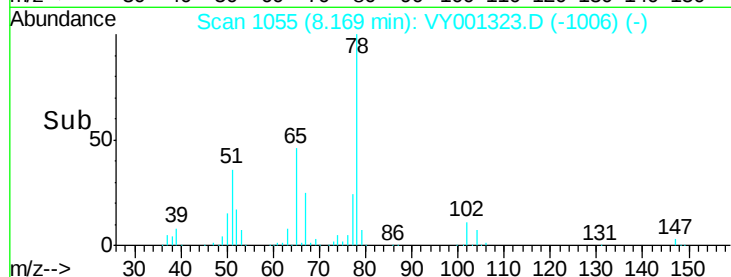
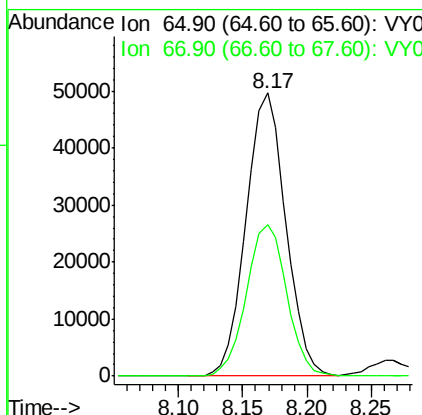
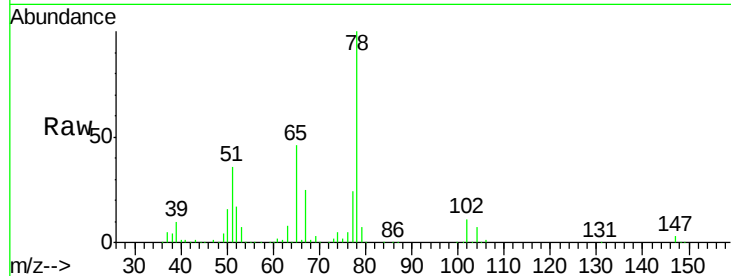
#33
 1,2-Dichloroethane-d4
 Concen: 52.524 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	106046		
67	54.3	0.0	108.6	

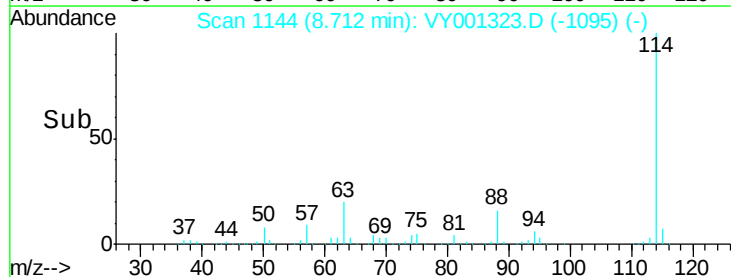
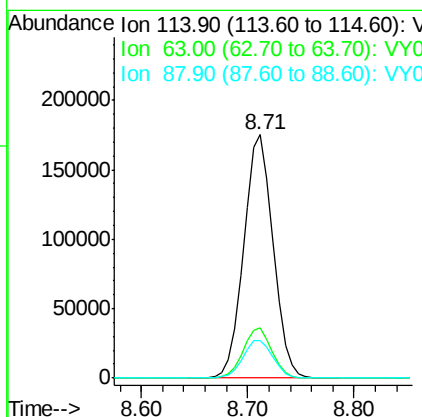
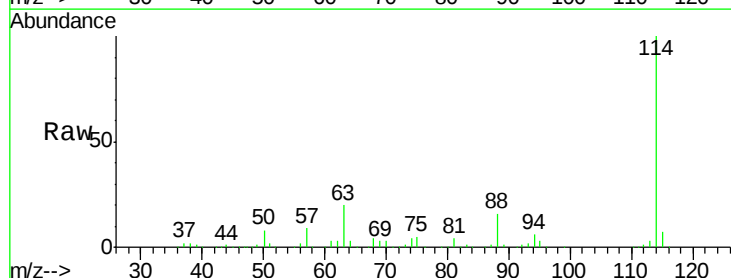
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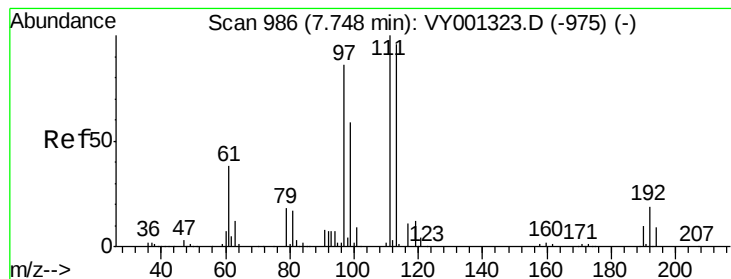
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	339062		
63	20.4	0.0	40.8	
88	15.5	0.0	31.0	





#35

Dibromofluoromethane

Concen: 49.379 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Instrument :

MSVOA_Y

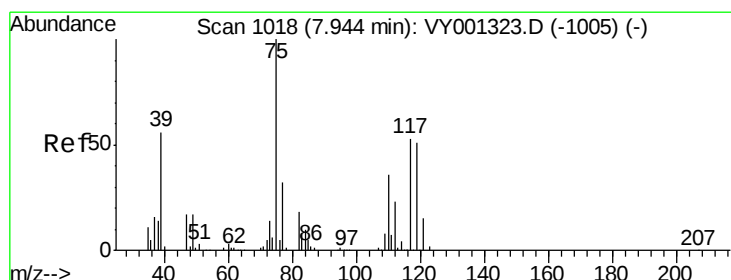
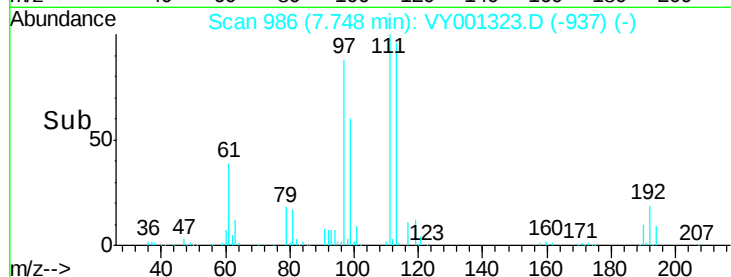
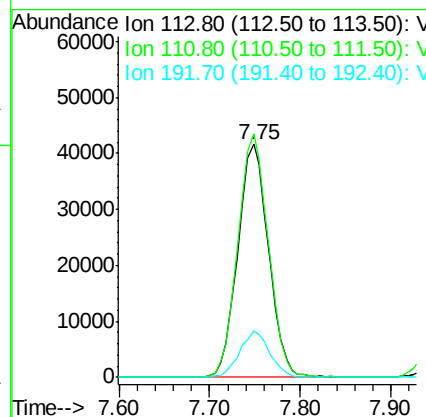
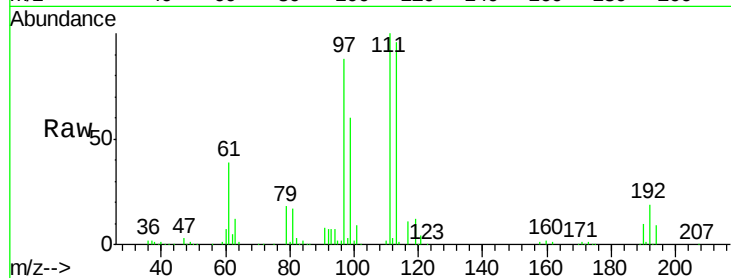
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	98157
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.8	124.2
192	19.4	15.5	23.3

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#36

1,1-Dichloropropene

Concen: 49.933 ug/l

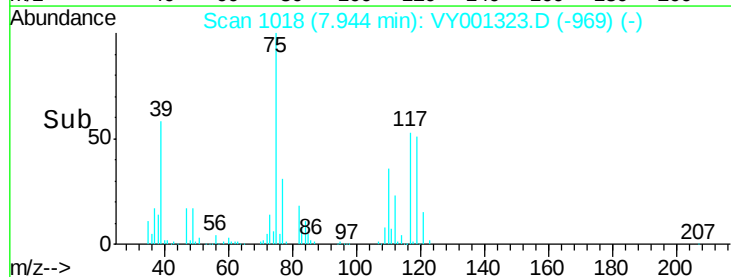
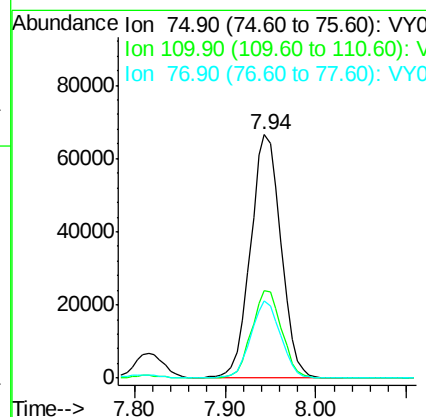
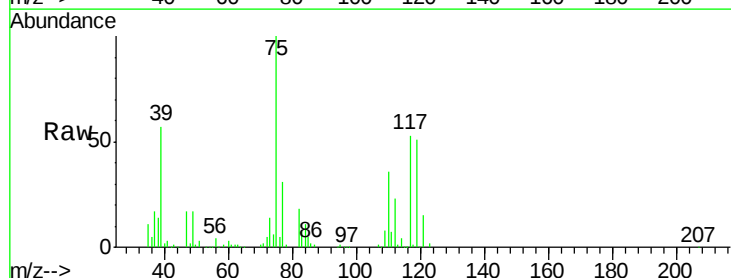
RT: 7.94 min Scan# 1018

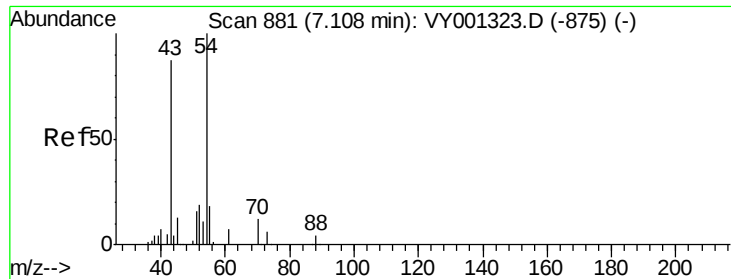
Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Tgt Ion:	75	Resp:	154926
Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.6	52.8
77	30.9	24.7	37.1





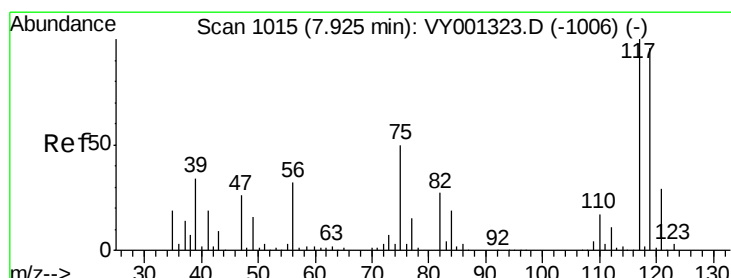
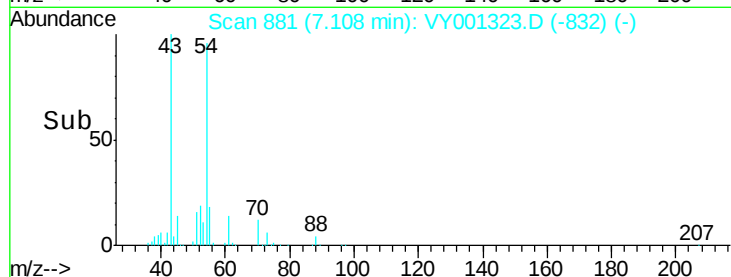
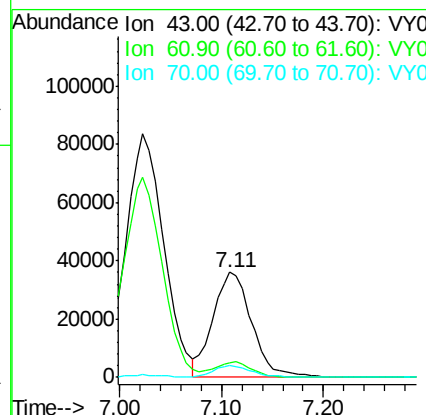
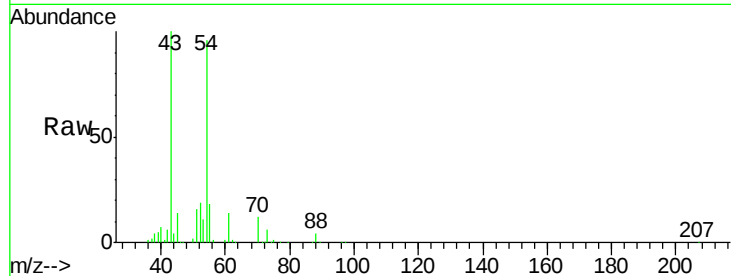
#37
Ethyl Acetate
Concen: 51.632 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	10.9	8.7	13.1

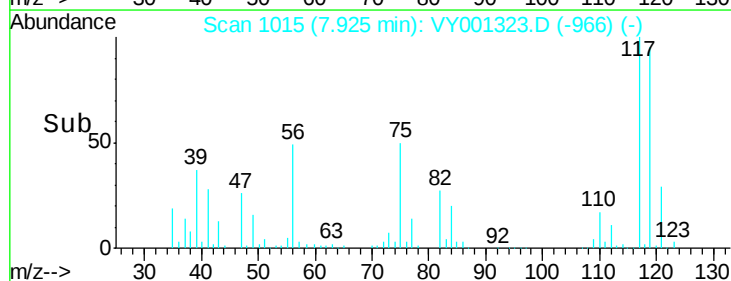
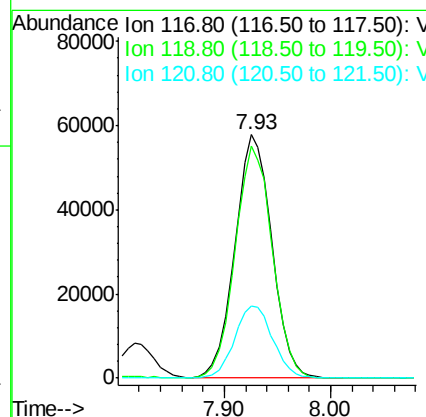
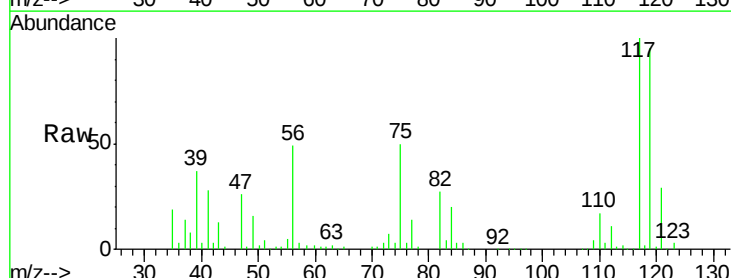
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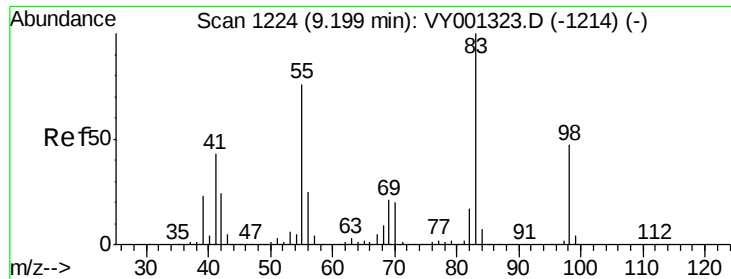
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.532 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.3	114.5
121	29.4	23.5	35.3





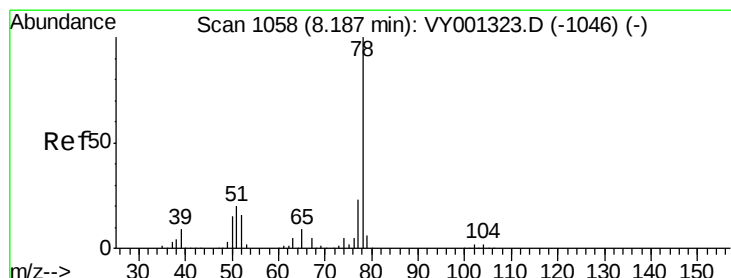
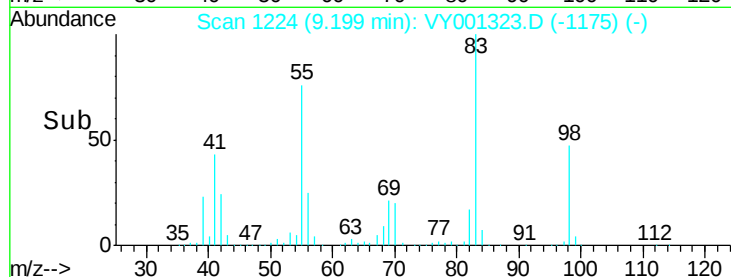
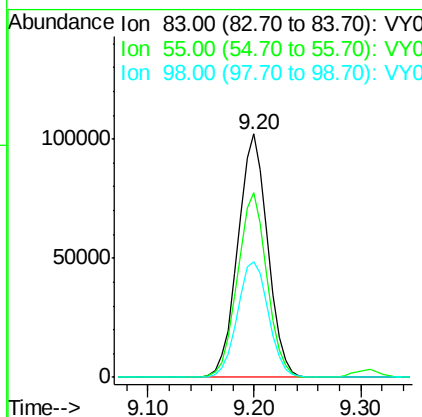
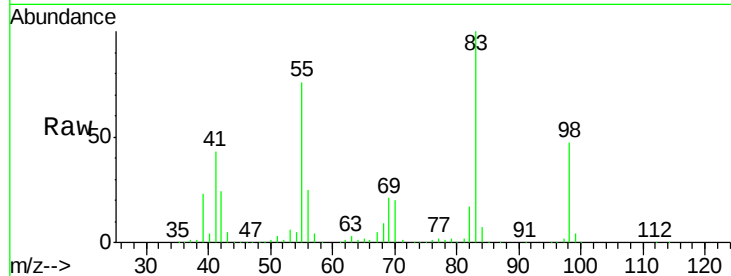
#39
Methvlcvclohexane
Concen: 48.235 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.7	91.1
98	47.3	37.8	56.8

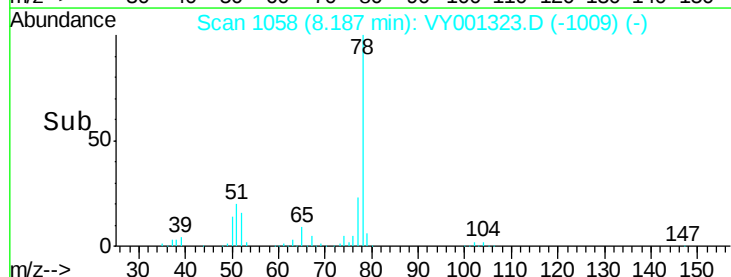
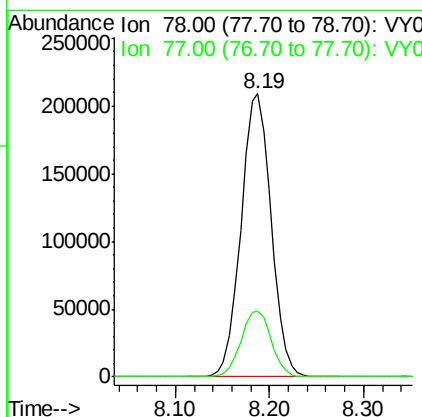
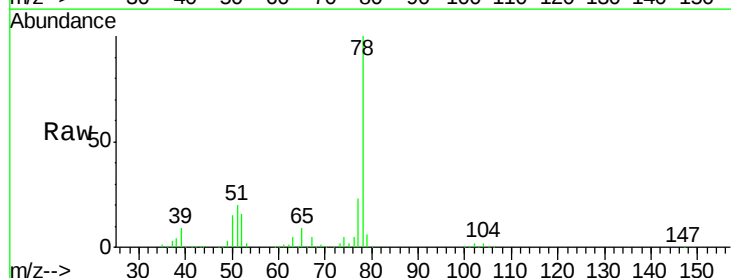
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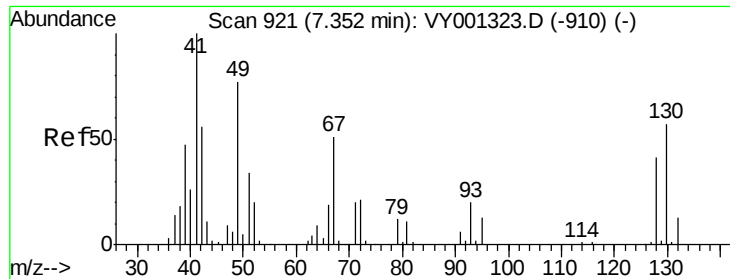
MMDadoda
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#40
Benzene
Concen: 51.299 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8





