

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001346.D
 Acq On : 23 Jan 2020 12:23
 Operator : SY/MD
 Sample : VY0123SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:03:28 PM

Quant Time: Jan 24 07:27:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	209490	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	357100	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	317161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	150406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	111380	48.86	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	7.74	113	105894	50.53	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.19	98	434189	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
62) 4-Bromofluorobenzene	12.49	95	159030	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	36660	22.191	ug/l	97
3) Chloromethane	2.12	50	51147	20.484	ug/l	96
4) Vinyl Chloride	2.26	62	54338	20.871	ug/l	97
5) Bromomethane	2.65	94	36677	20.917	ug/l	97
6) Chloroethane	2.80	64	34248	20.586	ug/l	99
7) Trichlorofluoromethane	3.14	101	71076	21.337	ug/l	98
8) Diethyl Ether	3.55	74	26021	18.505	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	45046	21.234	ug/l	98
10) Methyl Iodide	4.11	142	51689	18.474	ug/l	99
11) Tert butyl alcohol	4.98	59	30983	96.182	ug/l #	86
12) 1,1-Dichloroethene	3.89	96	45322	20.376	ug/l	95
13) Acrolein	3.75	56	19325	106.908	ug/l	99
14) Allyl chloride	4.50	41	80654	20.334	ug/l	99
15) Acrylonitrile	5.19	53	65858	91.495	ug/l	99
16) Acetone	3.97	43	59499	94.364	ug/l	95
17) Carbon Disulfide	4.21	76	145267	20.766	ug/l	99
18) Methyl Acetate	4.50	43	34446	17.919	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	122166	18.758	ug/l	98
20) Methylene Chloride	4.74	84	56076	17.135	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	50912	19.705	ug/l	97
22) Diisopropyl ether	6.13	45	160198	19.019	ug/l	98
23) Vinyl Acetate	6.08	43	511983	93.629	ug/l	99
24) 1,1-Dichloroethane	6.04	63	87426	19.692	ug/l	99
25) 2-Butanone	7.00	43	94364	95.107	ug/l	100
26) 2,2-Dichloropropane	7.00	77	79413	20.081	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	56590	19.598	ug/l	98
28) Bromochloromethane	7.35	49	31984	17.469	ug/l	99
29) Tetrahydrofuran	7.36	42	58925	91.286	ug/l	98
30) Chloroform	7.52	83	85570	19.664	ug/l	97
31) Cyclohexane	7.80	56	91901	20.849	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	73728	20.066	ug/l	99
36) 1,1-Dichloropropene	7.93	75	70924	21.023	ug/l	99
37) Ethyl Acetate	7.09	43	38915	18.879	ug/l	99
38) Carbon Tetrachloride	7.91	117	64324	21.393	ug/l	100

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 1/24/2020 4:03:28 PM

Quant Time: Jan 24 07:27:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	93089	21.539	ug/l	96
40) Benzene	8.17	78	209582	20.718	ug/l	99
41) Methacrylonitrile	7.35	41	25120m	23.616	ug/l	
42) 1,2-Dichloroethane	8.25	62	55163	19.516	ug/l	100
43) Isopropyl Acetate	8.28	43	77812	19.414	ug/l	99
44) Trichloroethene	8.95	130	53210	20.498	ug/l	99
45) 1,2-Dichloropropane	9.23	63	52085	20.368	ug/l	95
46) Dibromomethane	9.31	93	27001	19.668	ug/l	99
47) Bromodichloromethane	9.51	83	66313	20.206	ug/l	99
48) Methyl methacrylate	9.30	41	33716	18.504	ug/l	98
49) 1,4-Dioxane	9.31	88	7994	412.916	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	196243	95.075	ug/l	100
52) Toluene	10.25	92	130886	20.411	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	71437	19.639	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	84259	20.181	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	39423	19.456	ug/l	98
56) Ethyl methacrylate	10.52	69	58347	19.051	ug/l	98
57) 1,3-Dichloropropane	10.80	76	69635	19.728	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	103922	98.061	ug/l	100
59) 2-Hexanone	10.84	43	140969	98.103	ug/l	100
60) Dibromochloromethane	10.99	129	44583	19.672	ug/l	99
61) 1,2-Dibromoethane	11.10	107	37865	19.767	ug/l	99
64) Tetrachloroethene	10.72	164	41887	20.676	ug/l	99
65) Chlorobenzene	11.52	112	134513	20.121	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	46170	20.237	ug/l	99
67) Ethyl Benzene	11.60	91	252775	20.517	ug/l	99
68) m/p-Xylenes	11.71	106	190735	41.451	ug/l	99
69) o-Xylene	12.03	106	90356	20.412	ug/l	98
70) Styrene	12.05	104	156530	20.154	ug/l	100
71) Bromoform	12.22	173	25964	19.065	ug/l #	99
73) Isopropylbenzene	12.34	105	245406	20.677	ug/l	100
74) N-amyl acetate	12.15	43	75151	19.344	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	49024	19.287	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	29143m	16.080	ug/l	
77) Bromobenzene	12.62	156	51934	19.756	ug/l	98
78) n-propylbenzene	12.68	91	298074	20.866	ug/l	100
79) 2-Chlorotoluene	12.77	91	164021	20.099	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	204122	20.604	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	18194	18.997	ug/l	98
82) 4-Chlorotoluene	12.86	91	175426	20.124	ug/l	100
83) tert-Butylbenzene	13.08	119	172346	20.639	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	204050	20.516	ug/l	100
85) sec-Butylbenzene	13.26	105	252318	21.267	ug/l	99
86) p-Isopropyltoluene	13.38	119	222681	21.298	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	104032	20.549	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	104302	20.291	ug/l	99
89) n-Butylbenzene	13.70	91	224736	21.358	ug/l	99
90) Hexachloroethane	13.97	117	41385	20.882	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	94696	20.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8416	19.188	ug/l	96

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Manual Integrations
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Quant Time: Jan 24 07:27:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	63530	20.274	ug/l	100
94) Hexachlorobutadiene	15.12	225	32711	21.438	ug/l	99
95) Naphthalene	15.24	128	139424	19.458	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	55787	20.295	ug/l	100

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

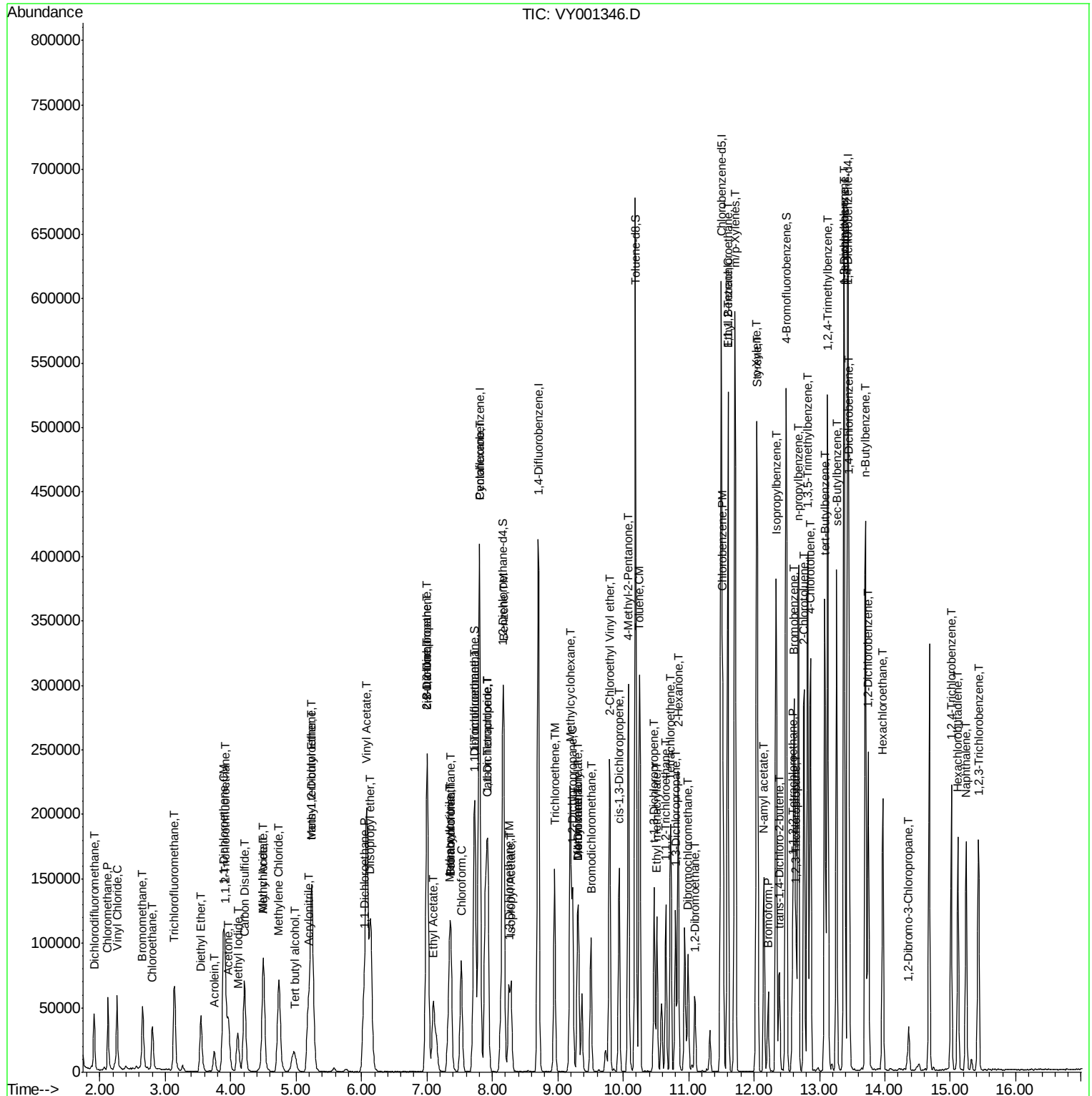
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Data File : VY001346.D
Acq On : 23 Jan 2020 12:23
Operator : SY/MD
Sample : VY0123SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