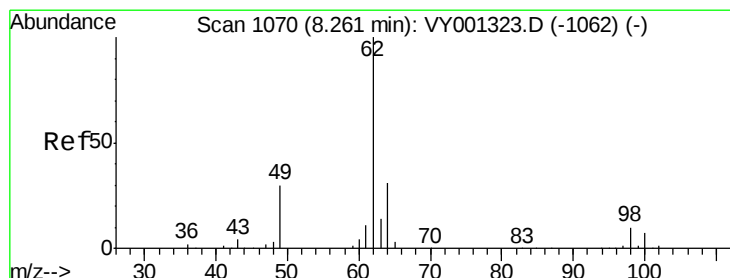
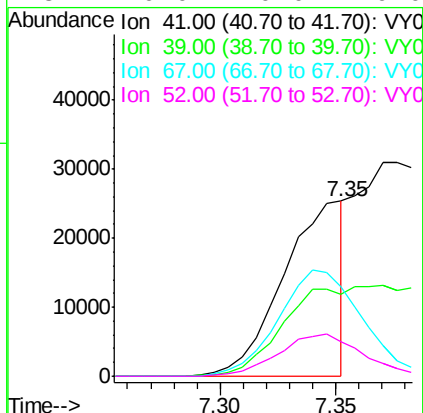
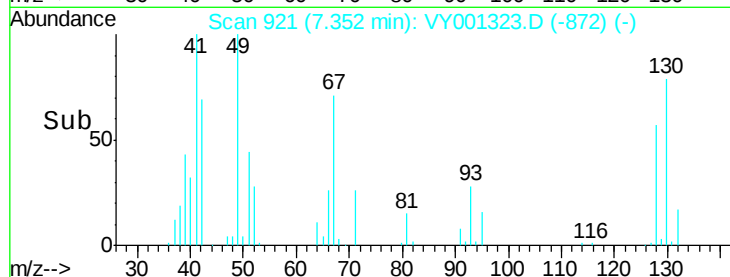
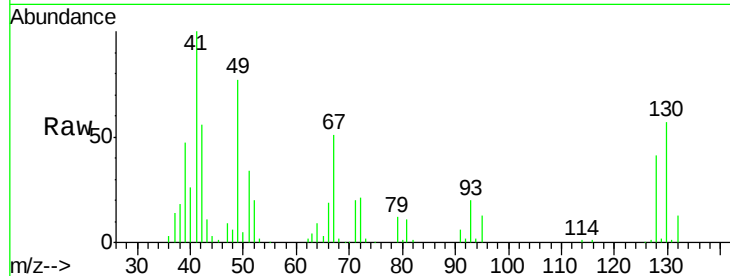
#41
Methacrylonitrile
Concen: 53.862 ug/l m
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	41	Resp	46794
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

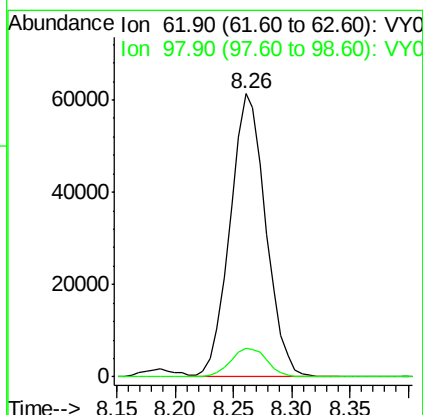
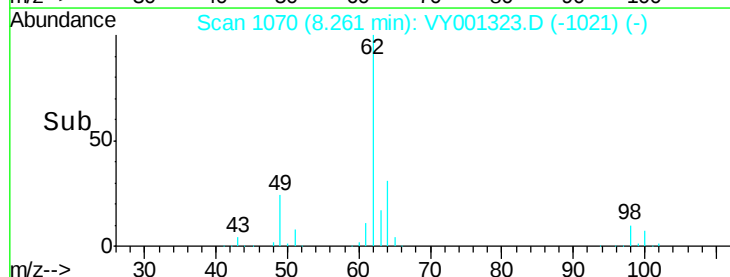
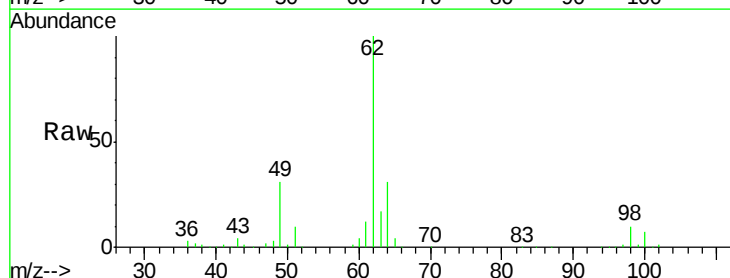
Manual Integrations
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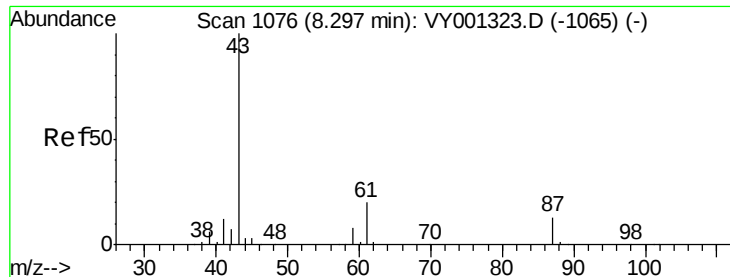
MMDadoda
1/22/2020 10:49:39 AM



#42
1,2-Dichloroethane
Concen: 51.381 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion	62	Resp	130980
Ion Ratio	Lower	Upper	
62	100		
98	10.4	0.0	20.8





#43

Isopropyl Acetate

Concen: 53.449 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Instrument :

MSVOA_Y

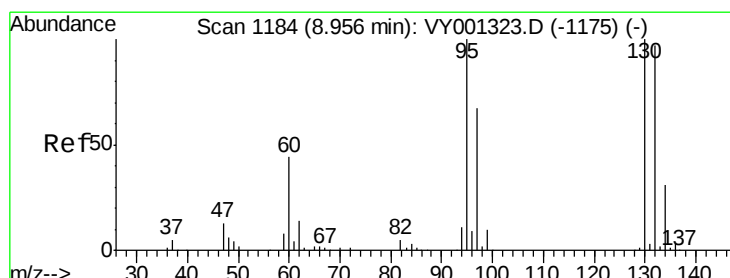
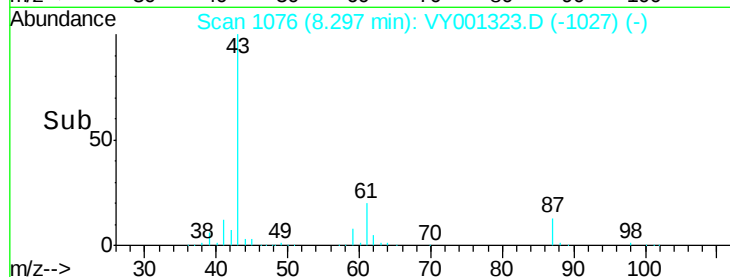
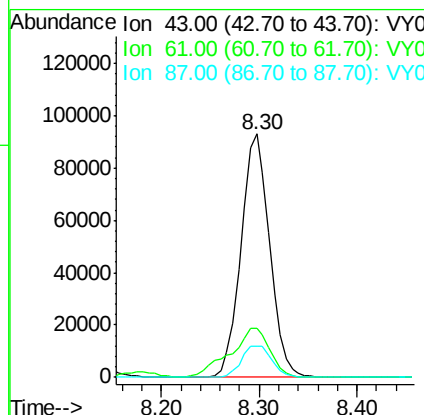
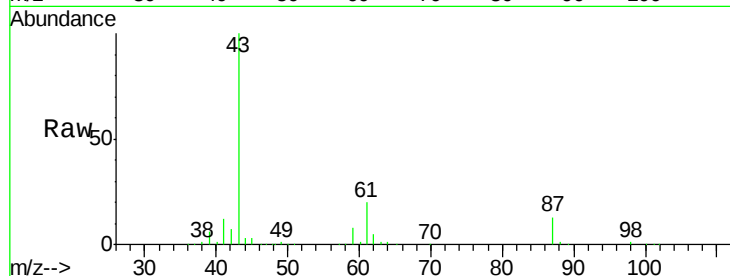
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	188993
Ion	Ratio	Lower	Upper
43	100		
61	28.4	22.7	34.1
87	13.7	11.0	16.4

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MMDadoda
1/22/2020 10:49:39 AM



#44

Trichloroethene

Concen: 50.234 ug/l

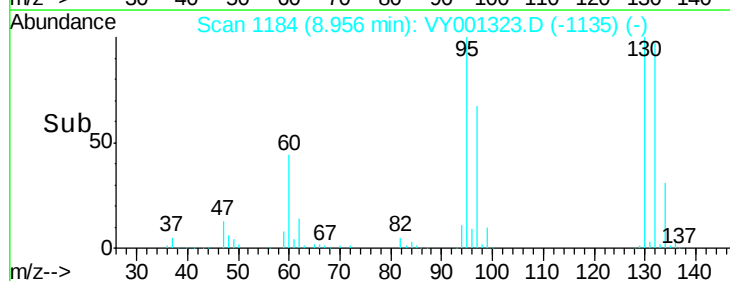
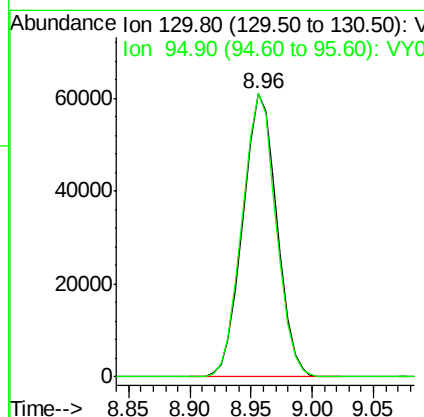
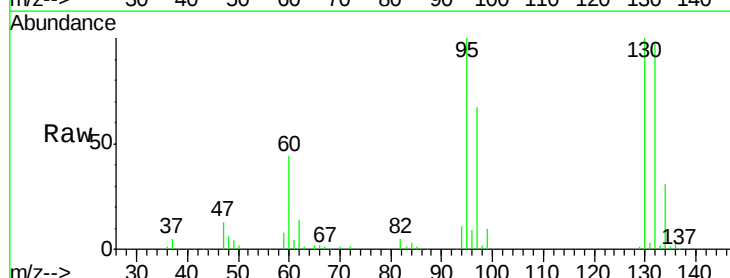
RT: 8.96 min Scan# 1184

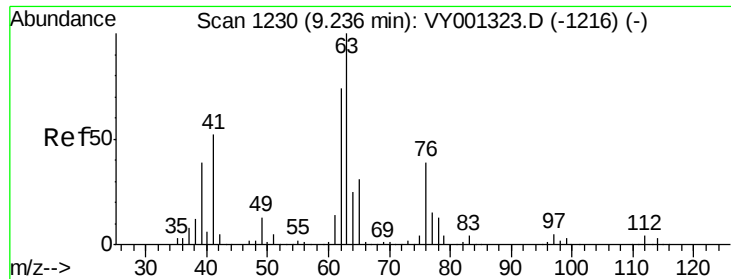
Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Tgt Ion:	130	Resp:	118340
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	200.0





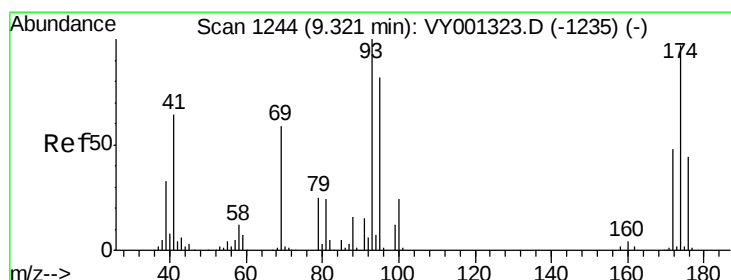
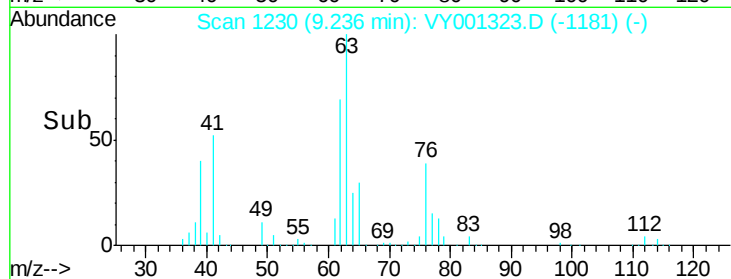
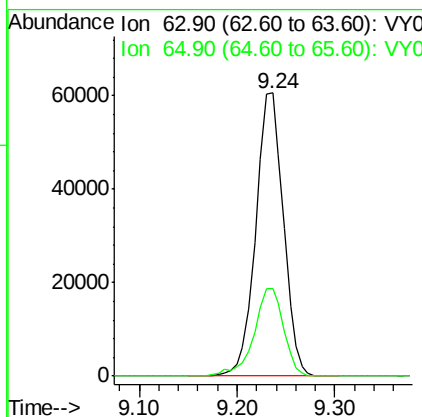
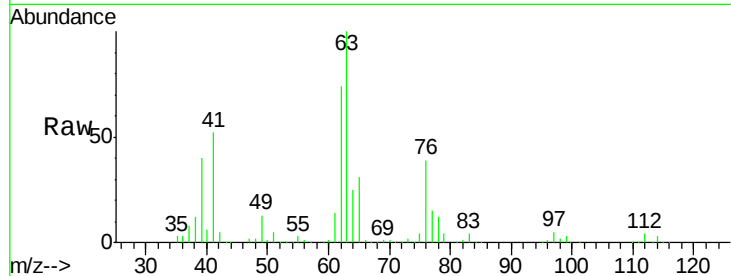
#45
 1,2-Dichloropropane
 Concen: 52.506 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.9	37.3

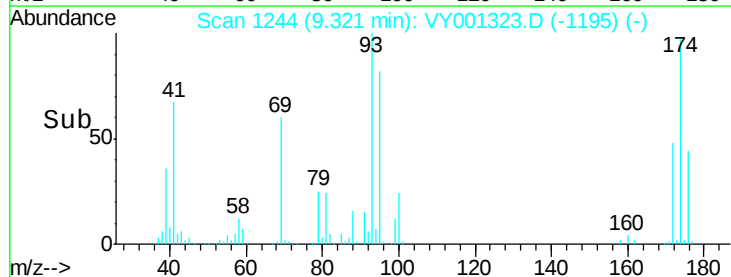
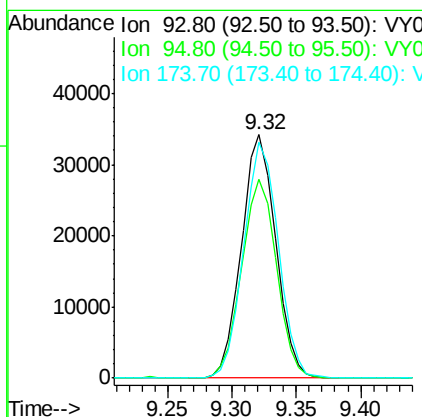
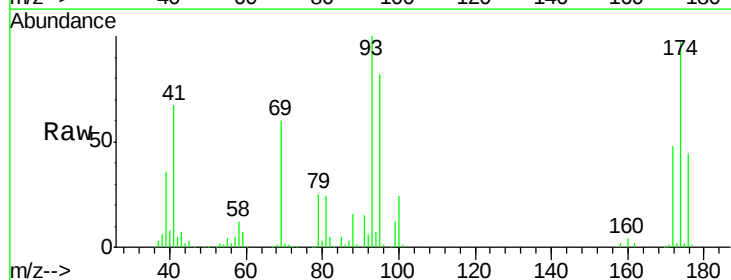
Manual Integrations
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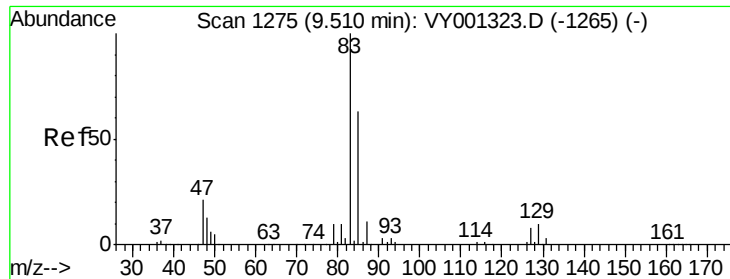
MMDadoda
 1/22/2020 10:49:39 AM



#46
 Dibromomethane
 Concen: 51.466 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.5	99.7
174	97.4	77.9	116.9





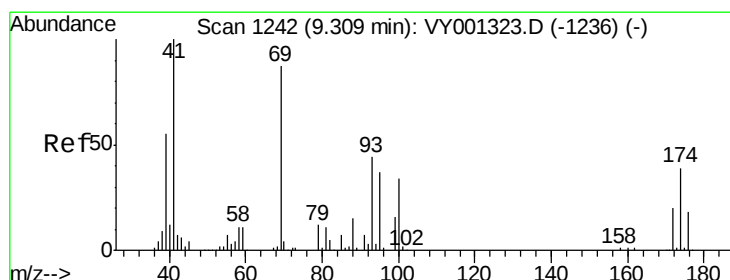
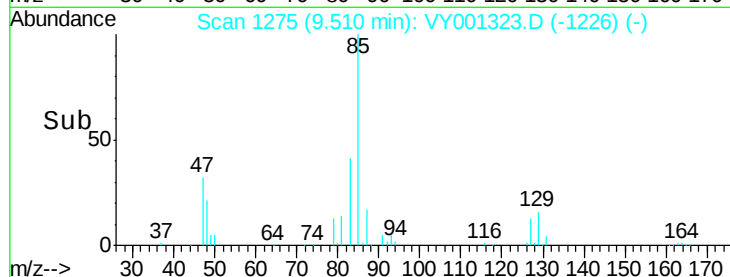
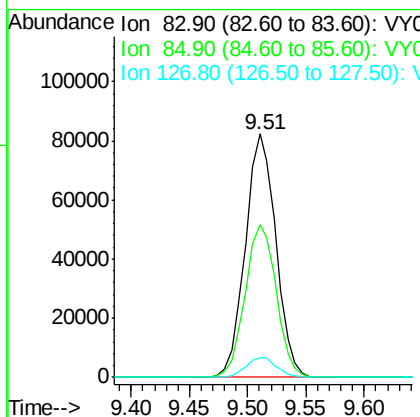
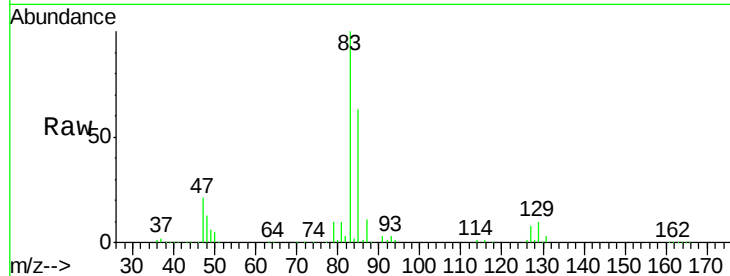
#47
Bromodichloromethane
Concen: 50.567 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	150990
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	50.2	75.2
127	8.0	6.4	9.6

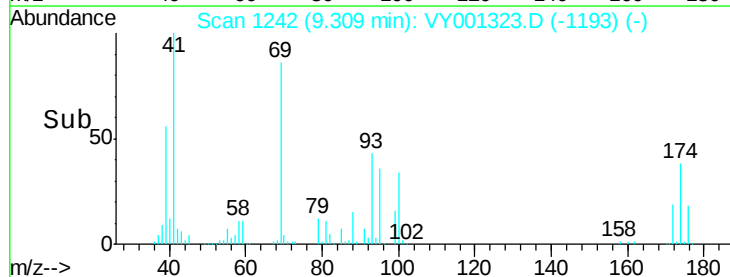
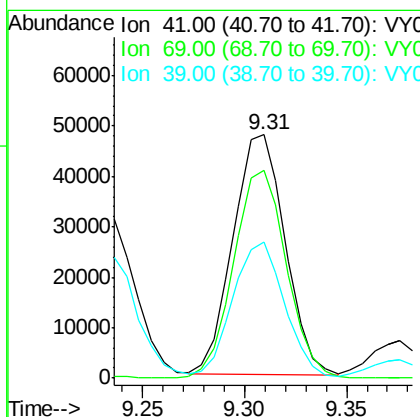
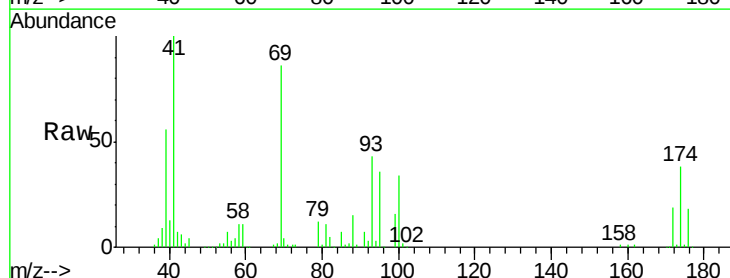
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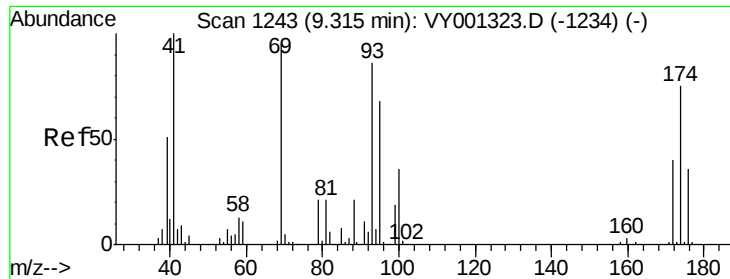
MMDadoda
1/22/2020 10:49:39 AM



#48
Methyl methacrylate
Concen: 51.960 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion	41	Resp	84452
Ion Ratio	100	Lower	Upper
41	100		
69	87.8	70.2	105.4
39	57.1	45.7	68.5





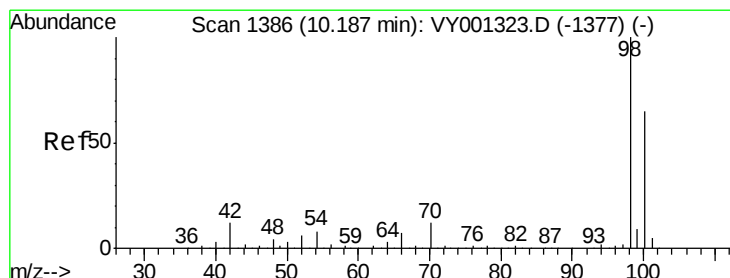
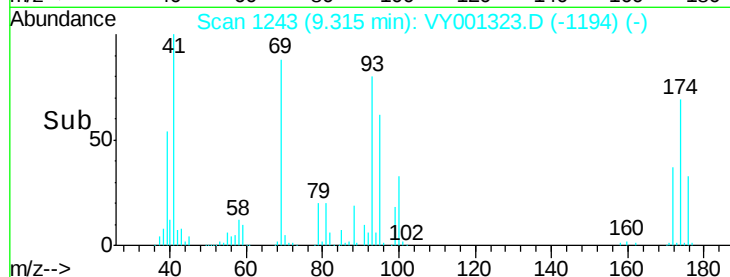
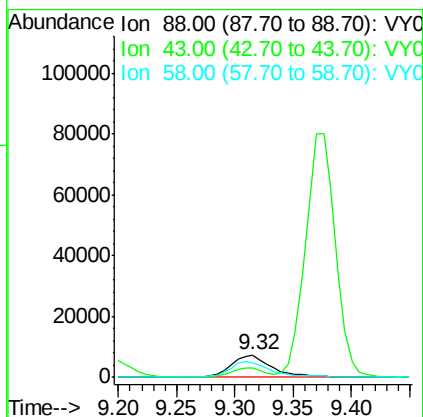
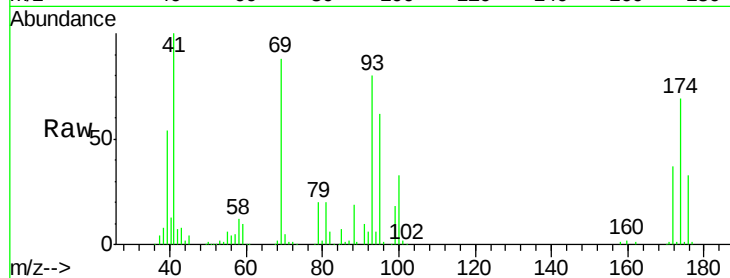
#49
1,4-Dioxane
Concen: 1160.845 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	28.2	42.2
58	69.5	55.6	83.4

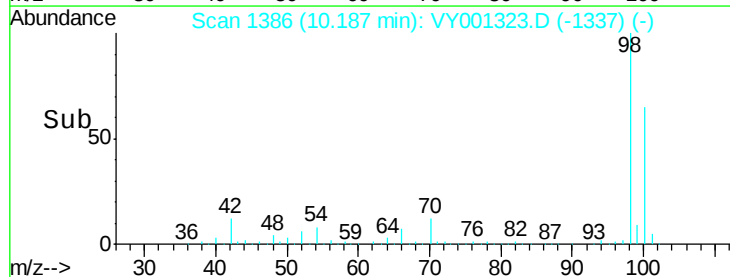
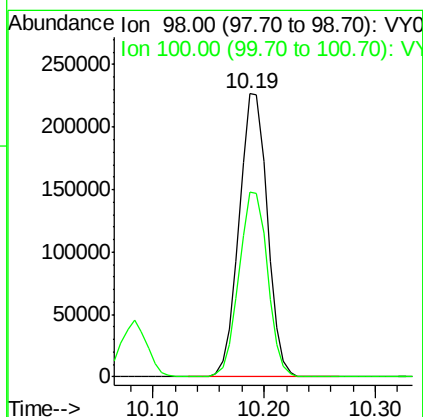
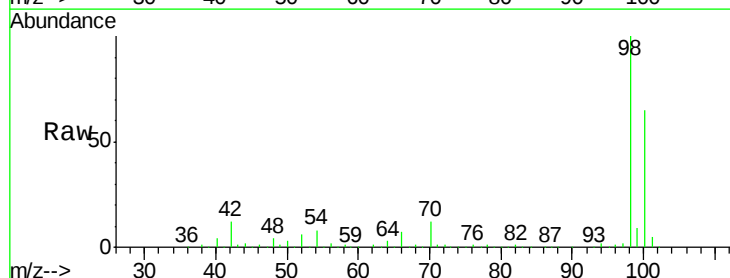
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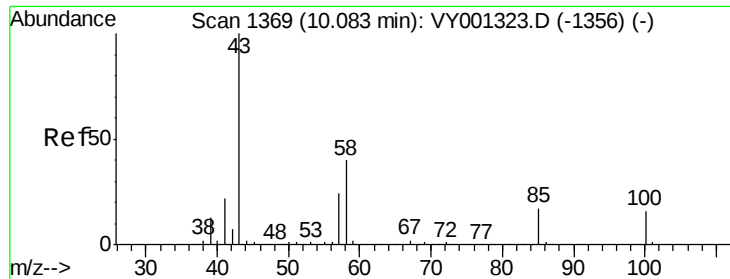
MMDadoda
1/22/2020 10:49:39 AM



#50
Toluene-d8
Concen: 52.310 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	79.0





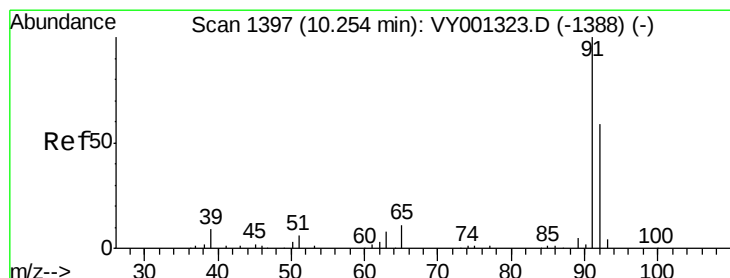
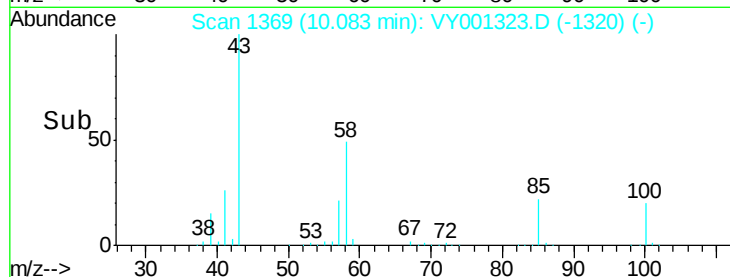
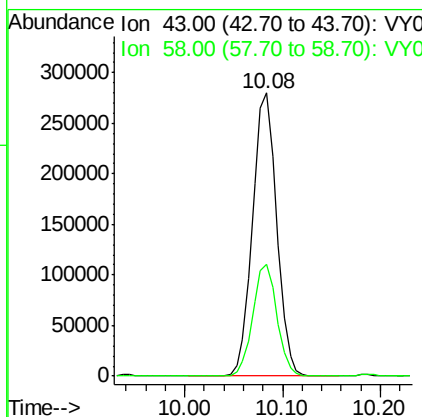
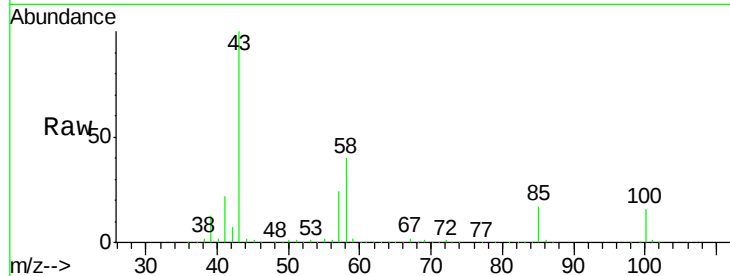
#51
4-Methyl-2-Pentanone
Concen: 267.306 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	43	58	Resp	Lower	Upper
43	100				
58	39.4		31.5	47.3	

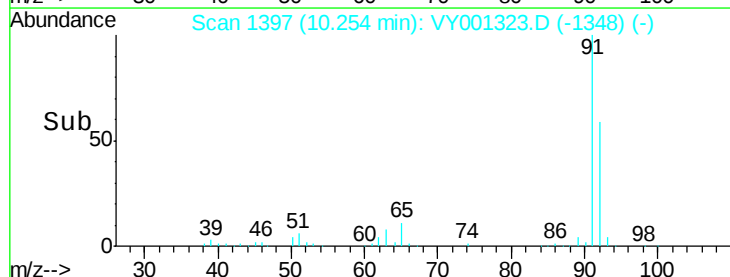
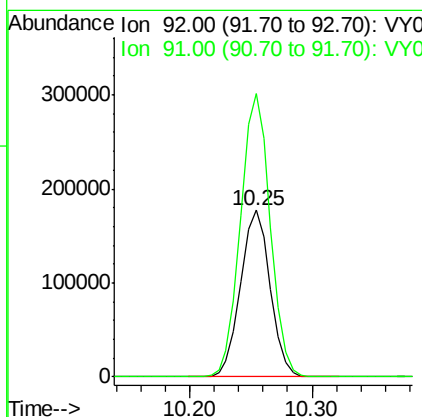
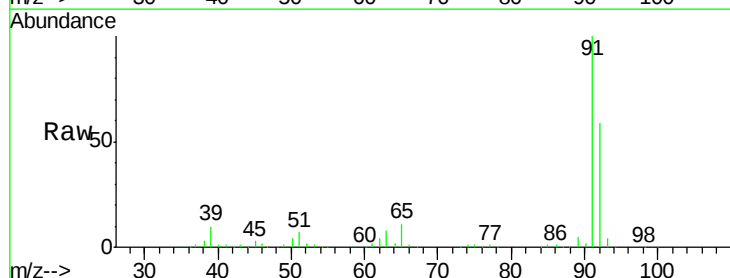
Manual Integrations
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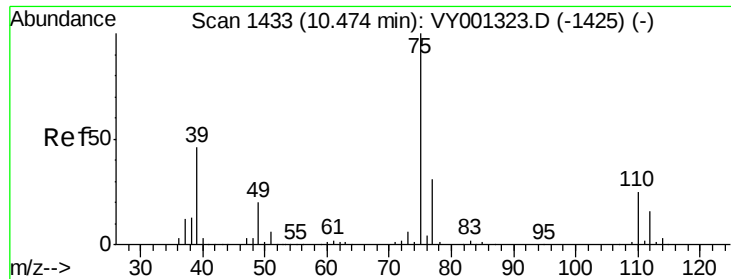
MMDadoda
1/22/2020 10:49:39 AM



#52
Toluene
Concen: 51.138 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion	92	91	Resp	Lower	Upper
92	100				
91	170.5		136.4	204.6	





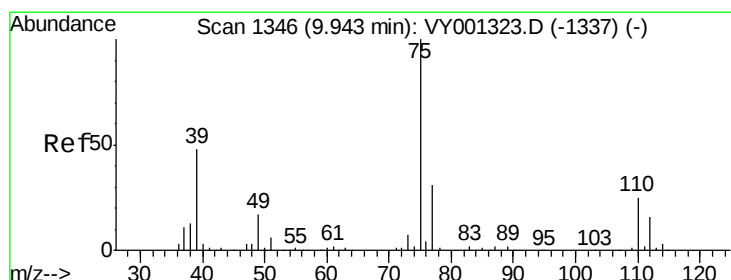
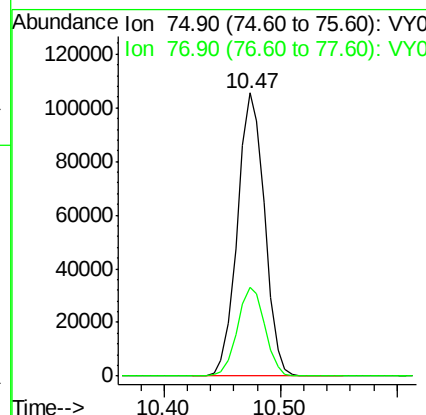
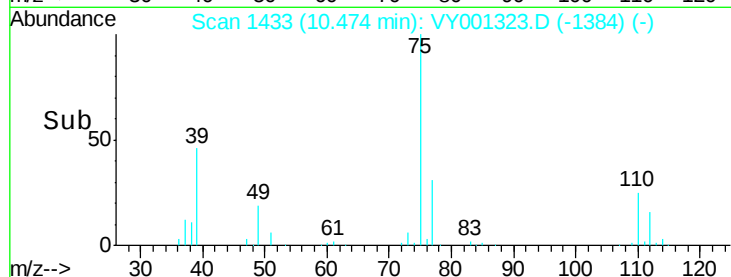
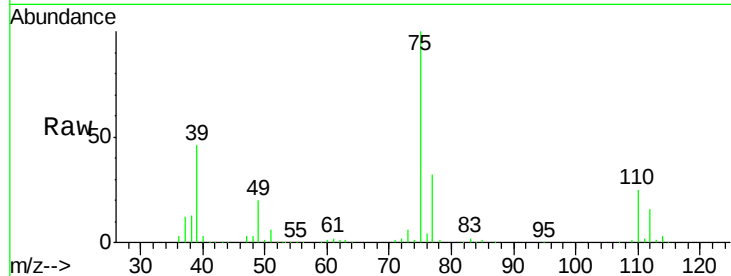
#53
t-1,3-Dichloropropene
Concen: 51.372 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 171765
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

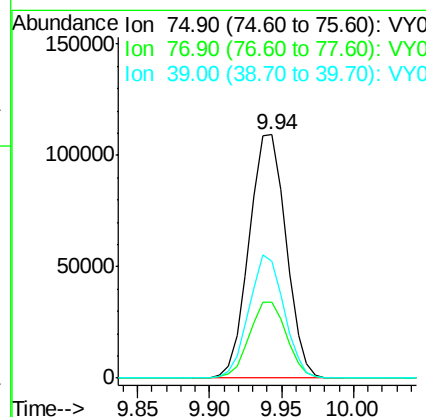
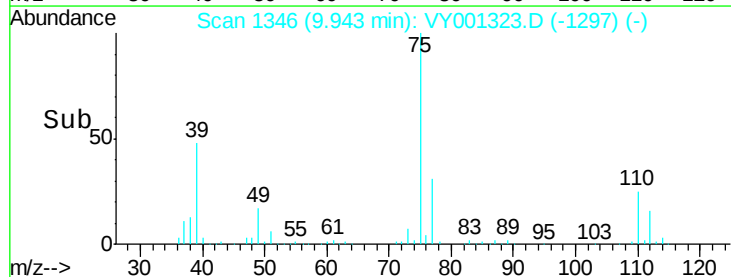
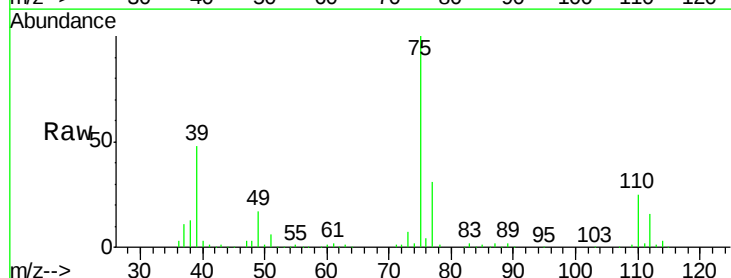
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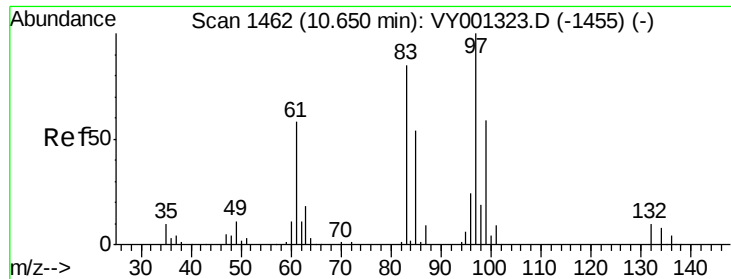
MMDadoda
1/22/2020 10:49:39 AM



#54
cis-1,3-Dichloropropene
Concen: 51.425 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 75 Resp: 194088
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 47.8 38.2 57.4





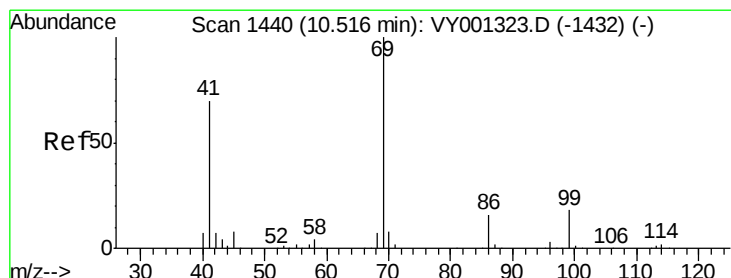
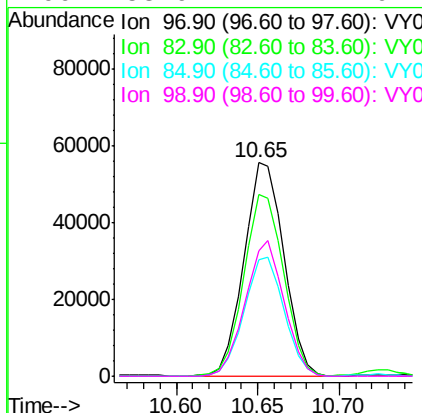
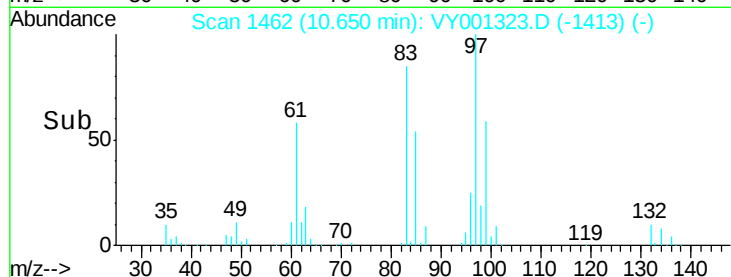
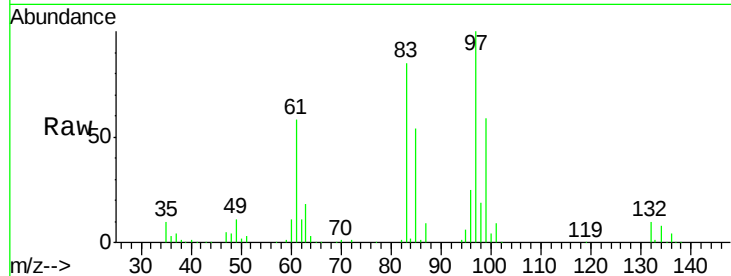
#55
1,1,2-Trichloroethane
Concen: 52.057 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.0	102.0
85	54.5	43.6	65.4
99	58.9	47.1	70.7

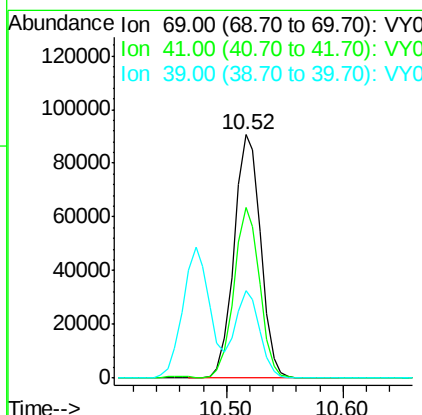
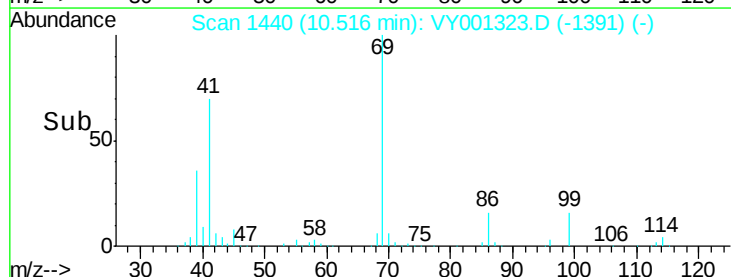
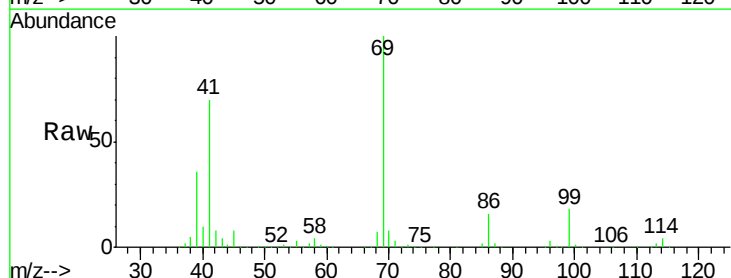
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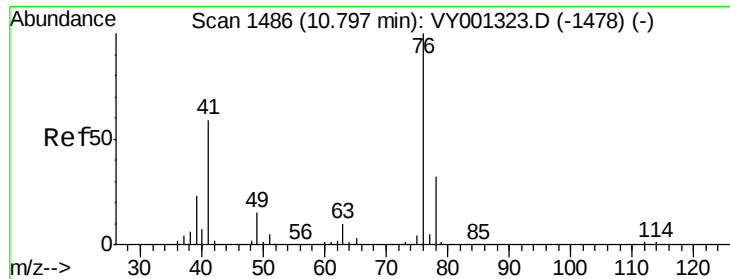
MMDadoda
1/22/2020 10:49:39 AM