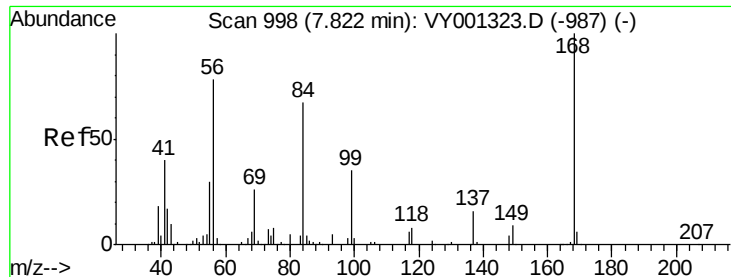
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Manual Integrations
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Quant Time: Jan 24 07:27:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion:168 Resp: 209490

Ion Ratio Lower Upper

168 100

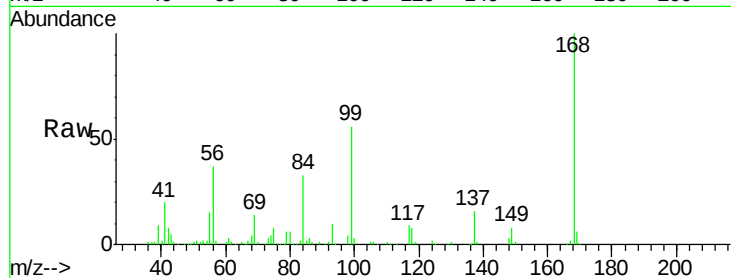
99 55.7 44.3 66.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

100000

80000

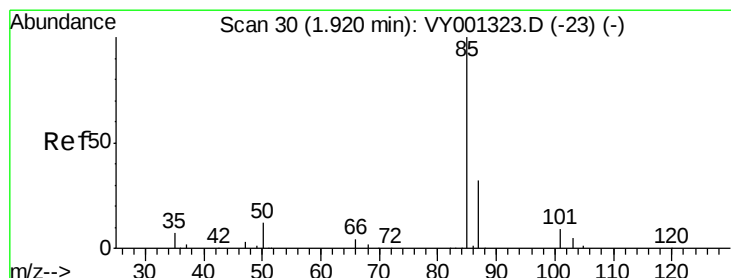
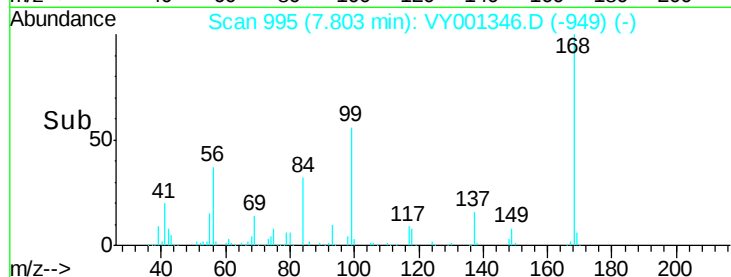
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.191 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001346.D

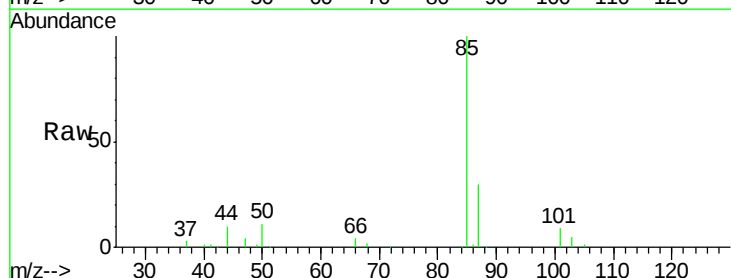
Acq: 23 Jan 2020 12:23

Tgt Ion: 85 Resp: 36660

Ion Ratio Lower Upper

85 100

87 30.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

25000

20000

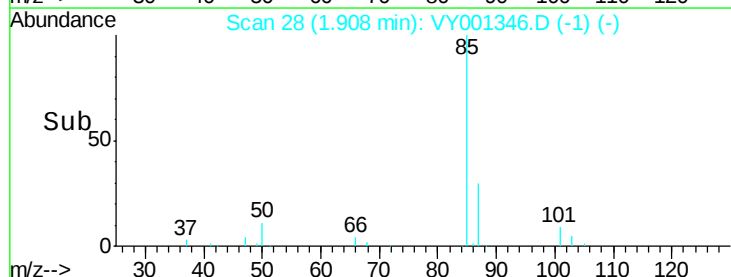
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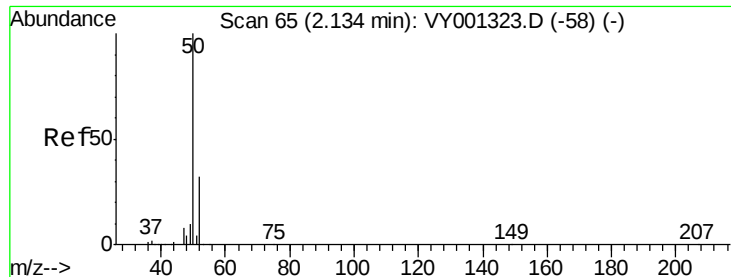
10000

5000

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Time-->





#3

Chloromethane

Concen: 20.484 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion: 50 Resp: 51147

Ion Ratio Lower Upper

50 100

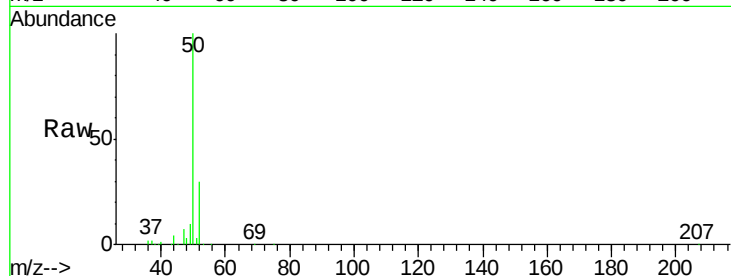
52 30.1 25.7 38.5

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

40000

30000

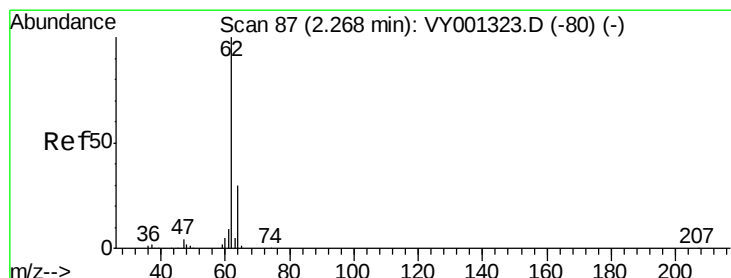
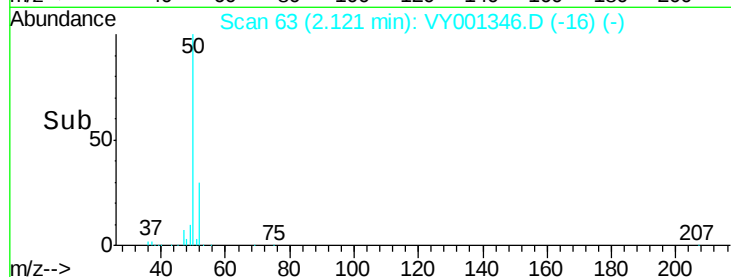
20000