#56
Ethyl methacrylate
Concen: 51.627 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.6	54.1	81.1
39	33.5	26.8	40.2





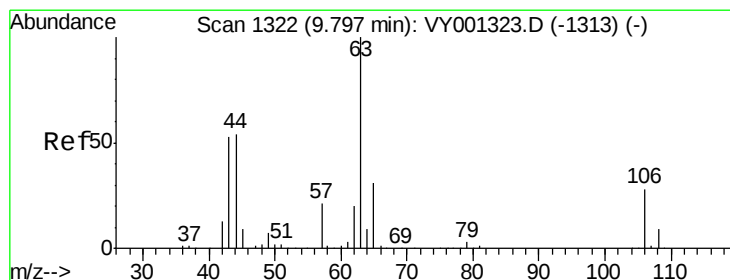
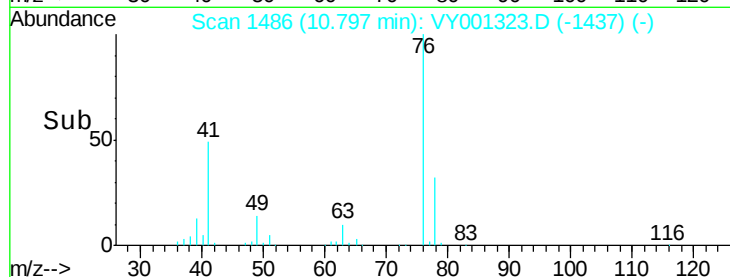
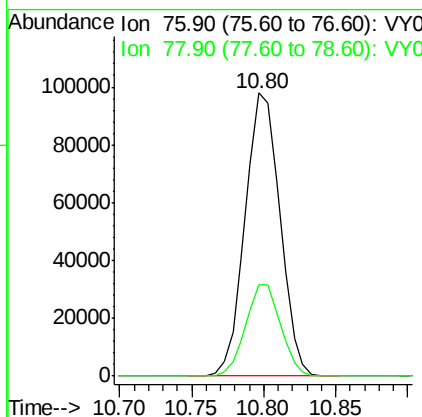
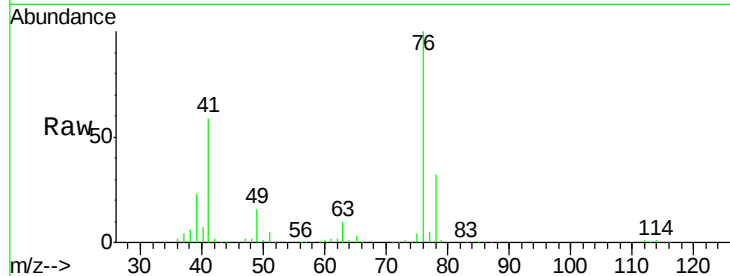
#57
 1,3-Dichloropropane
 Concen: 52.432 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 164363
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8

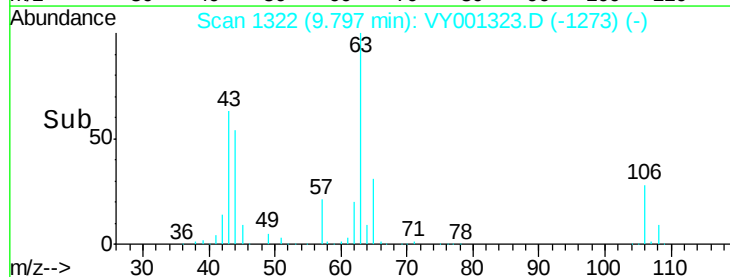
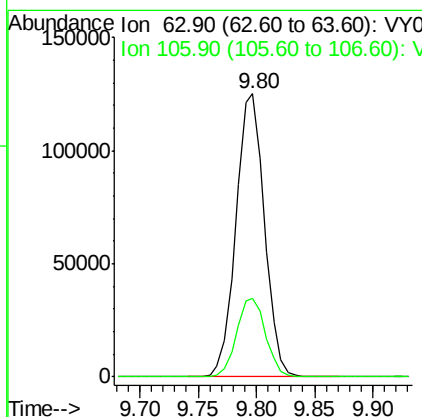
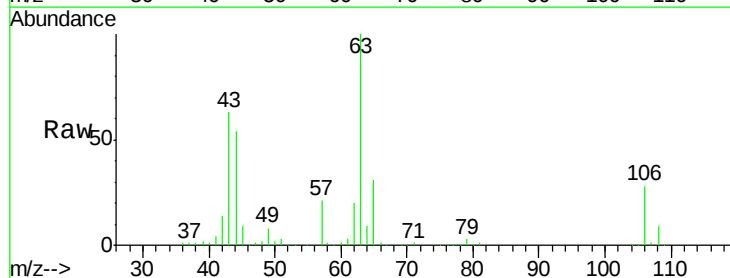
Manual Integrations
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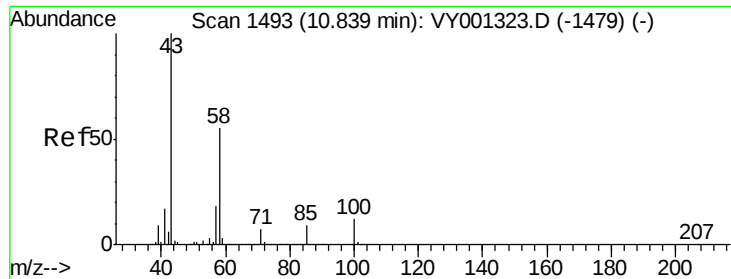
MMDadoda
 1/22/2020 10:49:39 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 219.877 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Tgt Ion: 63 Resp: 212973
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.5 33.7





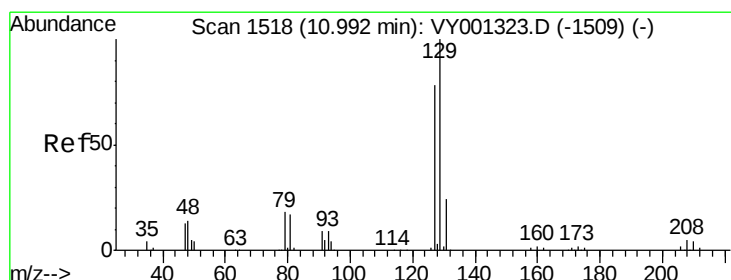
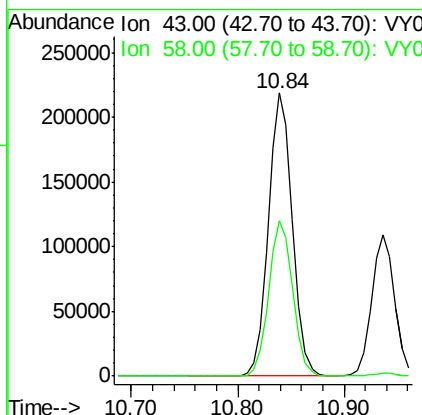
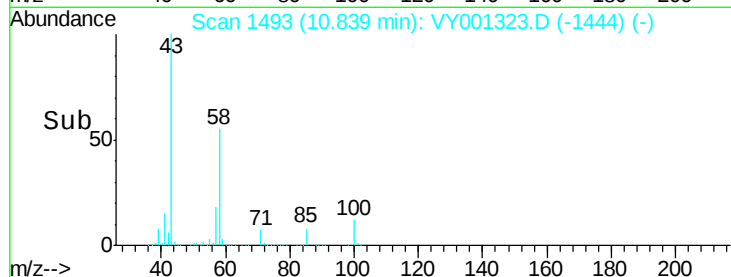
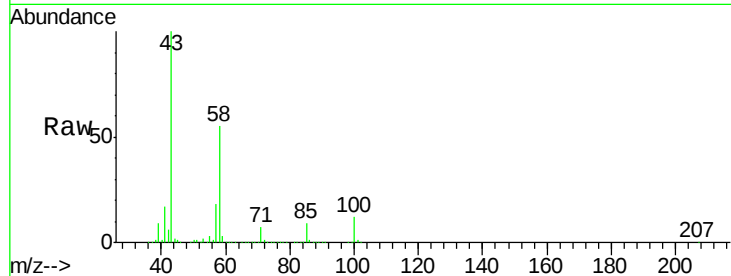
#59
2-Hexanone
Concen: 271.743 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 342047
Ion Ratio Lower Upper
43 100
58 55.2 27.6 82.8

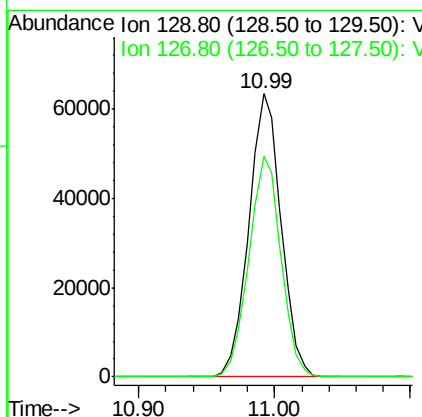
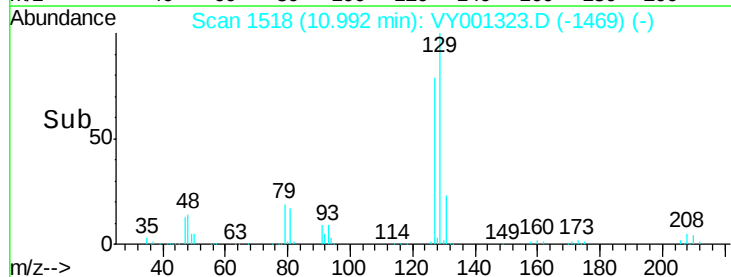
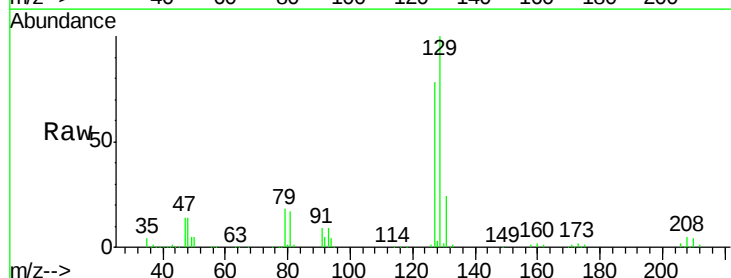
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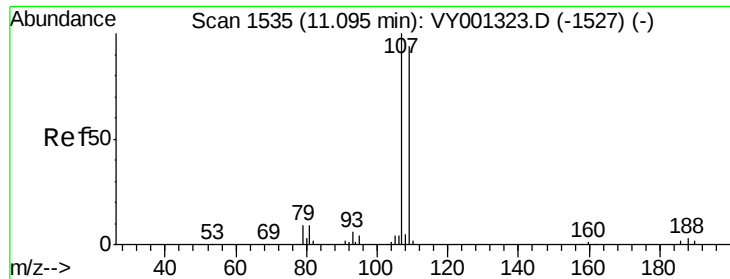
MMDadoda
1/22/2020 10:49:39 AM



#60
Dibromochloromethane
Concen: 50.595 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 129 Resp: 105498
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





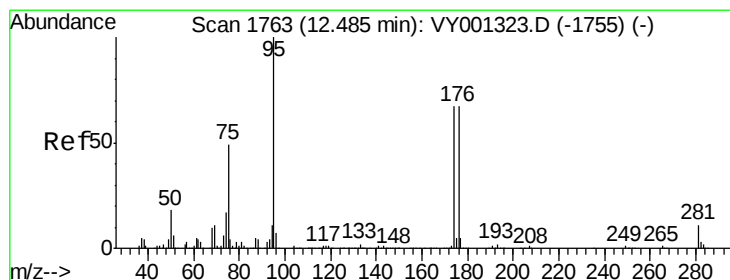
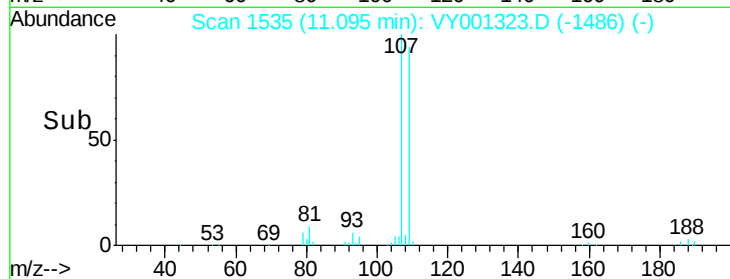
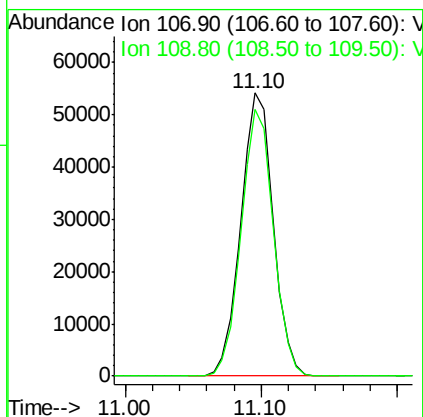
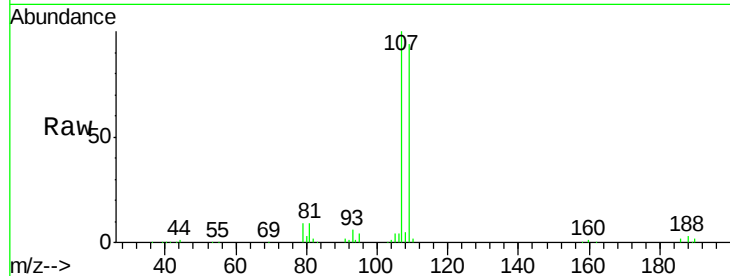
#61
 1,2-Dibromoethane
 Concen: 50.903 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 107 Resp: 90326
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6

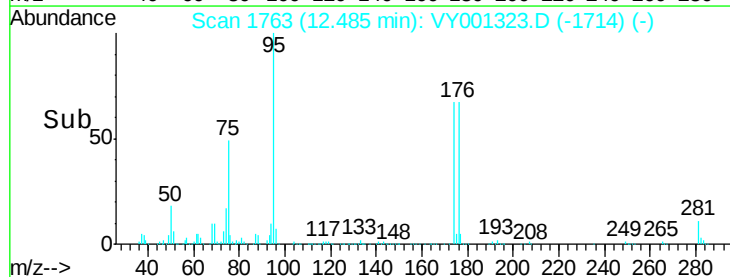
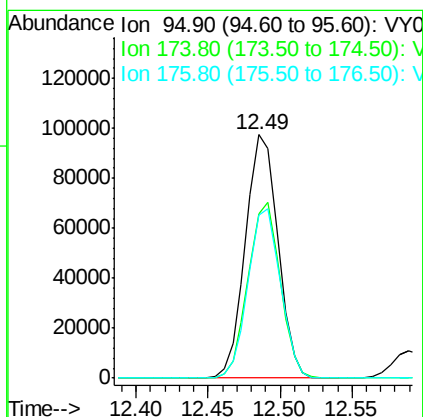
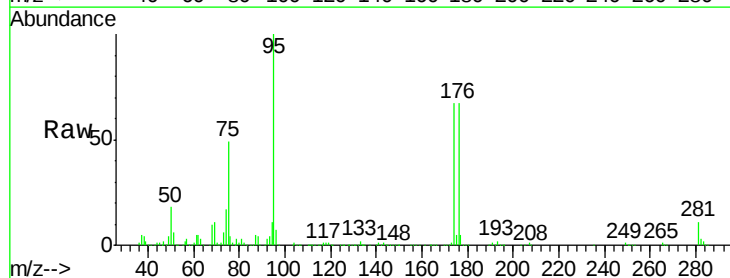
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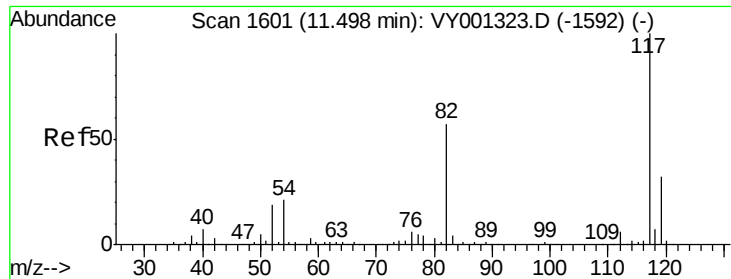
MMDadoda
 1/22/2020 10:49:39 AM



#62
 4-Bromofluorobenzene
 Concen: 48.917 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Tgt Ion: 95 Resp: 152576
 Ion Ratio Lower Upper
 95 100
 174 71.0 0.0 142.0
 176 69.3 0.0 138.6





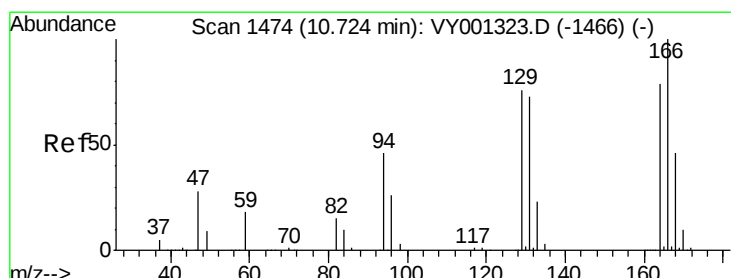
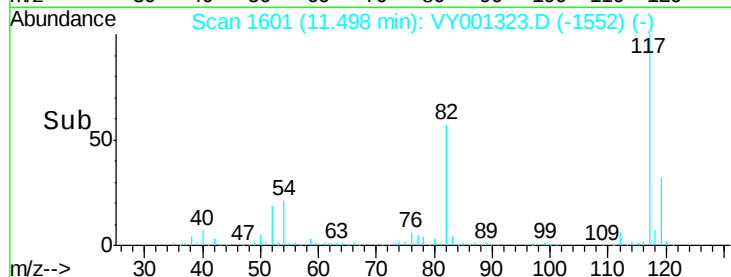
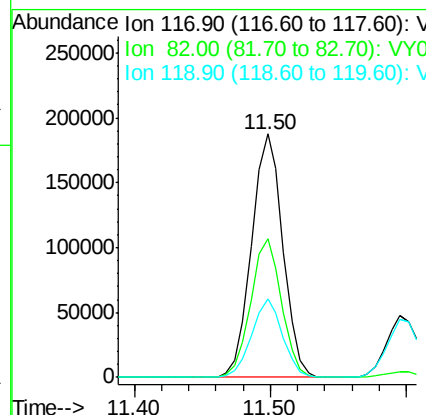
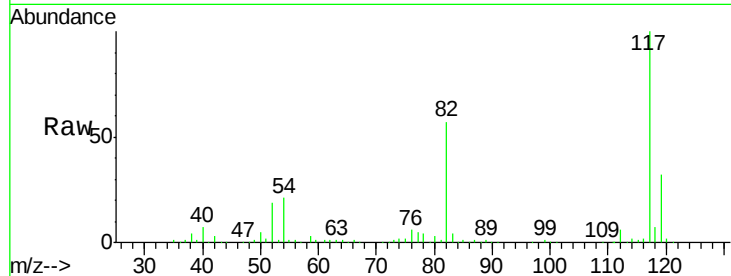
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.5	68.3
119	32.2	25.8	38.6

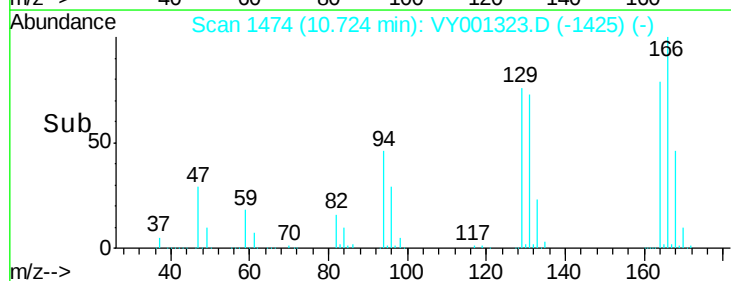
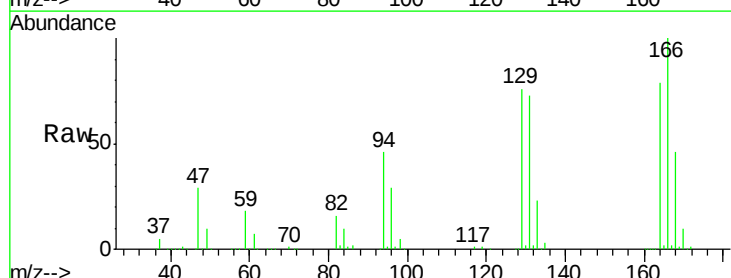
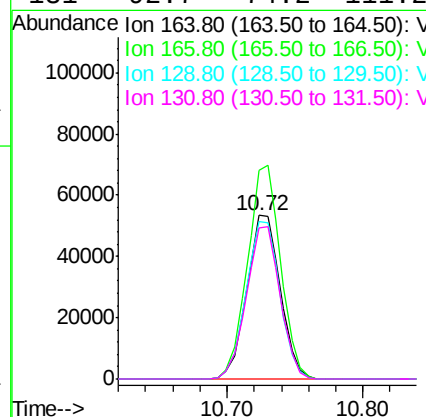
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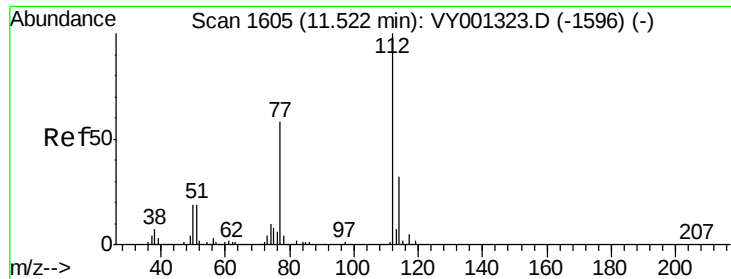
MMDadoda
1/22/2020 10:49:39 AM



#64
Tetrachloroethene
Concen: 47.689 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	101.8	152.8
129	96.4	77.1	115.7
131	92.7	74.2	111.2





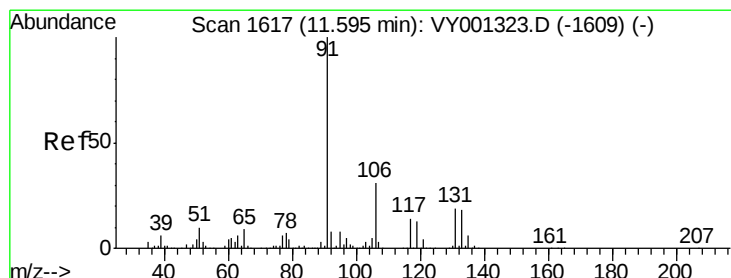
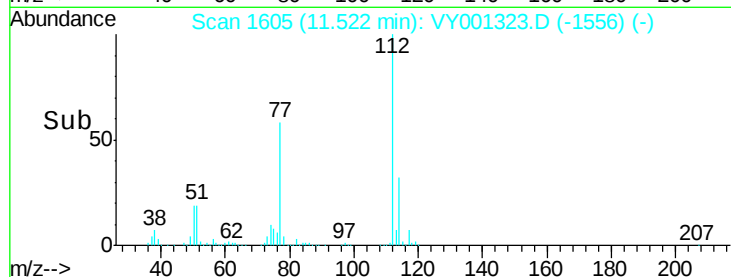
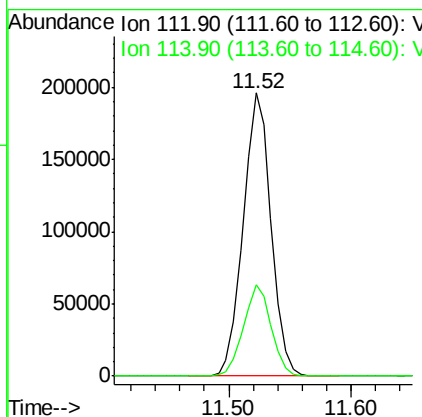
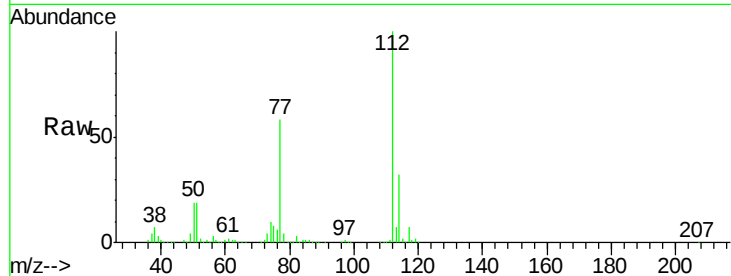
#65
Chlorobenzene
Concen: 50.785 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.8	38.6

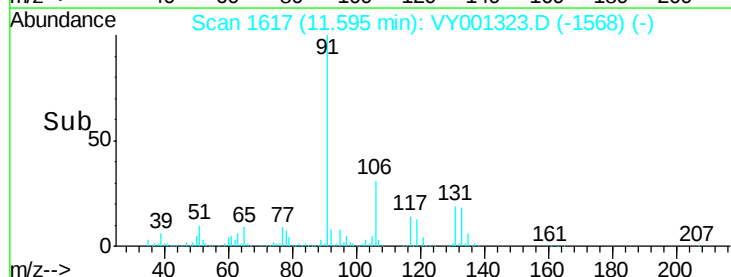
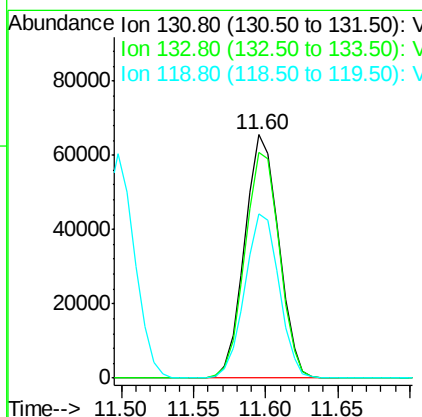
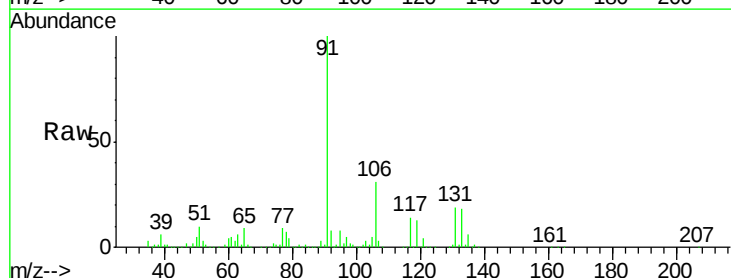
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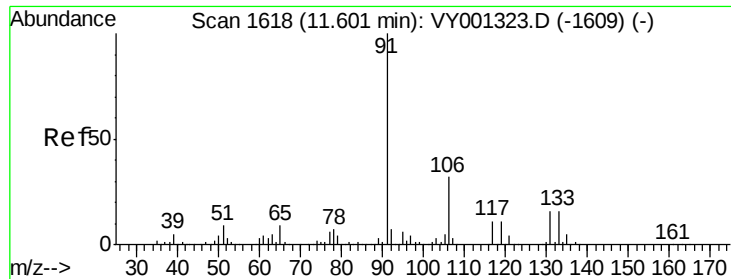
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.157 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.1	141.3
119	68.1	34.1	102.2





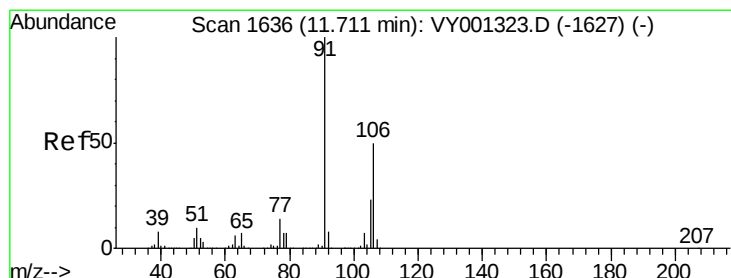
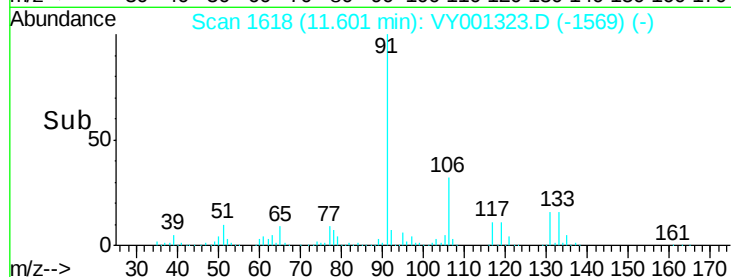
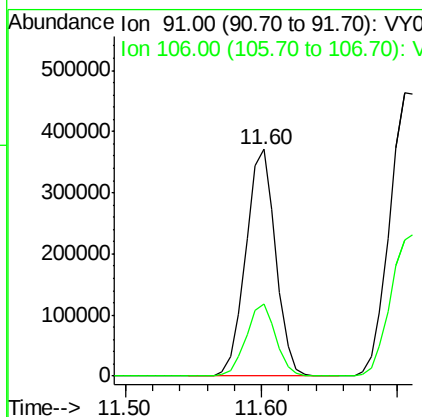
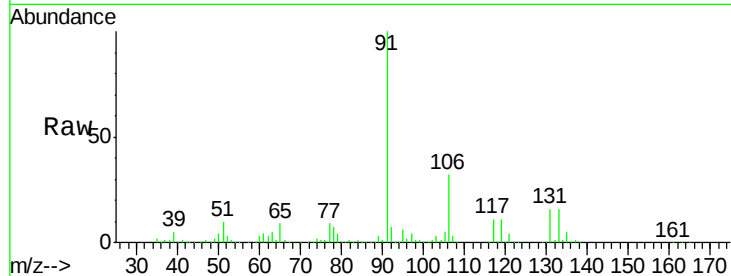
#67
Ethyl Benzene
Concen: 51.345 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 570402
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0

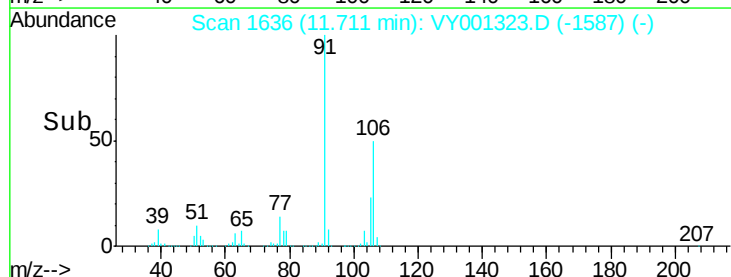
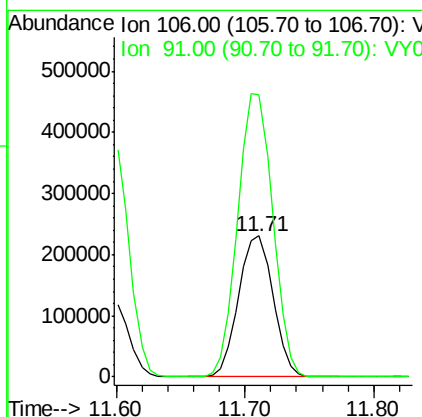
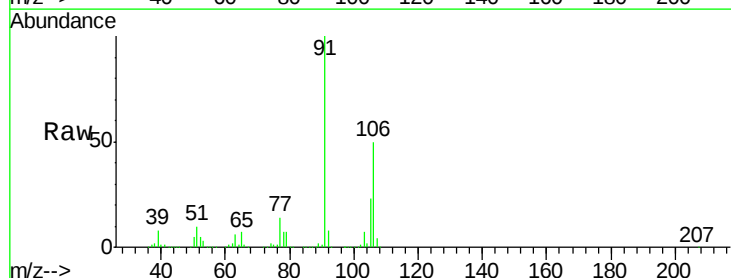
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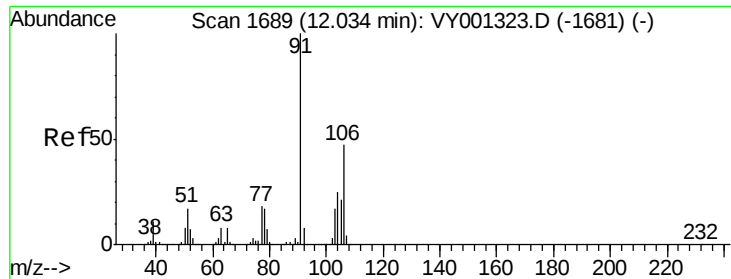
MMDadoda
1/22/2020 10:49:39 AM



#68
m/p-Xylenes
Concen: 102.627 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 106 Resp: 428781
Ion Ratio Lower Upper
106 100
91 203.5 162.8 244.2





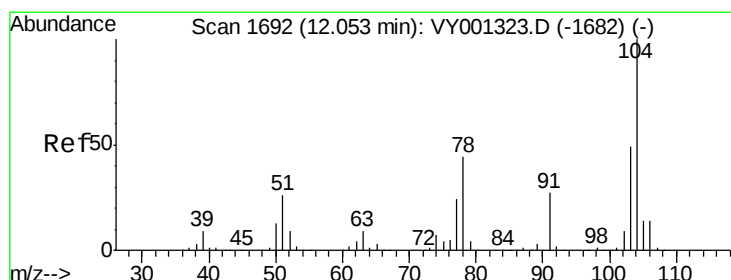
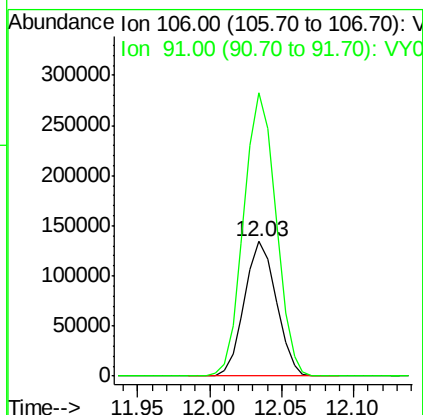
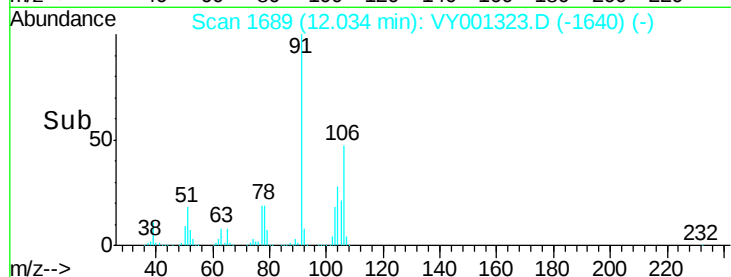
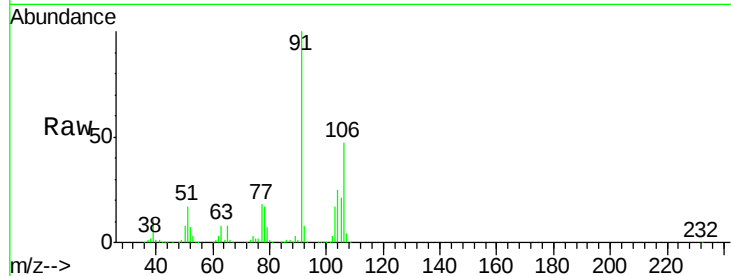
#69
o-Xylene
Concen: 51.260 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 205939
Ion Ratio Lower Upper
106 100
91 212.7 106.3 319.0

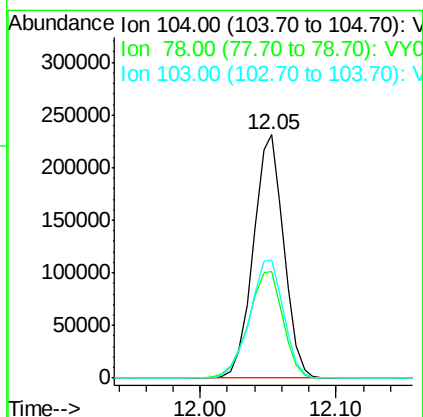
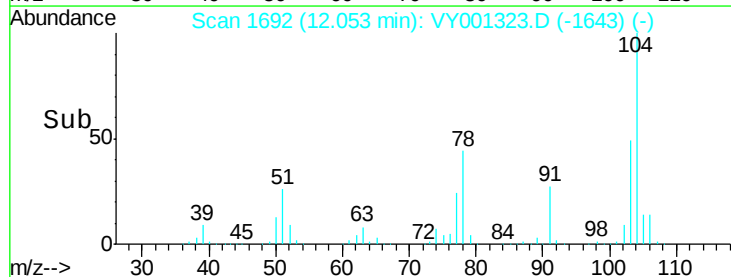
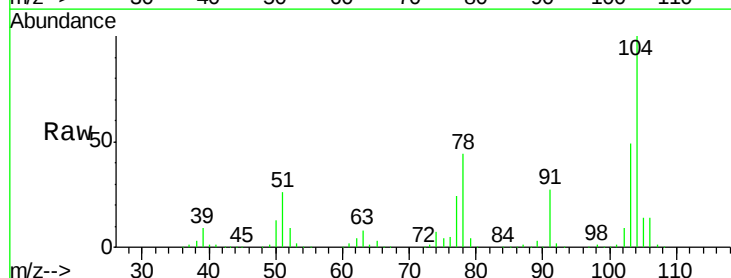
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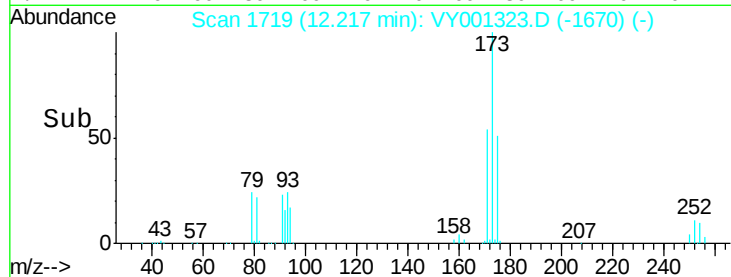
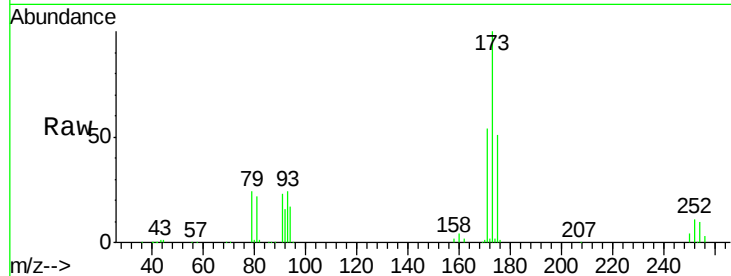
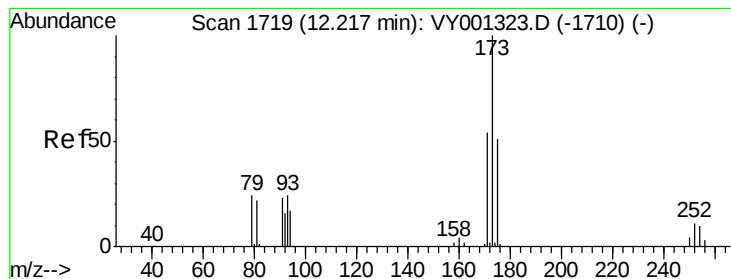
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#70
Styrene
Concen: 51.413 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:104 Resp: 361991
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.8
103 54.0 43.2 64.8





#71

Bromoform

Concen: 49.707 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Tot Ion:	173	Resp:	63571
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.3	72.9
254	0.0	0.0	0.0

Instrument :

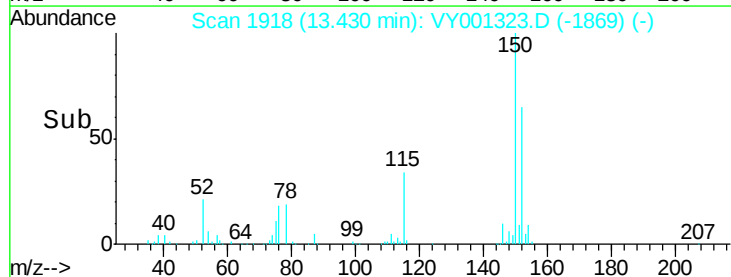
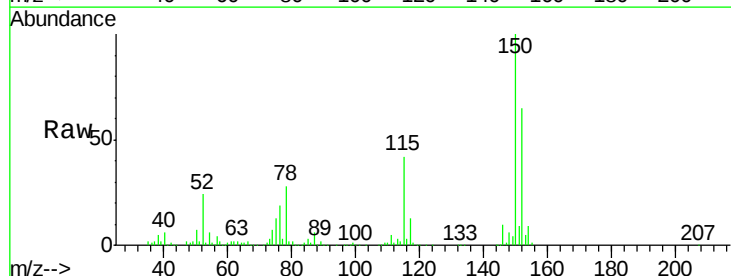
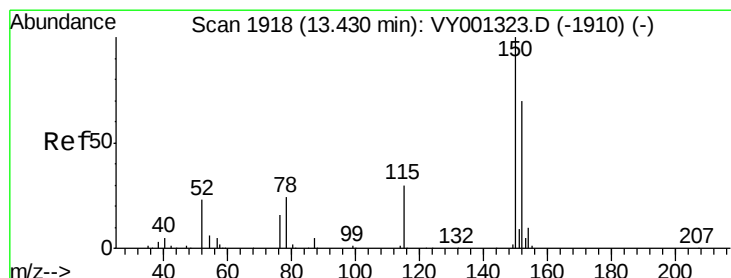
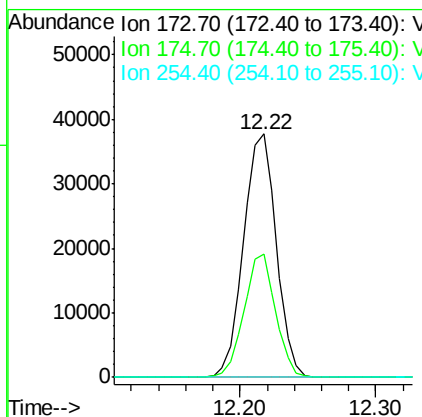
MSVOA_Y