10000

0

Time-->

2.05 2.10 2.15 2.20



#4

Vinyl Chloride

Concen: 20.871 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001346.D

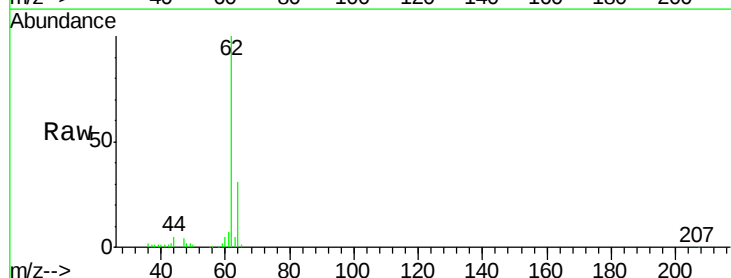
Acq: 23 Jan 2020 12:23

Tgt Ion: 62 Resp: 54338

Ion Ratio Lower Upper

62 100

64 31.5 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

40000

30000

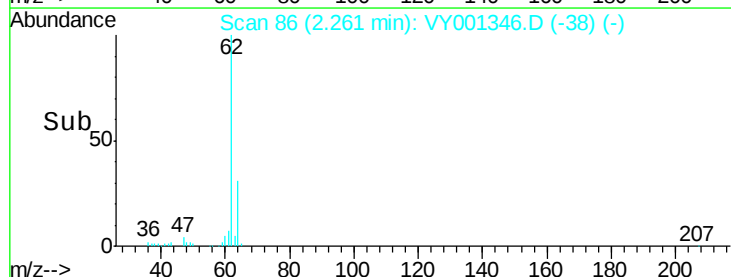
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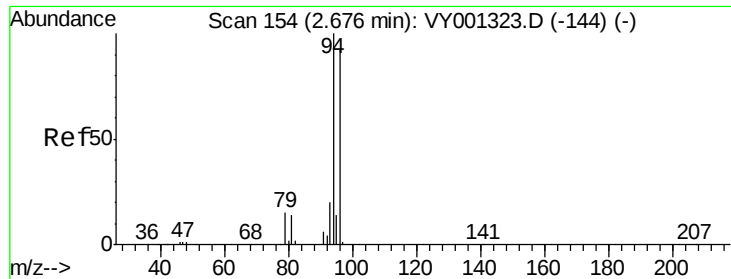
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Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 20.917 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.02 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion: 94 Resp: 36677

Ion Ratio Lower Upper

94 100

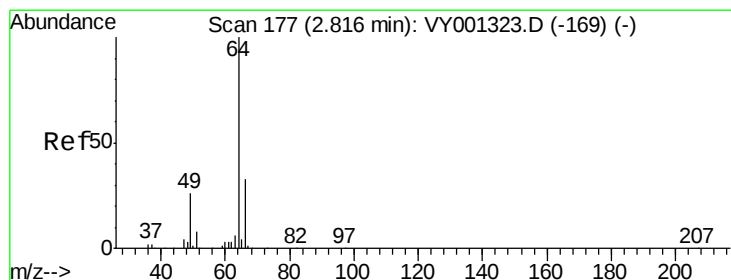
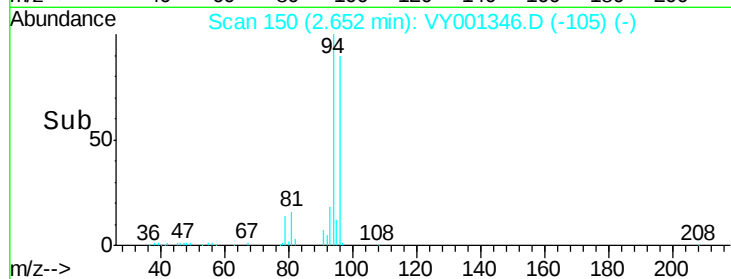
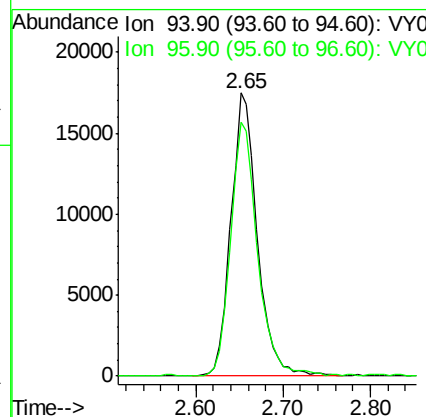
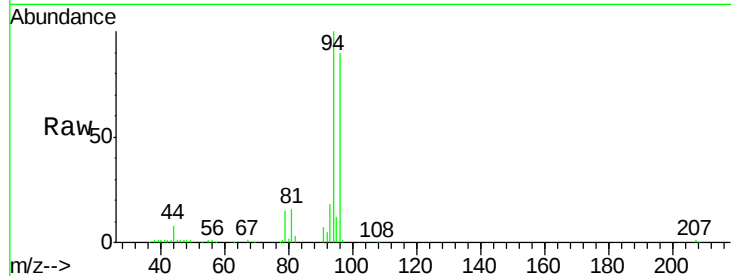
96 89.9 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 20.586 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001346.D

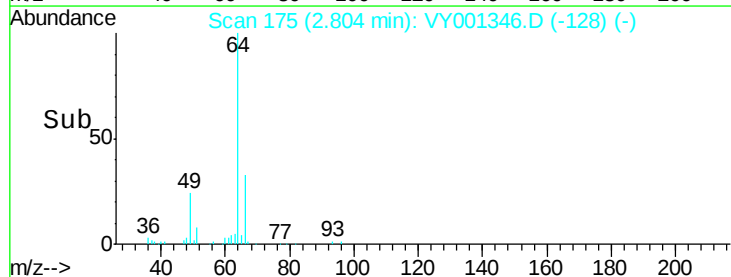
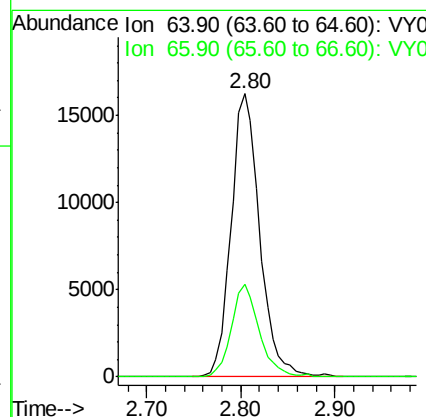
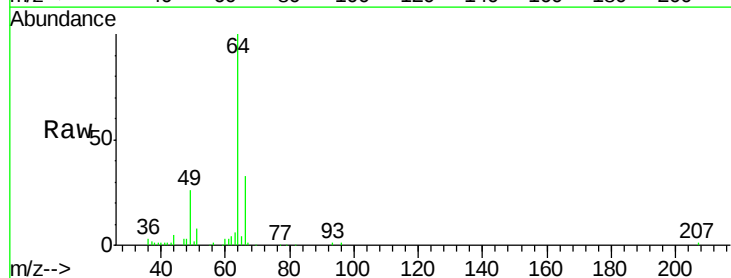
Acq: 23 Jan 2020 12:23