ClientSampleId :

VSTDICCC050

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MMDadoda
1/22/2020 10:49:39 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

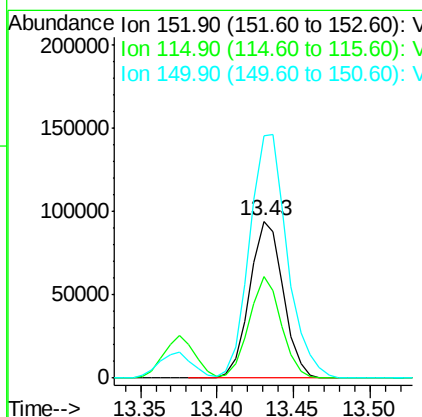
RT: 13.43 min Scan# 1918

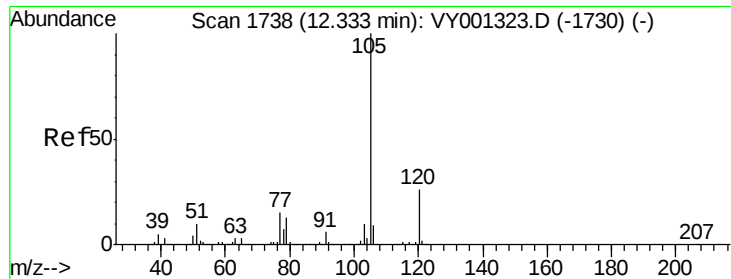
Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Tgt Ion:	152	Resp:	143749
Ion Ratio	Lower	Upper	
152	100		
115	61.9	30.9	92.8
150	174.6	0.0	349.2





#73

Isopropylbenzene

Concen: 51.003 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 554627

Ion Ratio Lower Upper

105 100

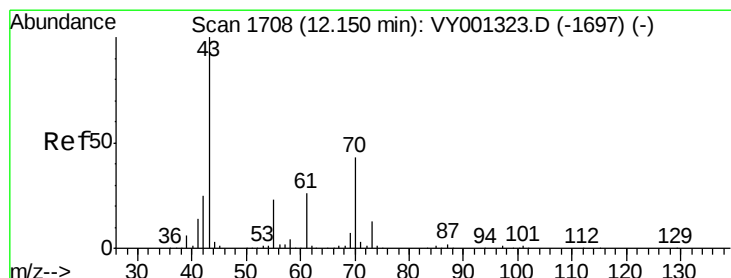
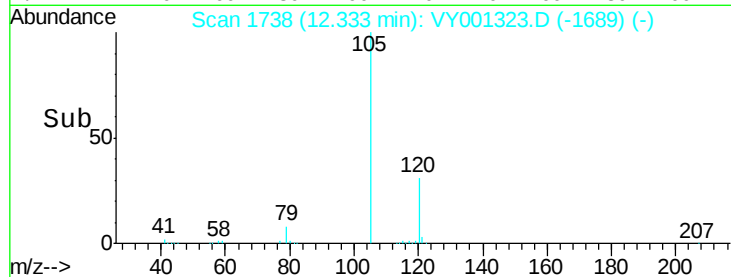
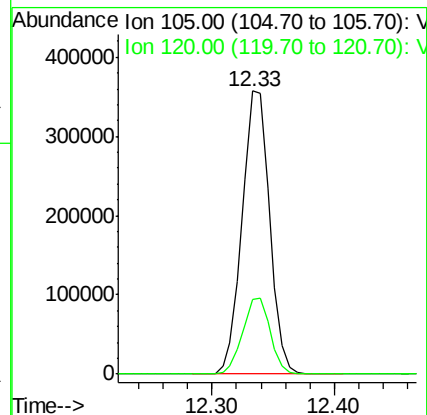
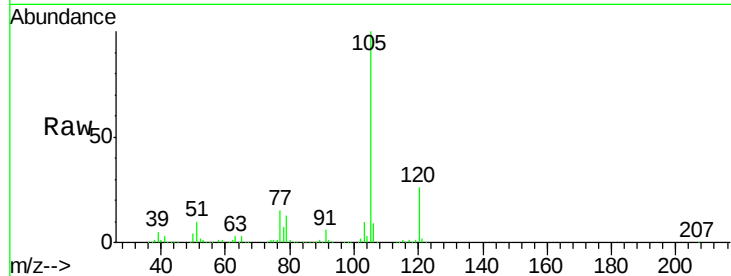
120 26.9 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 53.728 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Tgt Ion: 43 Resp: 183986

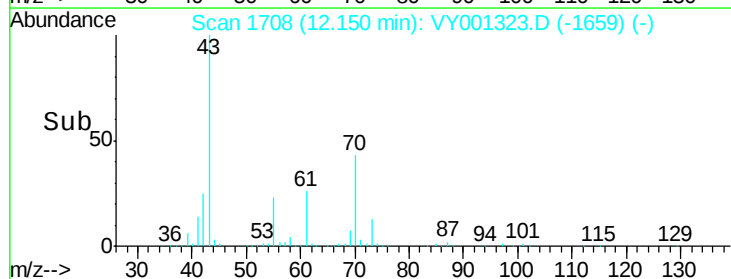
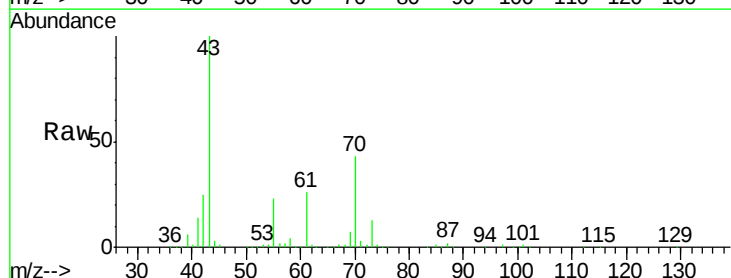
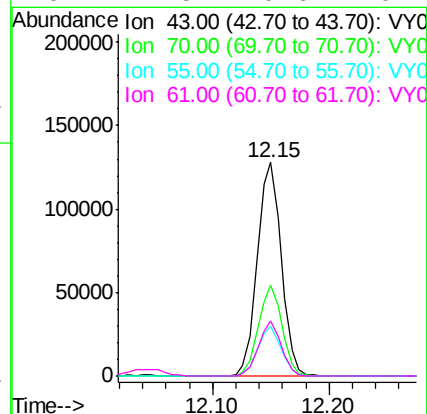
Ion Ratio Lower Upper

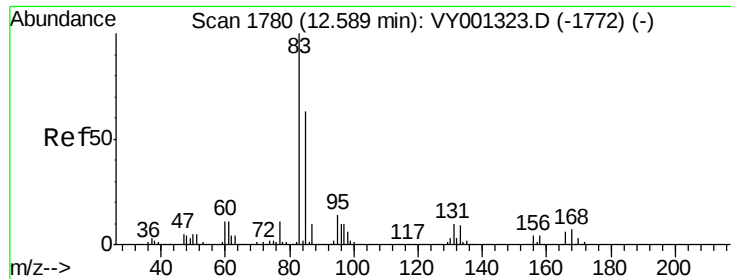
43 100

70 41.9 33.5 50.3

55 22.7 18.2 27.2

61 24.5 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.337 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Instrument :

MSVOA_Y

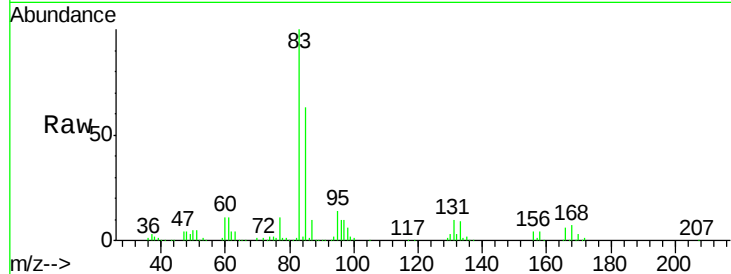
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	120696
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.6
85	62.9	31.4	94.3

Manual Integrations
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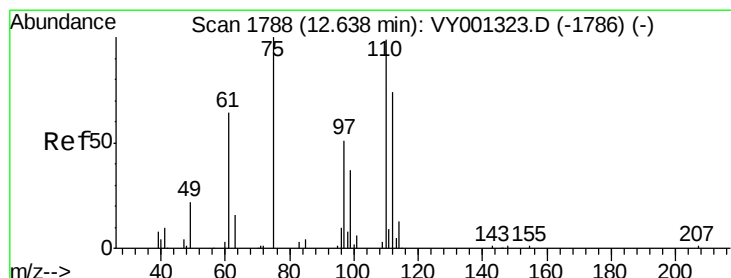
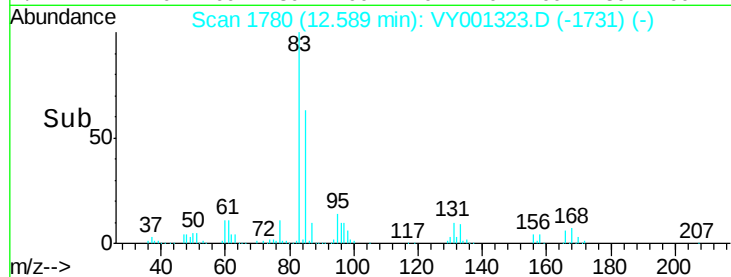
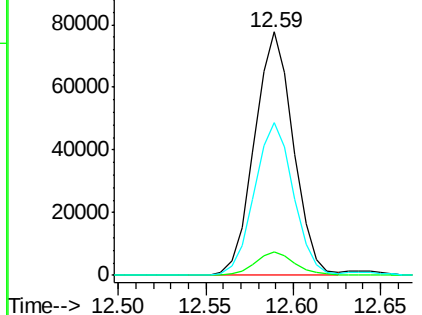
MMDadoda
1/22/2020 10:49:39 AM



Abundance Ion 82.90 (82.60 to 83.60): VY001323.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY001323.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY001323.D (-1772) (-)



#76

1,2,3-Trichloropropane

Concen: 53.848 ug/l m

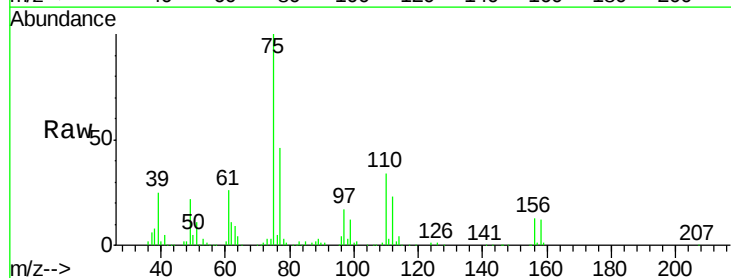
RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY001323.D

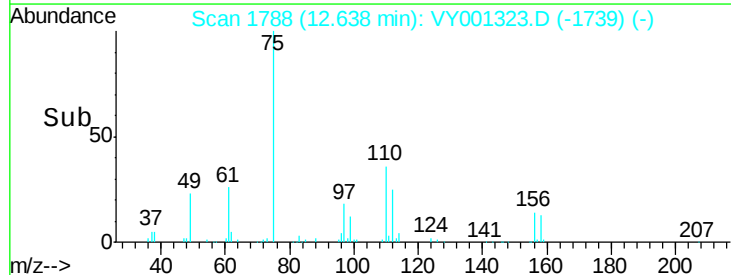
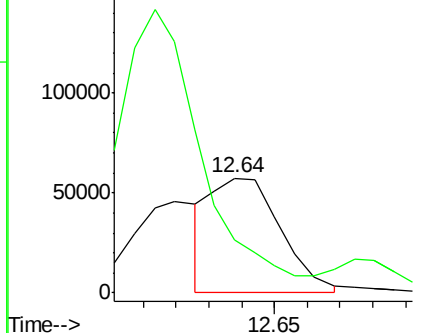
Acq: 21 Jan 2020 15:46

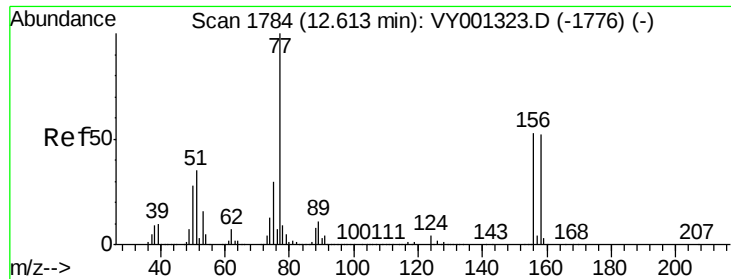
Tgt Ion:	75	Resp:	85584
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001323.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY001323.D (-1786) (-)





#77

Bromobenzene

Concen: 51.088 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Instrument :

MSVOA_Y

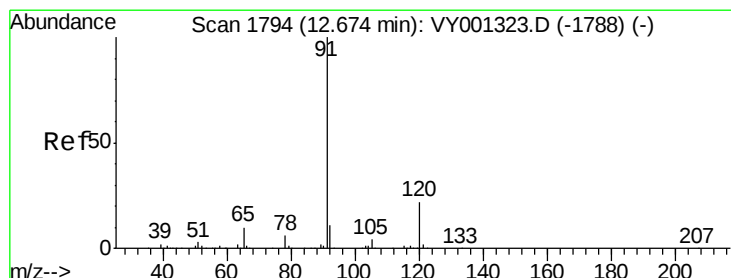
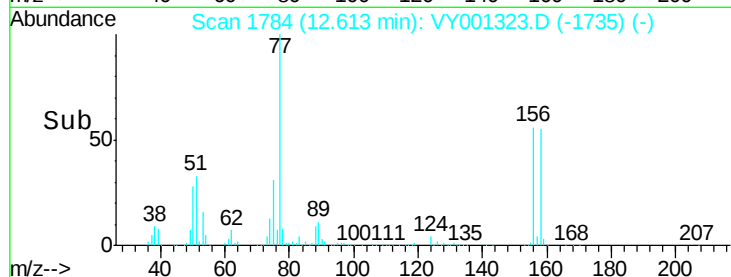
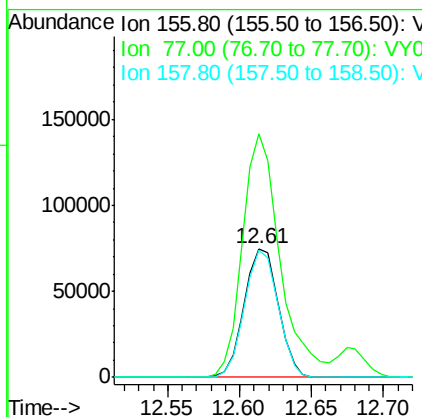
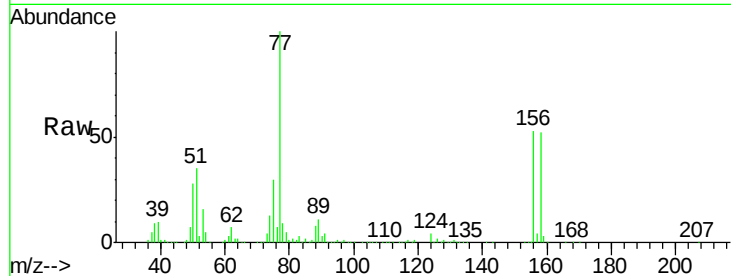
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	122812
Ion Ratio	Lower	Upper	
156	100		
77	209.3	104.7	313.9
158	97.2	48.6	145.8

Manual Integrations
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#78

n-propylbenzene

Concen: 51.509 ug/l

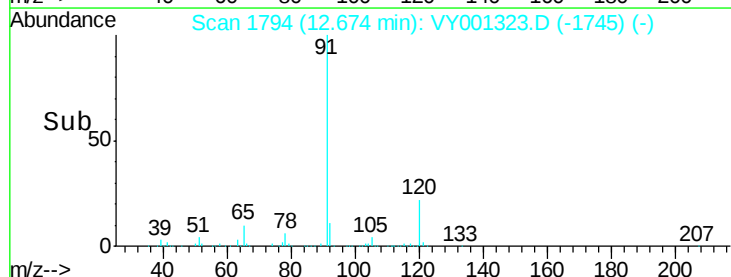
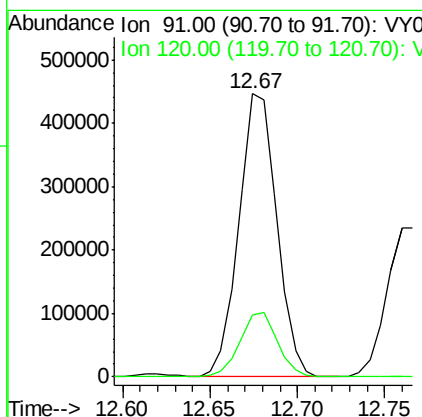
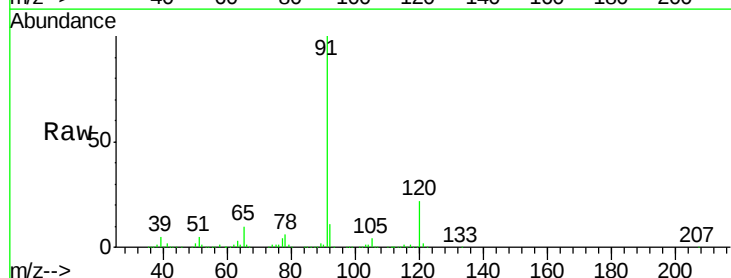
RT: 12.67 min Scan# 1794

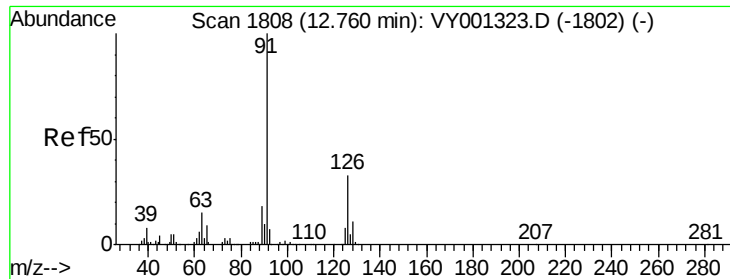
Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Tgt Ion:	91	Resp:	674306
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.8





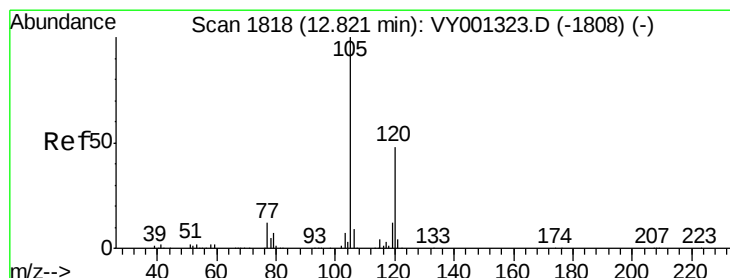
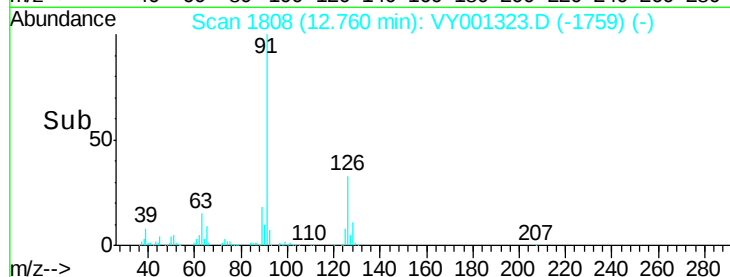
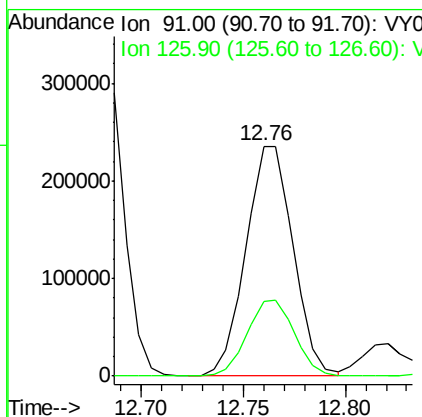
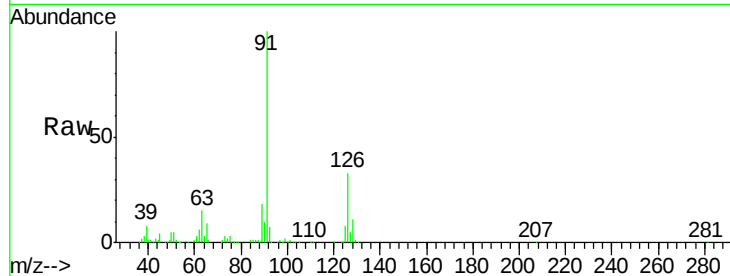
#79
 2-Chlorotoluene
 Concen: 50.698 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.7