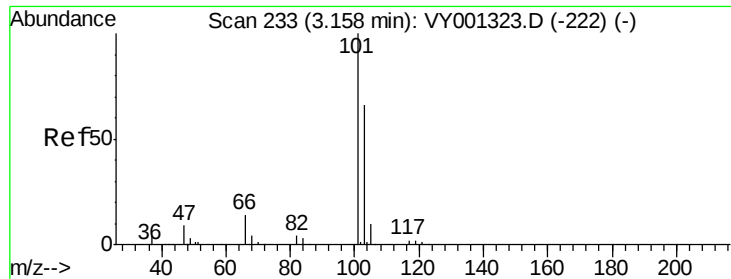
Tgt Ion: 64 Resp: 34248

Ion Ratio Lower Upper

64 100

66 32.7 26.8 40.2





#7

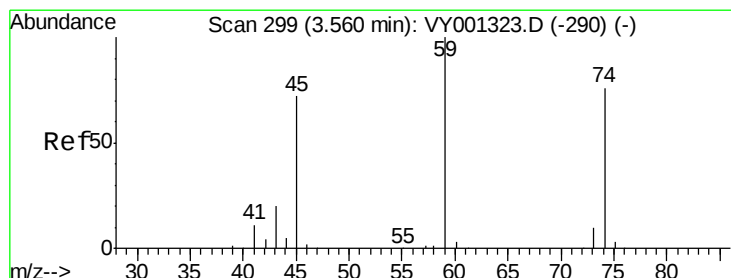
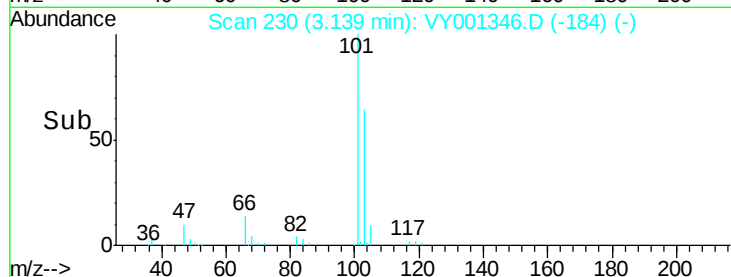
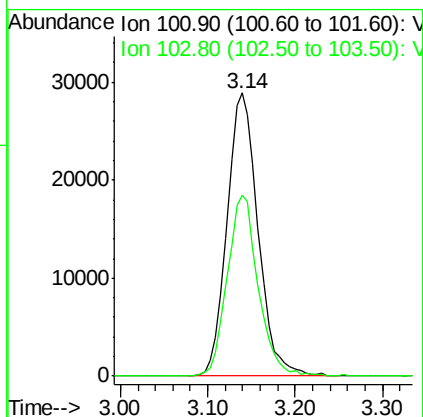
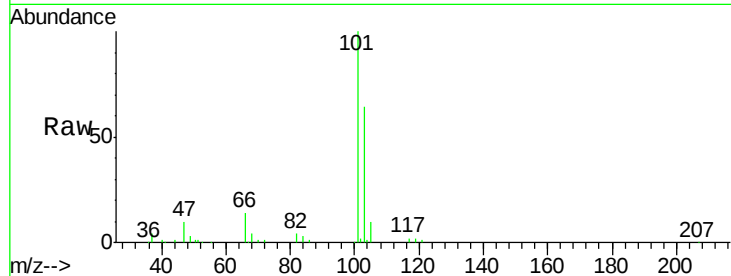
Trichlorofluoromethane
 Concen: 21.337 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.02 min
 Lab File: VY001346.D
 Acq: 23 Jan 2020 12:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.5	78.7

Manual Integrations
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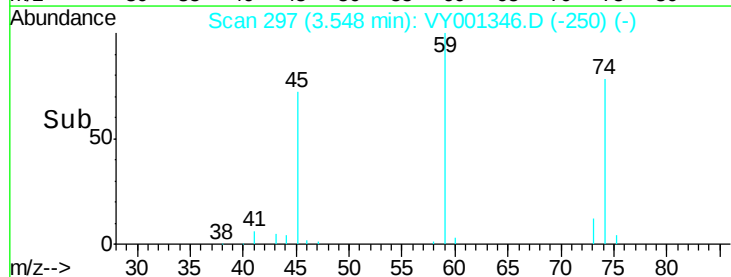
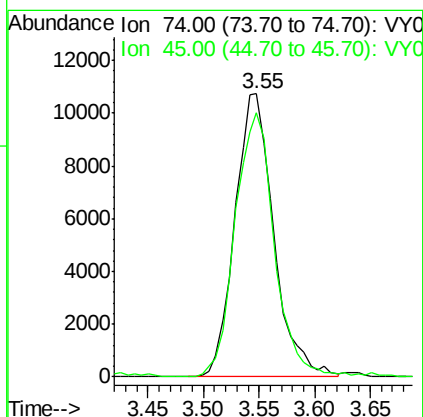
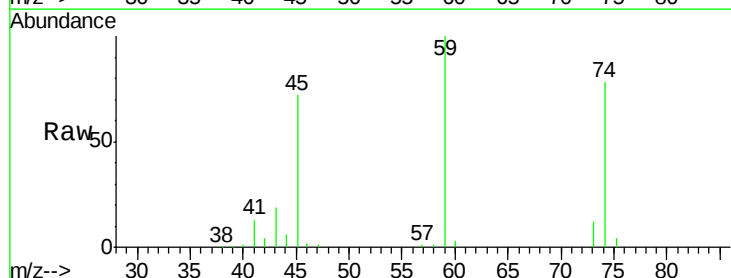
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 1/24/2020 4:03:28 PM



#8

Diethyl Ether
 Concen: 18.505 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001346.D
 Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.234 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

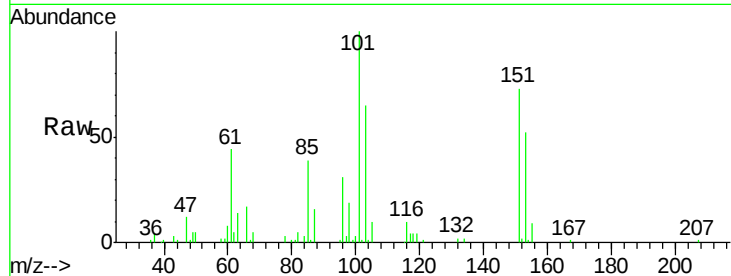
ClientSampleId :

VY0123SBS01

Tot Ion:	101	Resp:	45046
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.9	52.3
151	77.4	59.9	89.9

Manual Integrations
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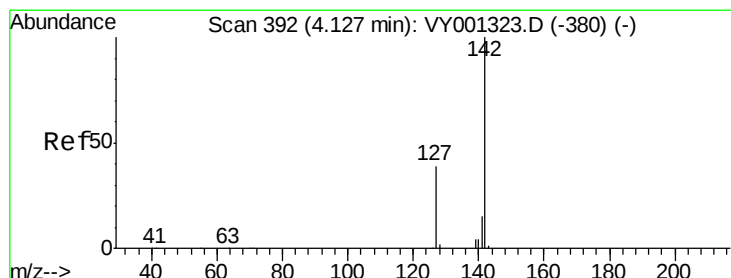
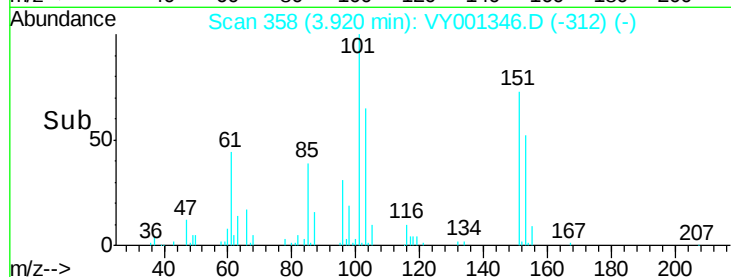
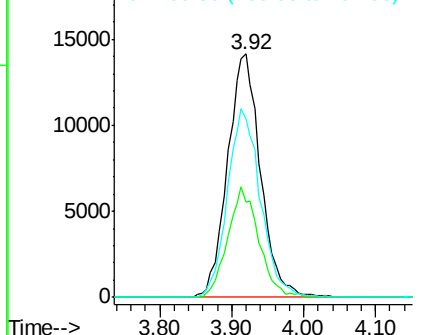
MMDadoda
1/24/2020 4:03:28 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.474 ug/l

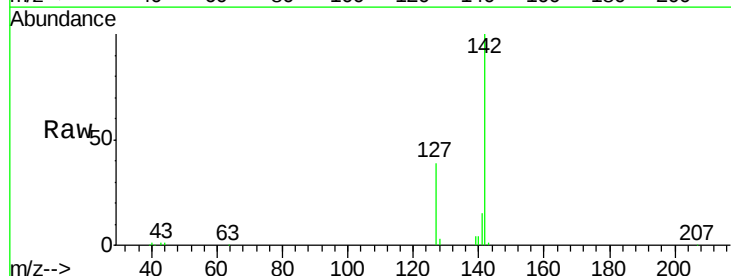
RT: 4.11 min Scan# 389

Delta R.T. -0.02 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

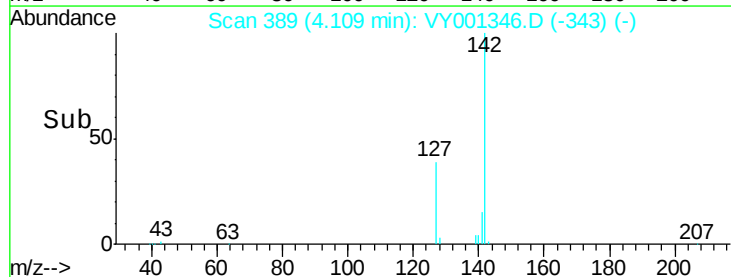
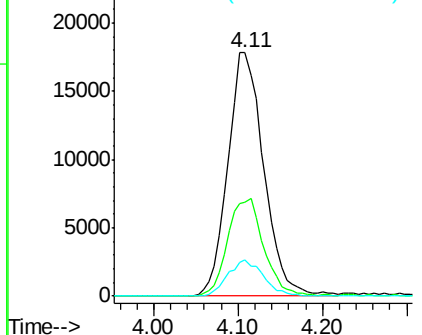
Tgt Ion:	142	Resp:	51689
Ion Ratio	Lower	Upper	
142	100		
127	40.0	31.6	47.4
141	14.7	11.2	16.8

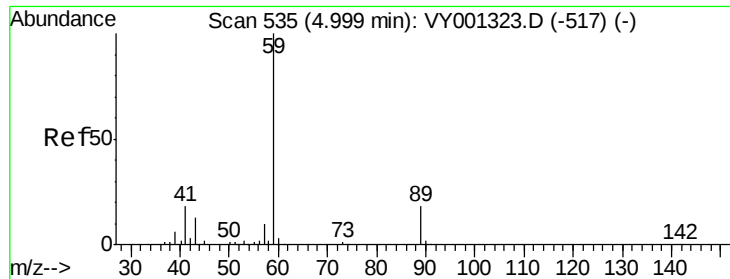


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





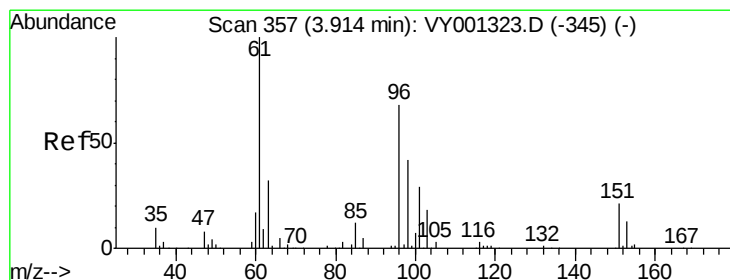
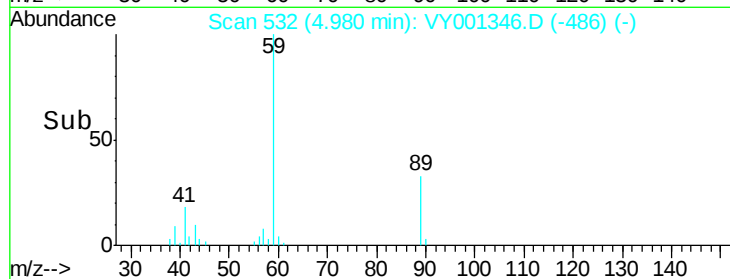
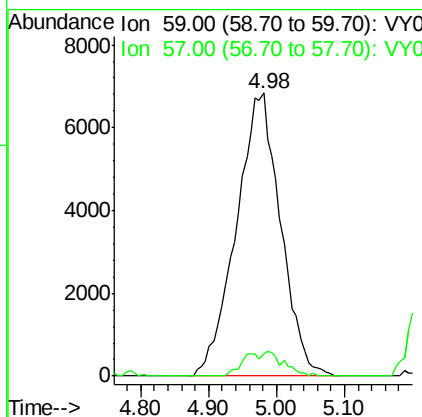
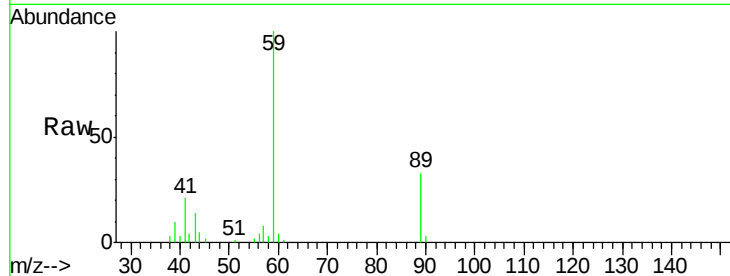
#11
Tert butyl alcohol
Concen: 96.182 ug/l
RT: 4.98 min Scan# 532
Delta R.T. -0.02 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.3	7.4	11.2#

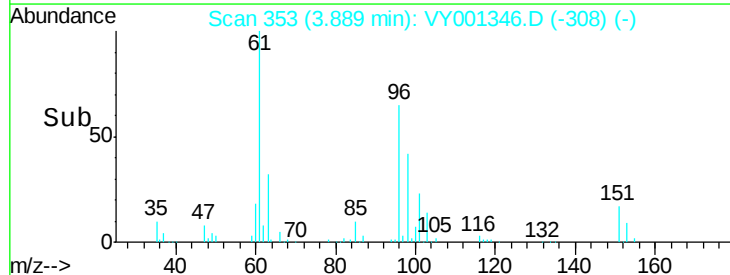
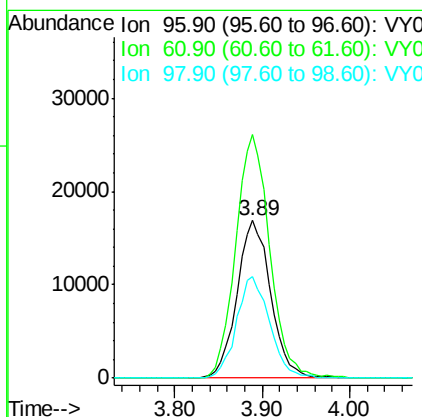
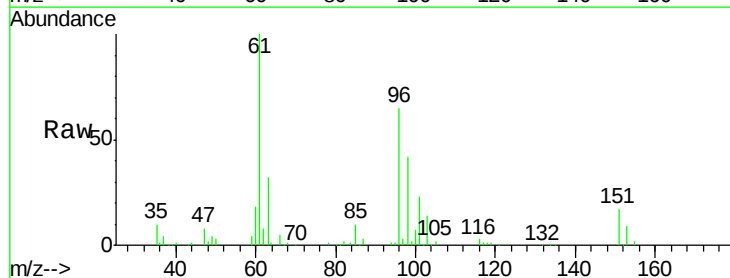
Manual Integrations
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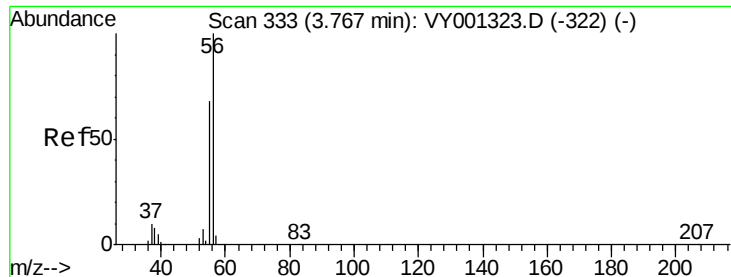
MMDadoda
1/24/2020 4:03:28 PM



#12
1,1-Dichloroethene
Concen: 20.376 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.02 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.5	118.0	177.0
98	64.7	49.4	74.2





#13

Acrolein

Concen: 106.908 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.02 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion: 56 Resp: 19325