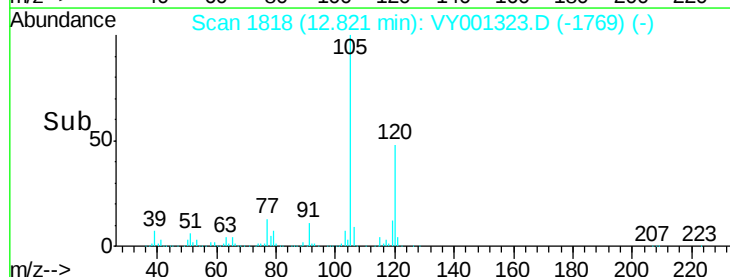
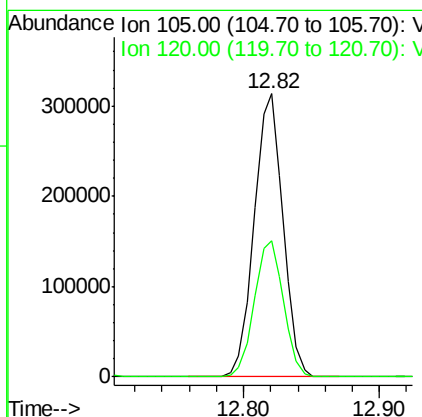
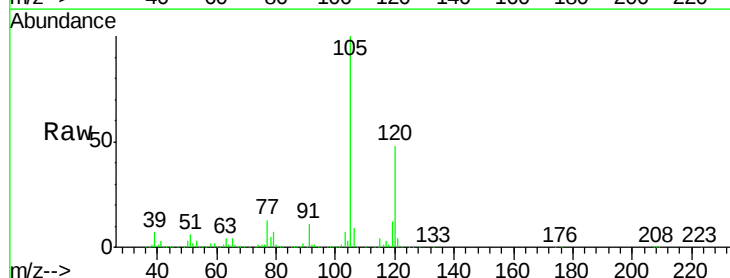
Manual Integrations
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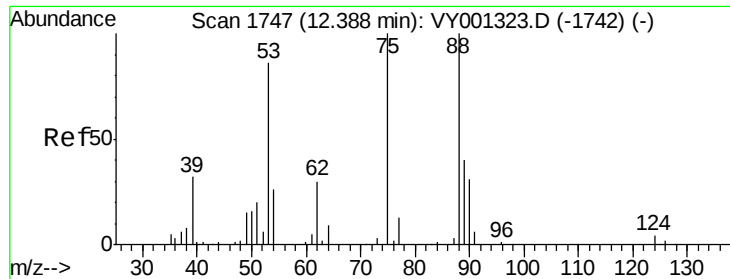
MMDadoda
 1/22/2020 10:49:39 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.458 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.3	72.9





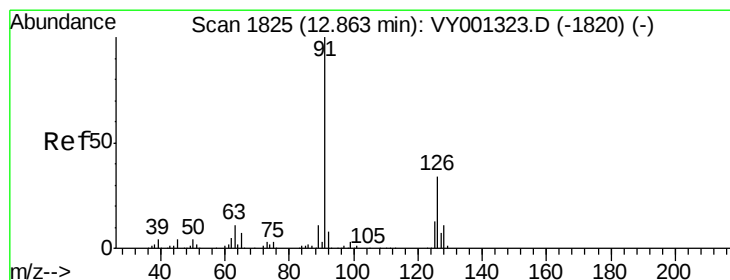
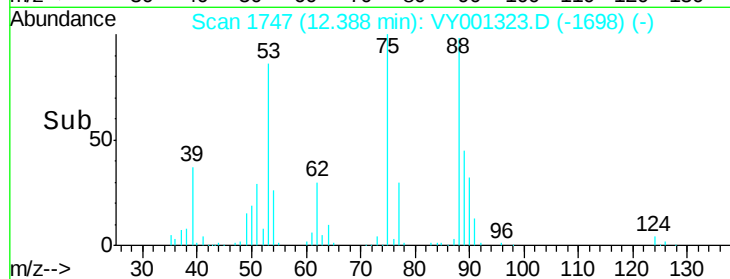
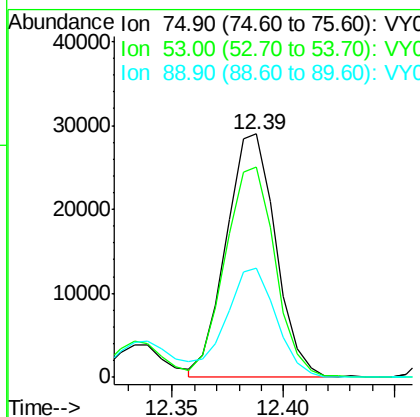
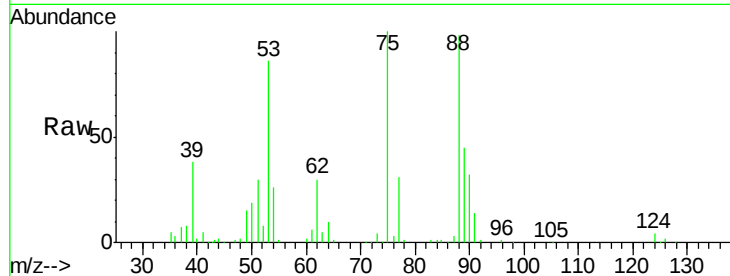
#81
trans-1,4-Dichloro-2-butene
Concen: 49.441 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.4	69.9	104.9
89	45.7	36.6	54.8

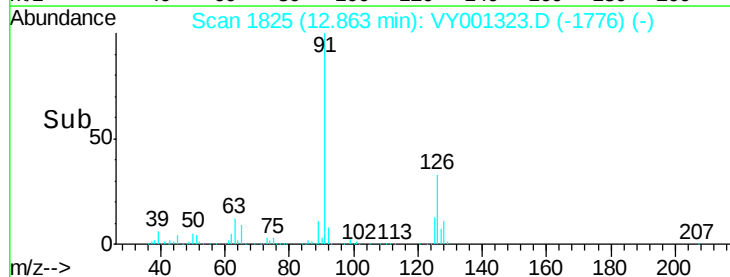
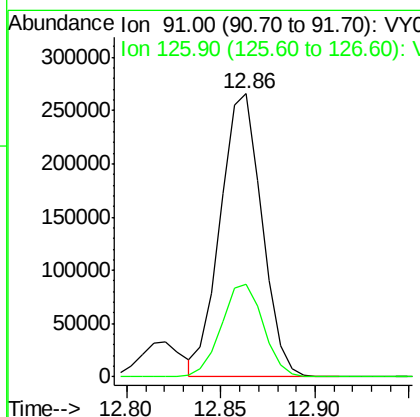
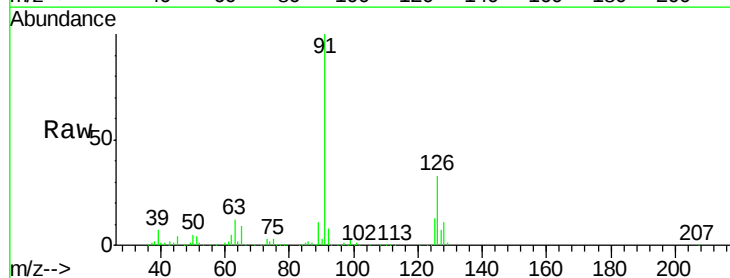
Manual Integrations
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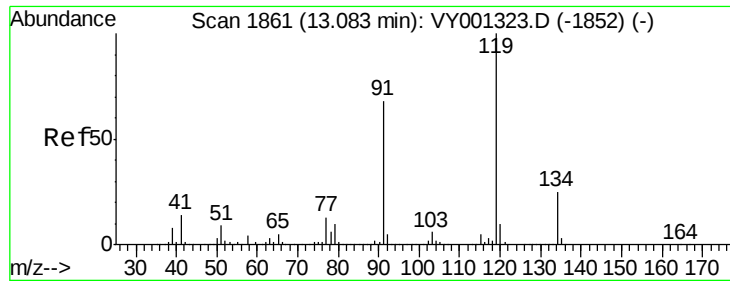
MMDadoda
1/22/2020 10:49:39 AM



#82
4-Chlorotoluene
Concen: 50.881 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.4





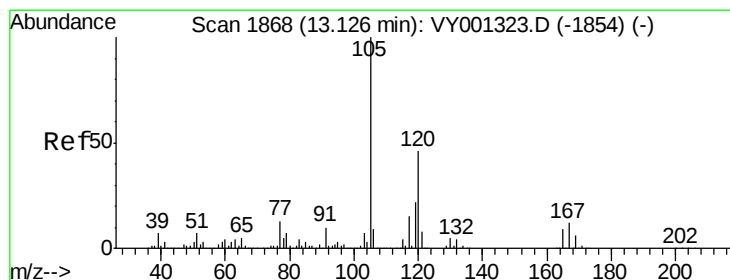
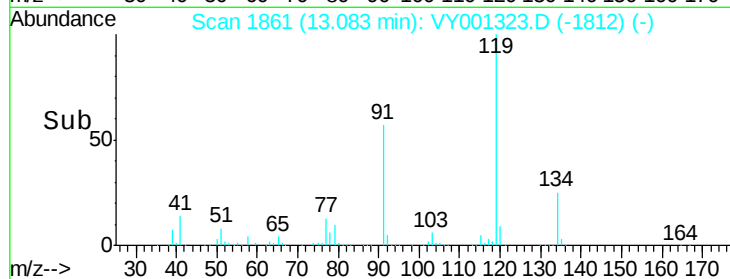
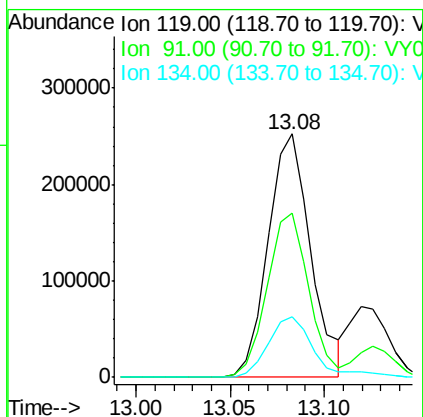
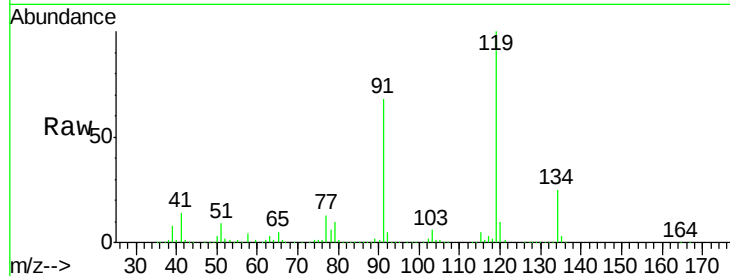
#83
tert-Butylbenzene
Concen: 51.833 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.0	33.0	99.0
134	26.6	13.3	39.9

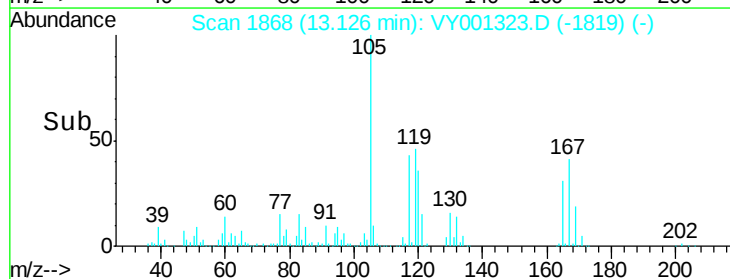
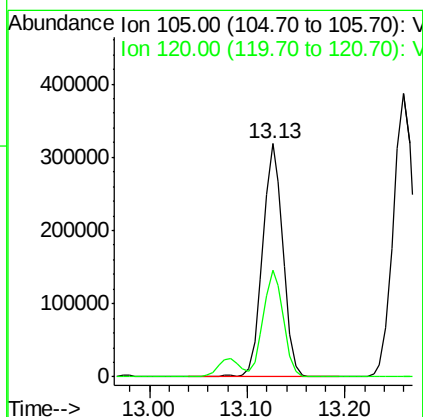
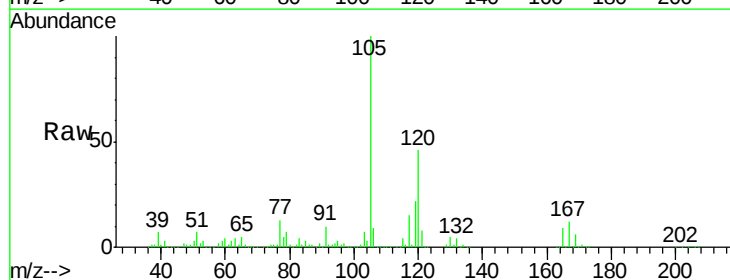
Manual Integrations
APPROVED

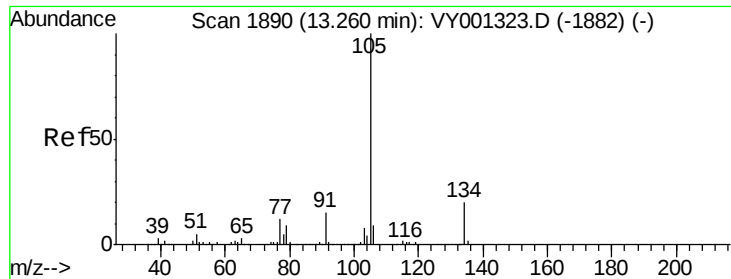
MMDadoda
1/22/2020 10:49:39 AM



#84
1,2,4-Trimethylbenzene
Concen: 51.360 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.3





#85

sec-Butylbenzene

Concen: 51.806 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 568948

Ion Ratio Lower Upper

105 100

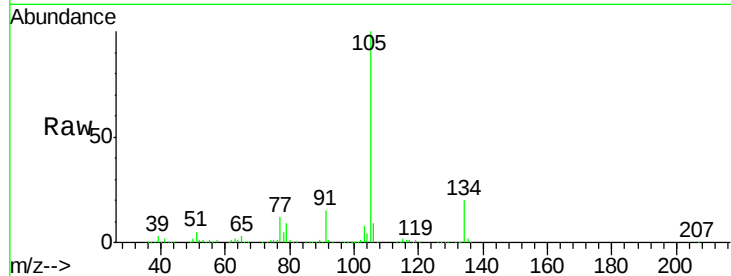
134 19.6 9.8 29.4

Manual Integrations

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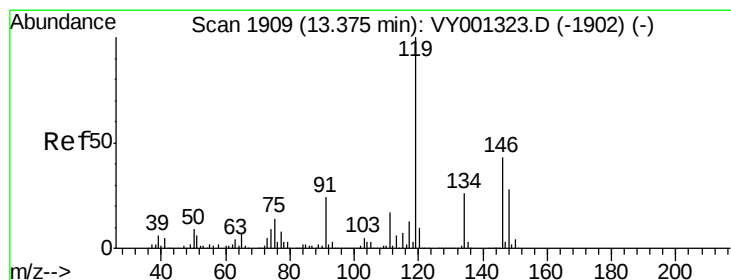
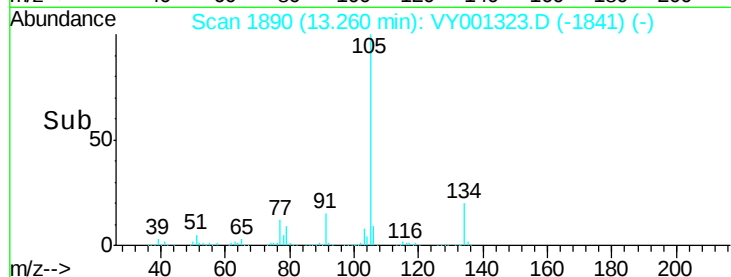
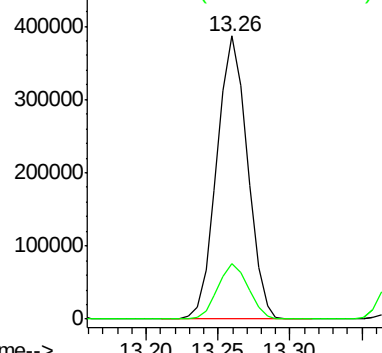
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.738 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001323.D

Acq: 21 Jan 2020 15:46

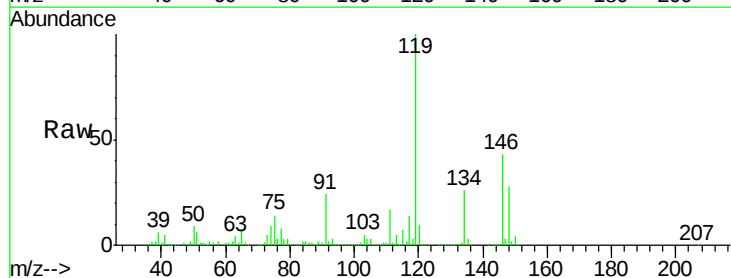
Tgt Ion:119 Resp: 492680

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

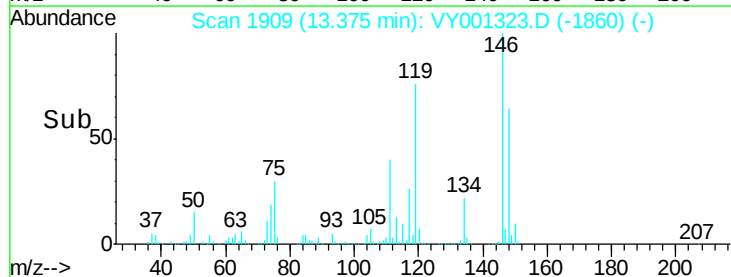
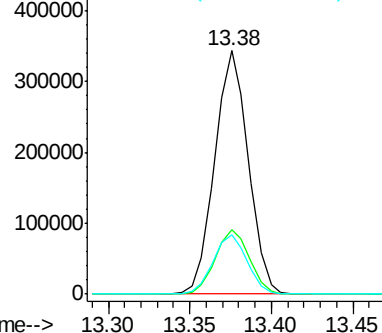
91 24.4 12.2 36.6

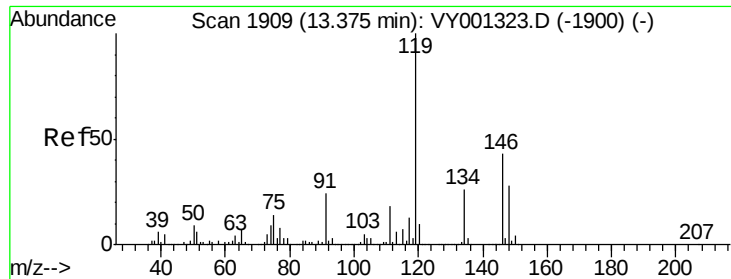


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





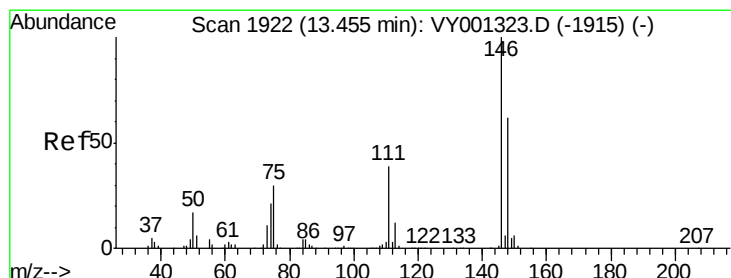
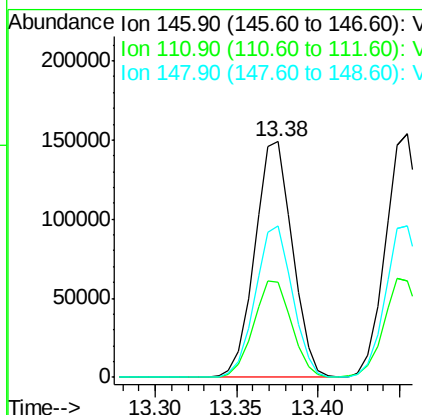
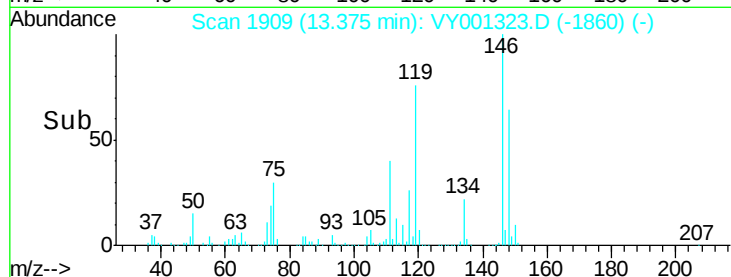
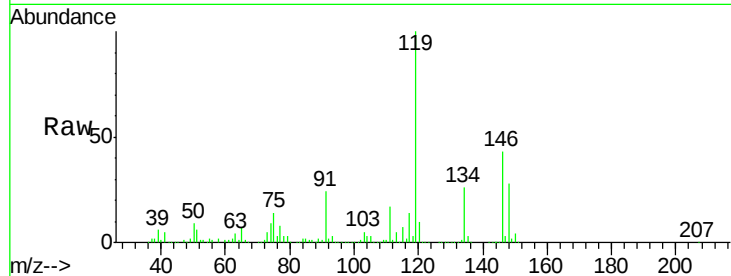
#87
 1,3-Dichlorobenzene
 Concen: 52.073 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	237696		
111	41.2	20.6	61.8	
148	63.3	31.6	95.0	