Ion Ratio Lower Upper

56 100

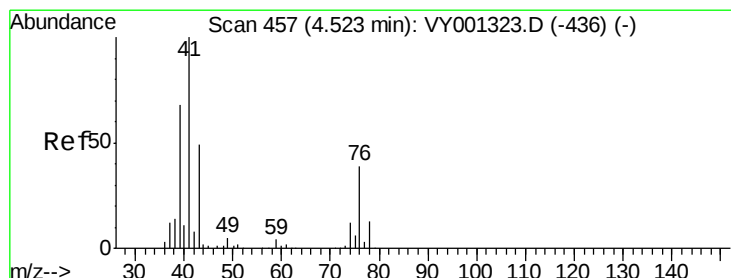
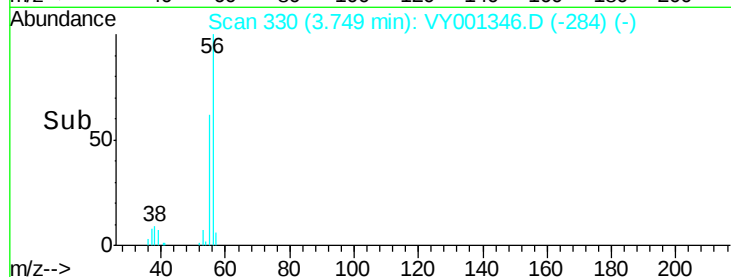
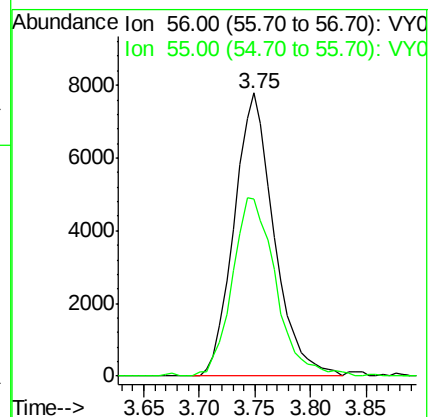
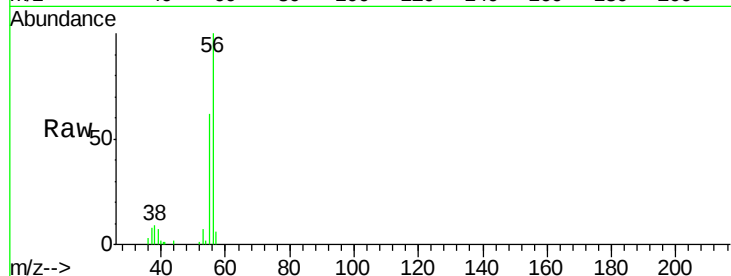
55 68.8 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 20.334 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.02 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

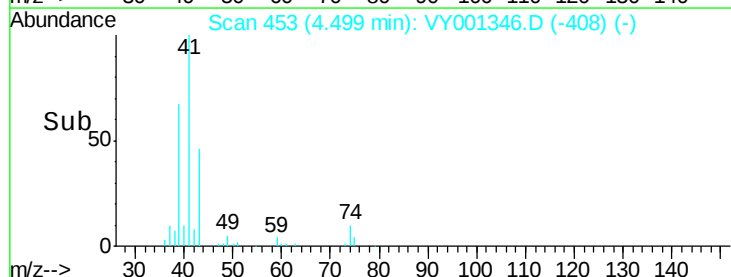
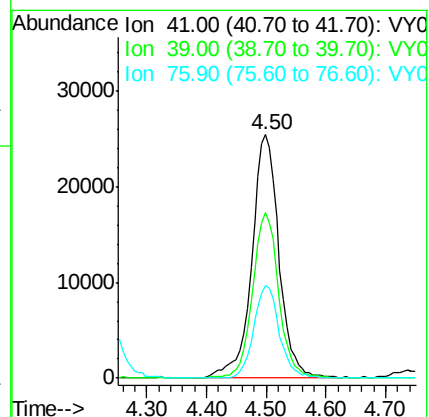
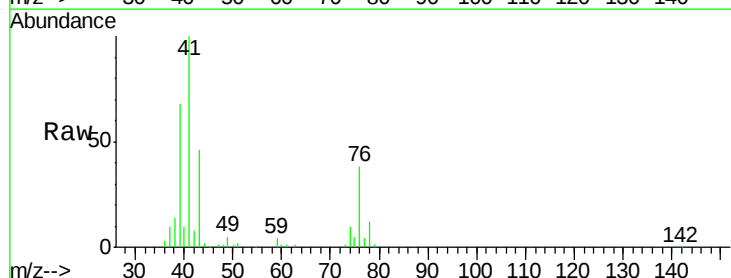
Tgt Ion: 41 Resp: 80654

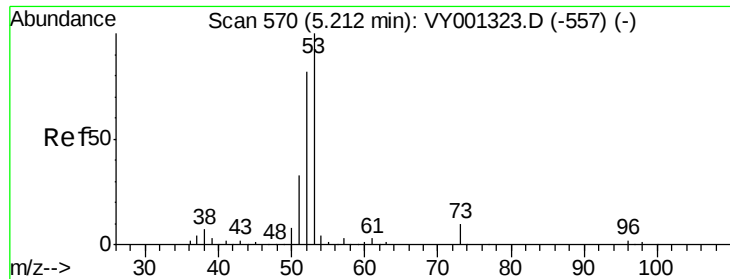
Ion Ratio Lower Upper

41 100

39 65.6 52.2 78.4

76 35.7 29.1 43.7





#15

Acrylonitrile

Concen: 91.495 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.02 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

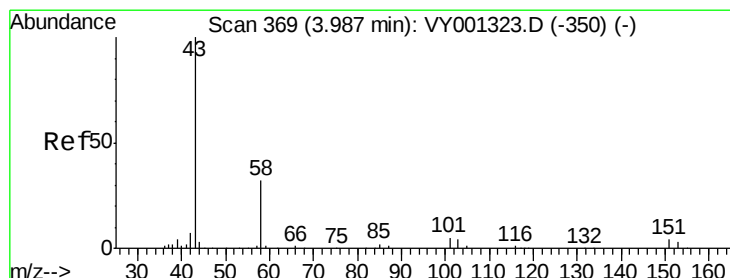
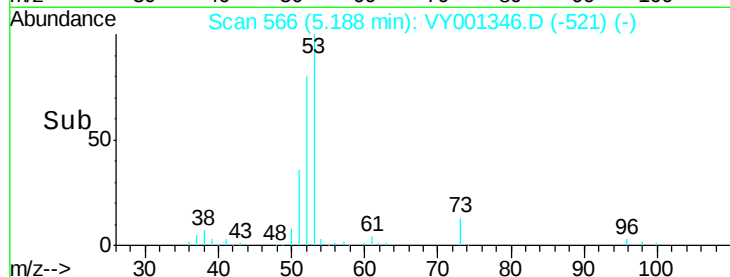
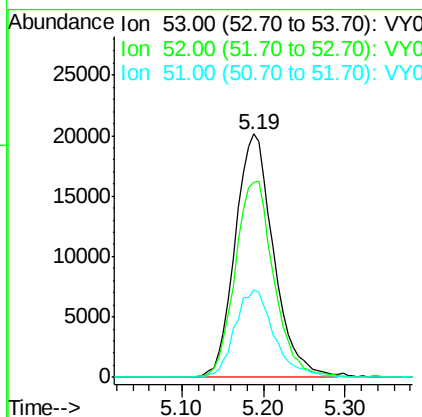
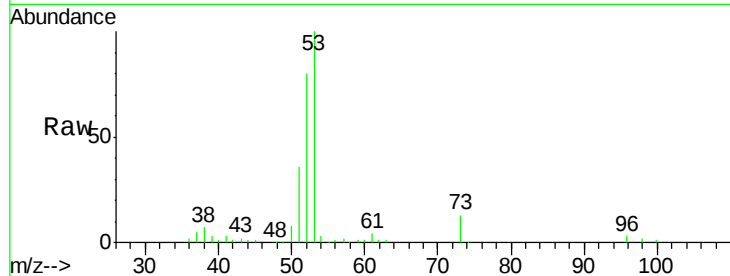
ClientSampleId :

VY0123SBS01

Tot Ion:	53	Resp:	65858
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.3	97.9
51	36.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 94.364 ug/l

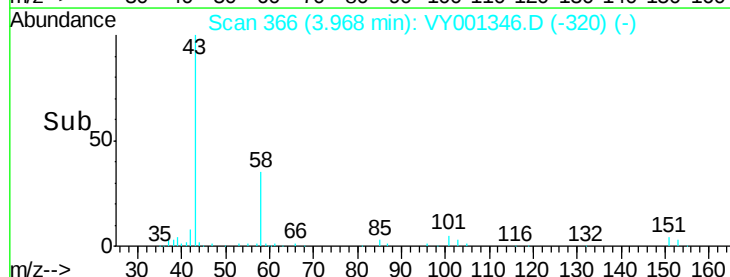
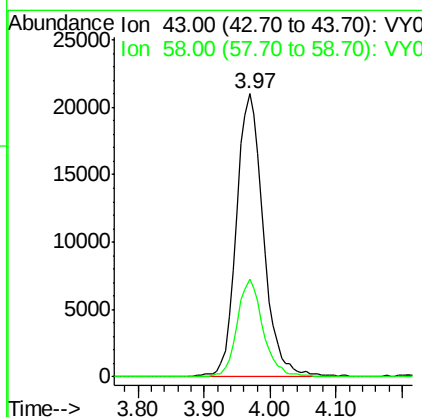
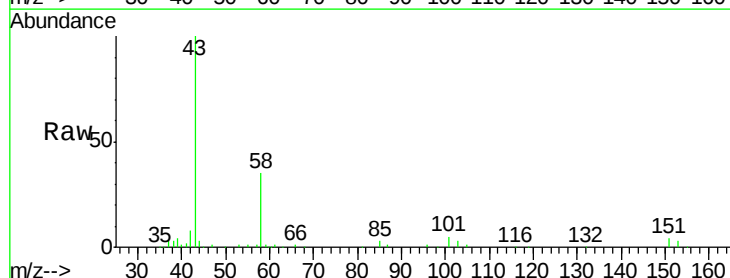
RT: 3.97 min Scan# 366

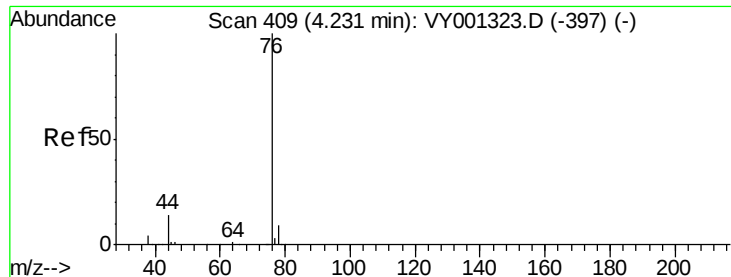
Delta R.T. -0.02 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Tgt Ion:	43	Resp:	59499
Ion	Ratio	Lower	Upper
43	100		
58	34.7	25.4	38.0





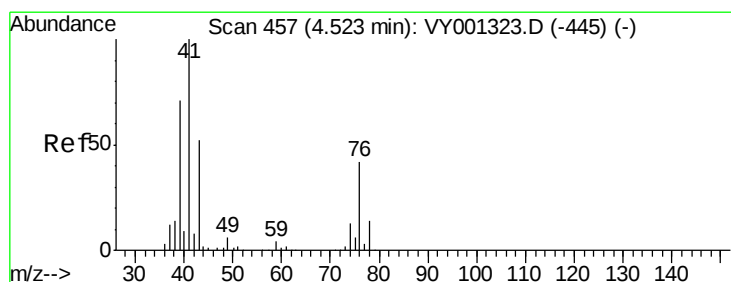
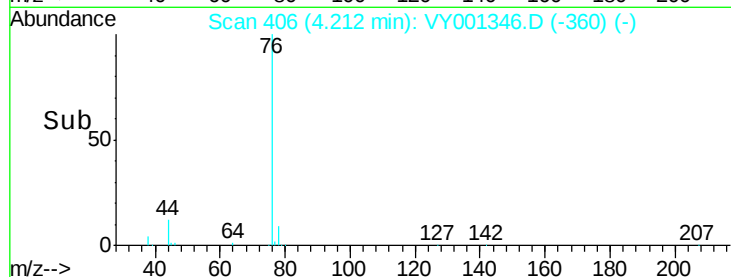
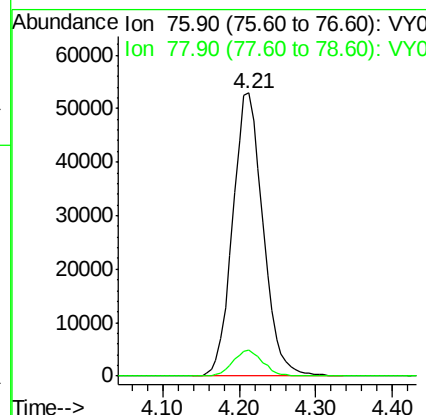
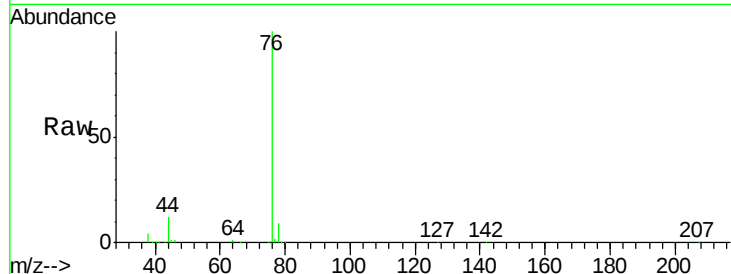
#17
Carbon Disulfide
Concen: 20.766 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.02 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

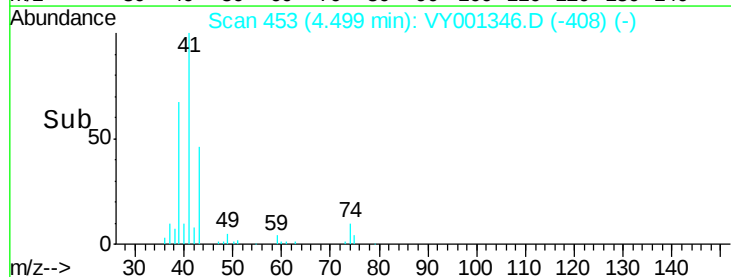
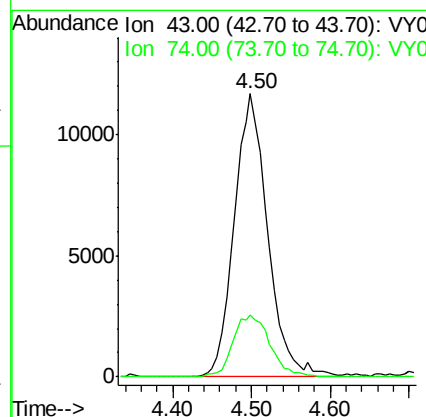
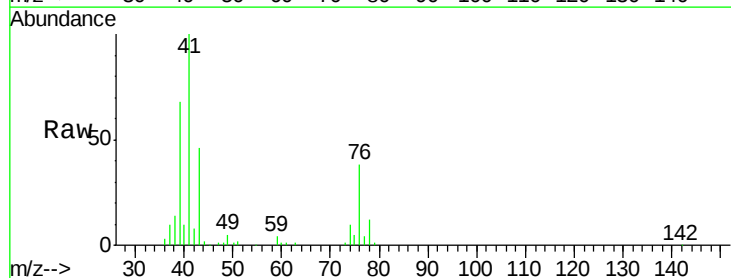
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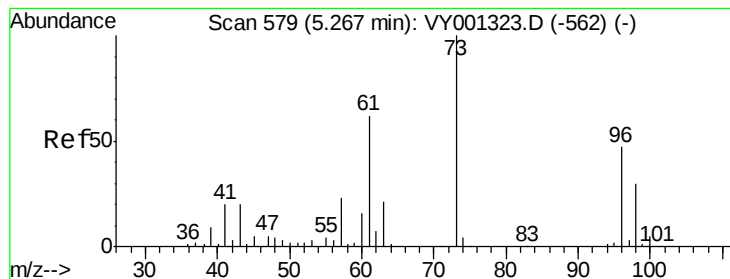
MMDadoda
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#18
Methyl Acetate
Concen: 17.919 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.02 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.4	29.2