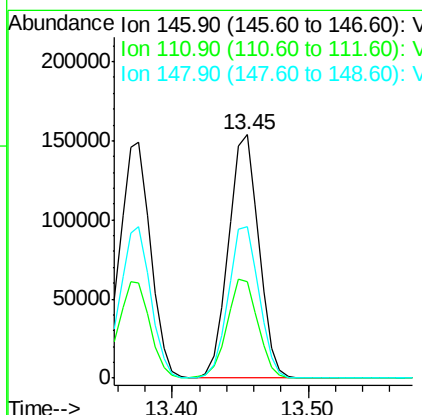
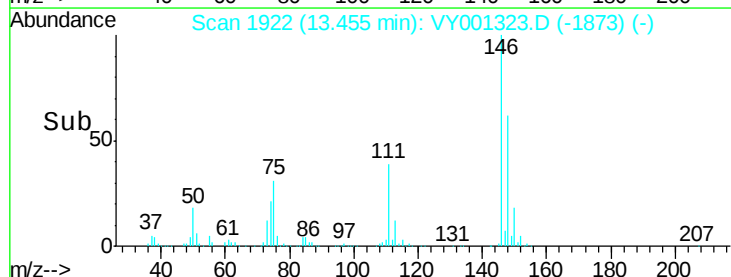
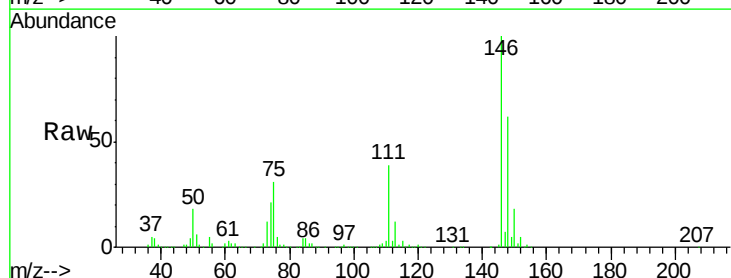
Manual Integrations
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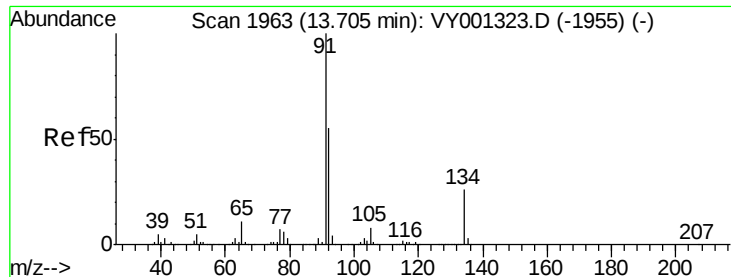
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#88
 1,4-Dichlorobenzene
 Concen: 50.880 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	238191		
111	41.0	20.5	61.5	
148	63.3	31.6	95.0	





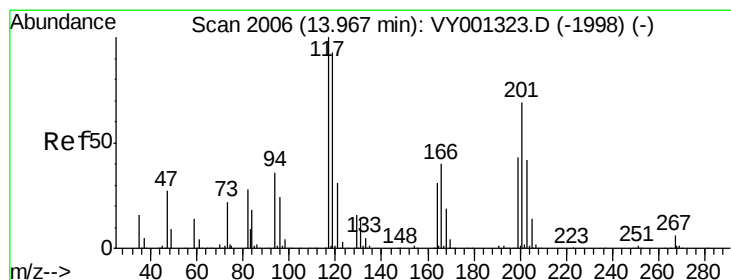
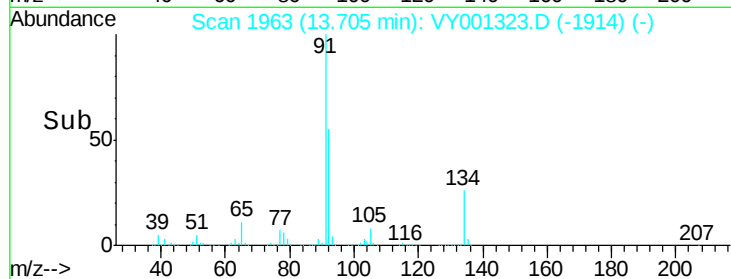
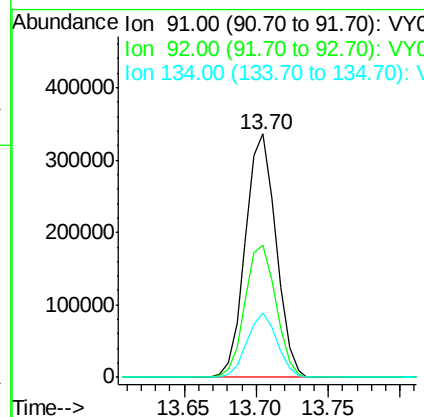
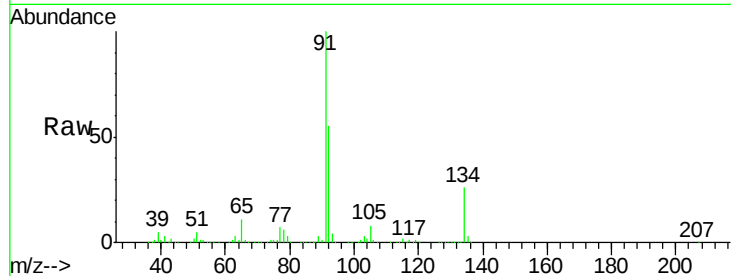
#89
n-Butylbenzene
Concen: 51.621 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.8
134	25.7	12.9	38.6

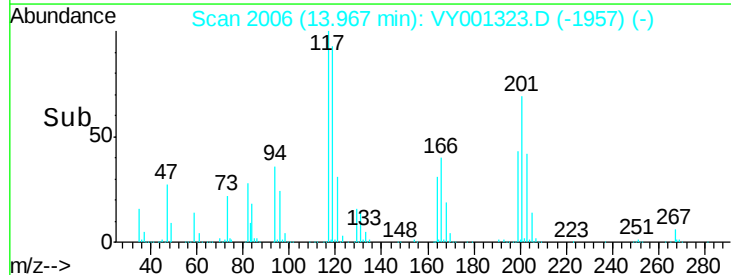
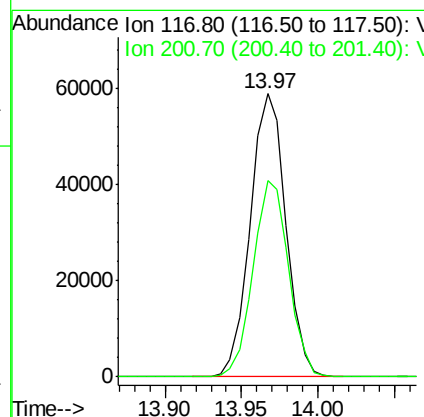
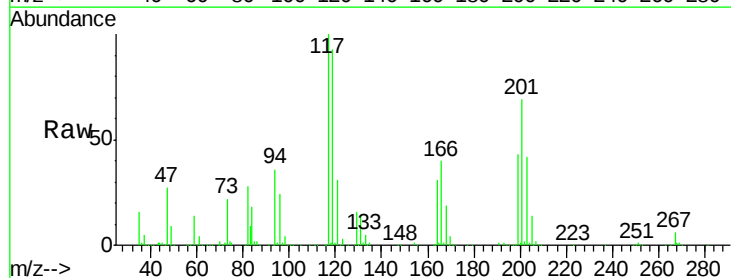
Manual Integrations
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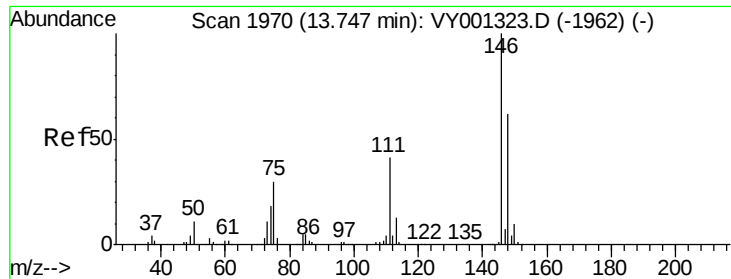
MMDadoda
1/22/2020 10:49:39 AM



#90
Hexachloroethane
Concen: 51.298 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.2	34.6	103.8





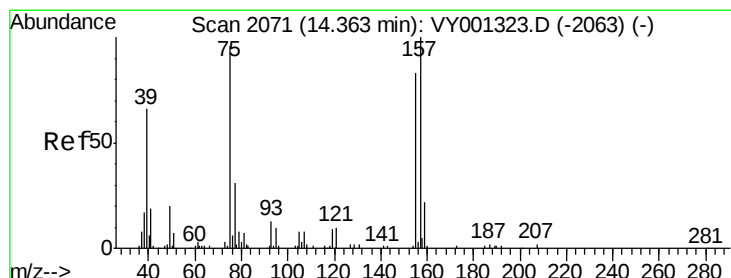
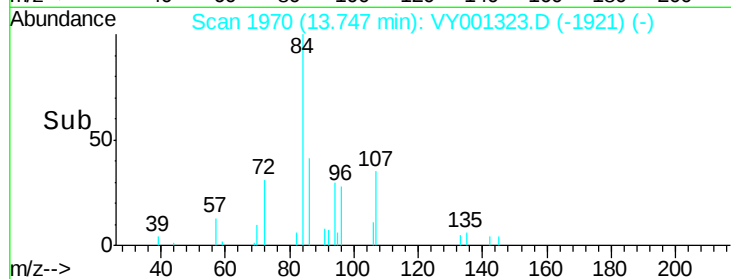
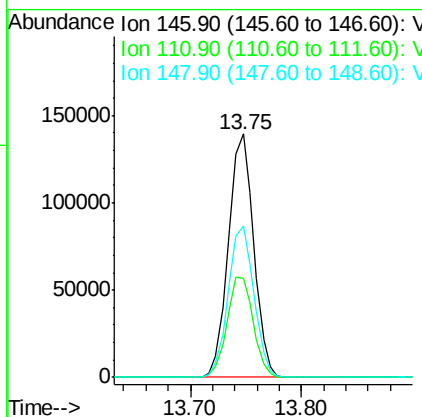
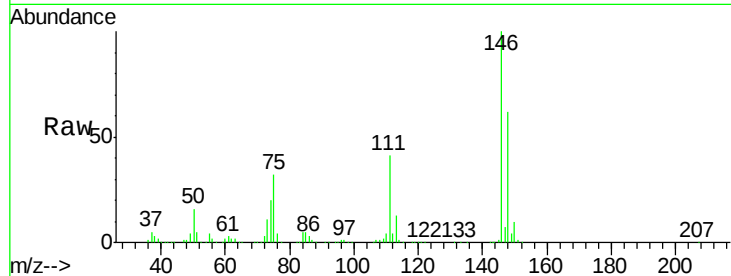
#91
 1,2-Dichlorobenzene
 Concen: 51.817 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	219526		
111	42.3		21.1	63.4
148	63.0		31.5	94.5

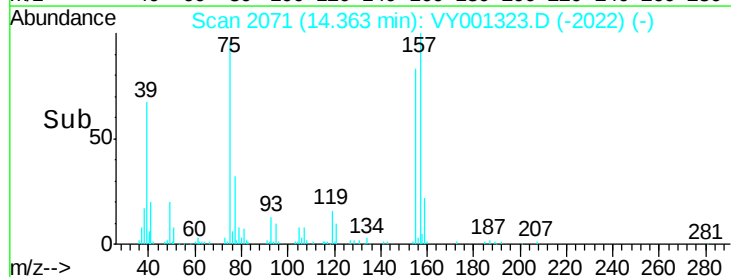
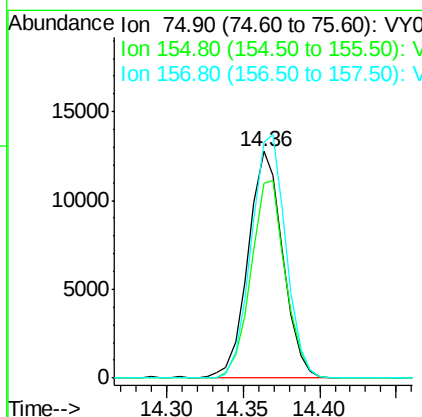
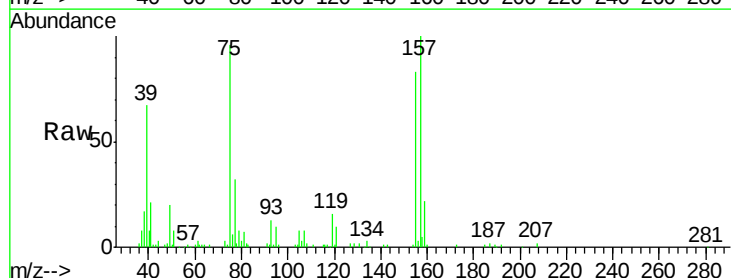
Manual Integrations
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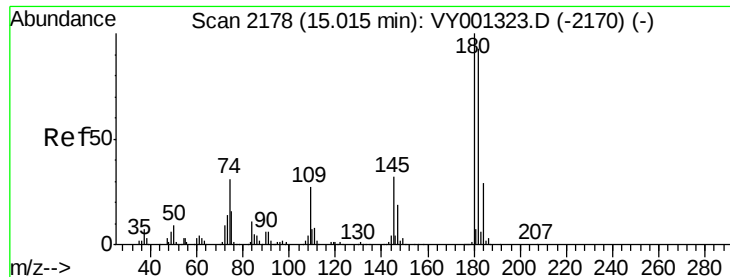
MMDadoda
 1/22/2020 10:49:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.066 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20138		
155	86.1		43.0	129.2
157	106.7		53.3	160.0





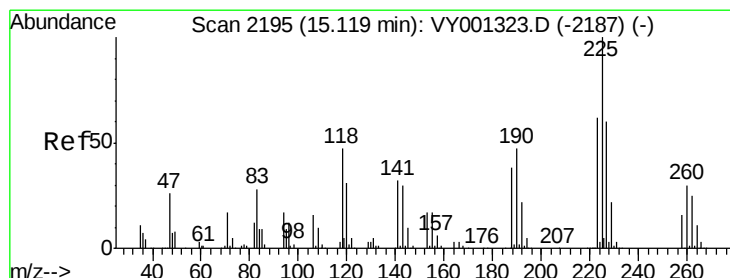
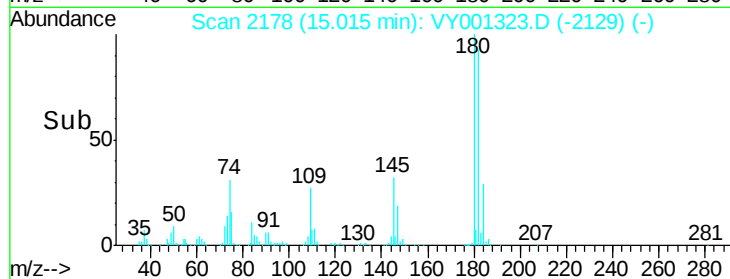
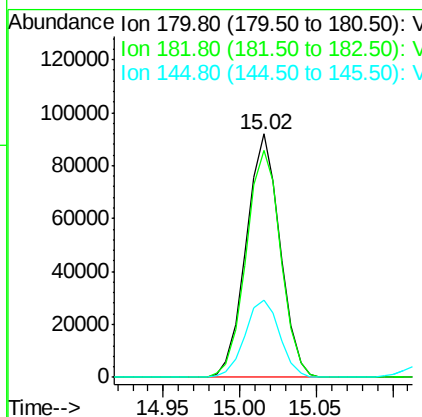
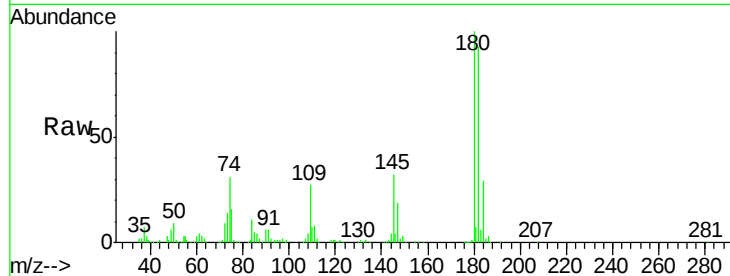
#93
 1,2,4-Trichlorobenzene
 Concen: 50.860 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	32.6	16.3	48.9

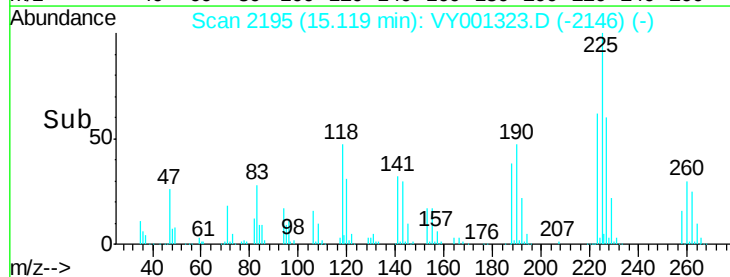
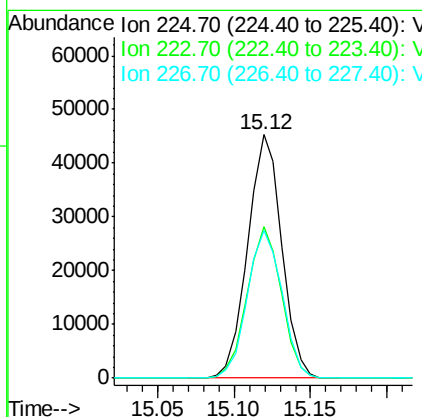
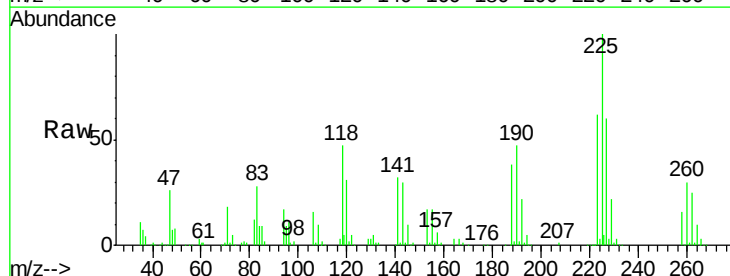
Manual Integrations
 APPROVED

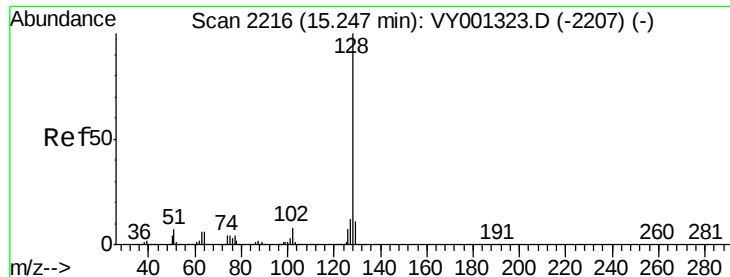
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#94
 Hexachlorobutadiene
 Concen: 50.248 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001323.D
 Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.2	93.6
227	62.0	31.0	93.0





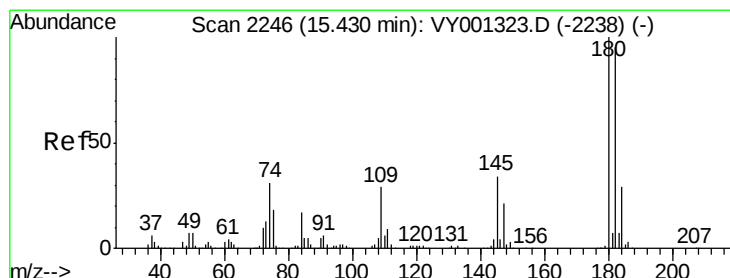
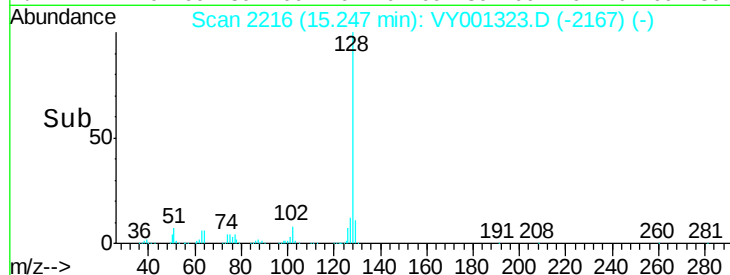
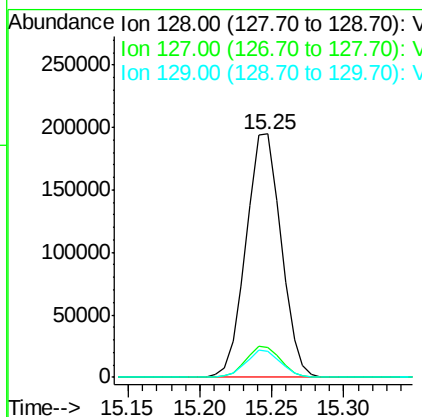
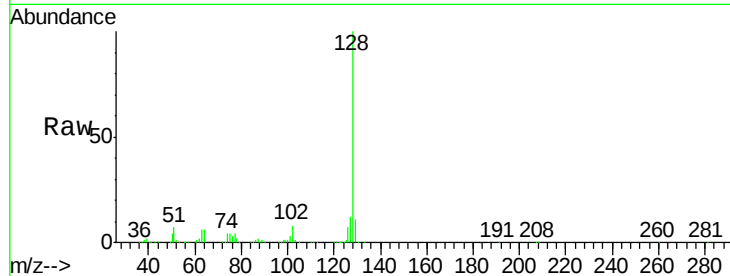
#95
Naphthalene
Concen: 50.743 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.994 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	33.5	16.8	50.3