#19

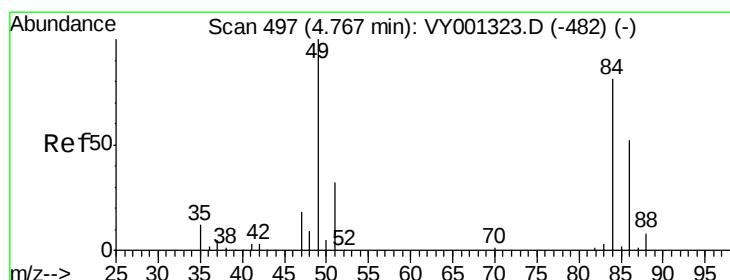
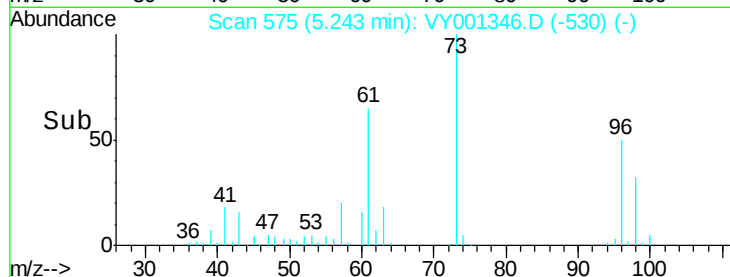
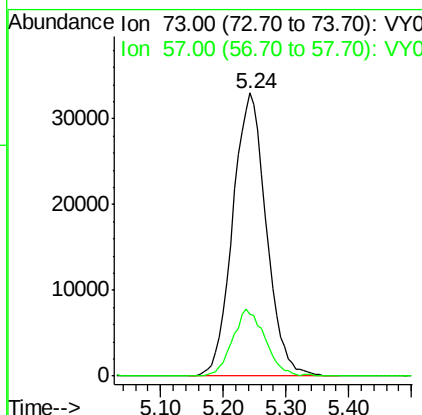
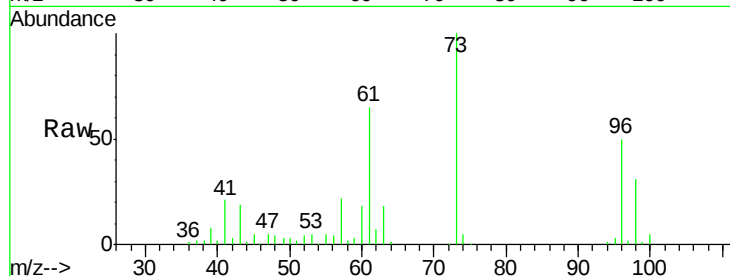
Methyl tert-butyl Ether
 Concen: 18.758 ug/l
 RT: 5.24 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: VY001346.D
 Acq: 23 Jan 2020 12:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.2	27.2

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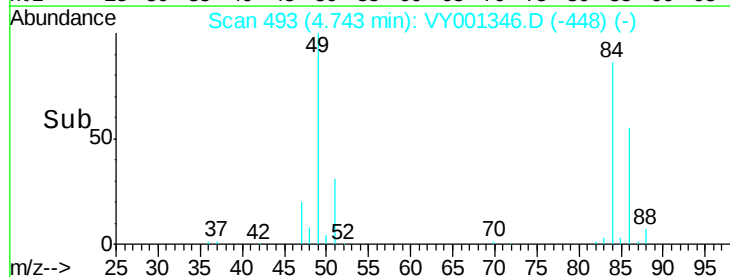
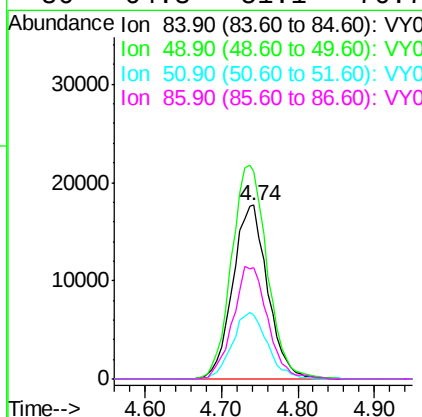
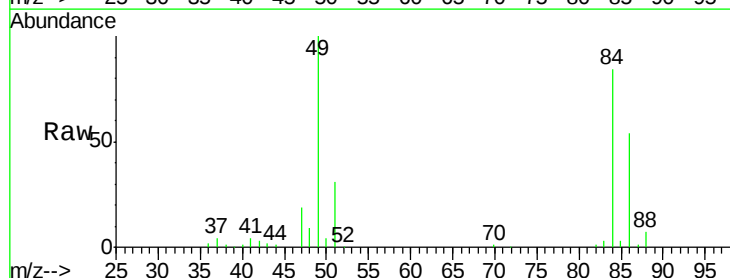
MMDadoda
 1/24/2020 4:03:28 PM

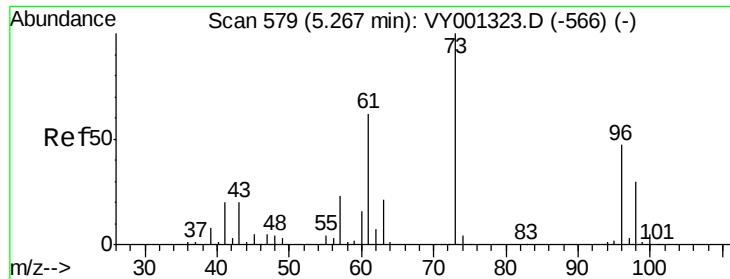


#20

Methylene Chloride
 Concen: 17.135 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. -0.02 min
 Lab File: VY001346.D
 Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.9	98.3	147.5
51	37.0	31.6	47.4
86	64.3	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 19.705 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.02 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

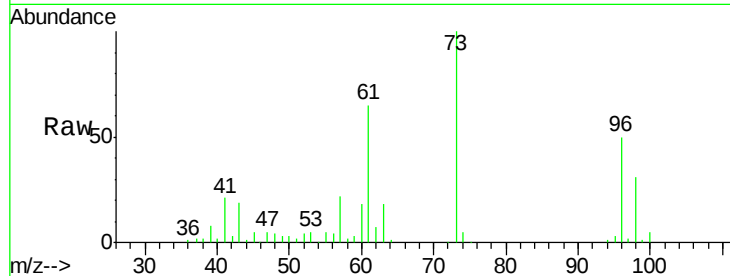
ClientSampleId :

VY0123SBS01

Tot Ion:	96	Resp:	50912
Ion	Ratio	Lower	Upper
96	100		
61	129.6	106.8	160.2
98	62.8	51.0	76.6

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1/24/2020 4:03:28 PM

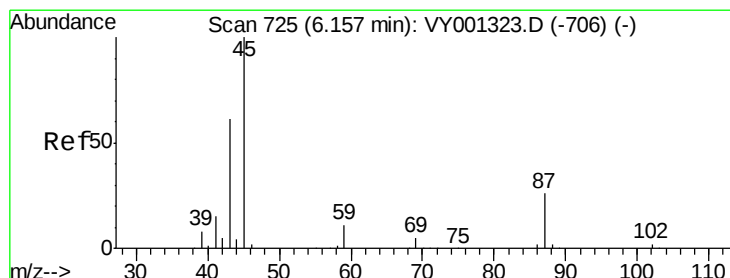
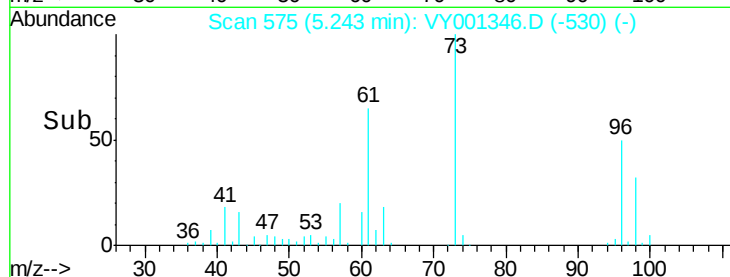
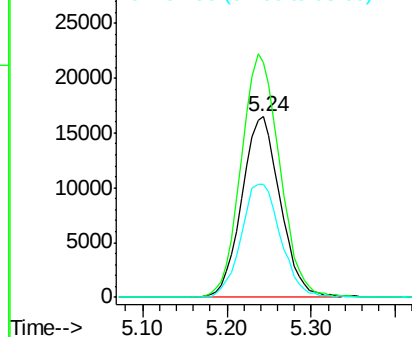


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 19.019 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.02 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Tgt Ion:	45	Resp:	160198
Ion	Ratio	Lower	Upper
45	100		
43	60.4	49.2	73.8
87	25.4	21.4	32.2
59	11.4	9.3	13.9

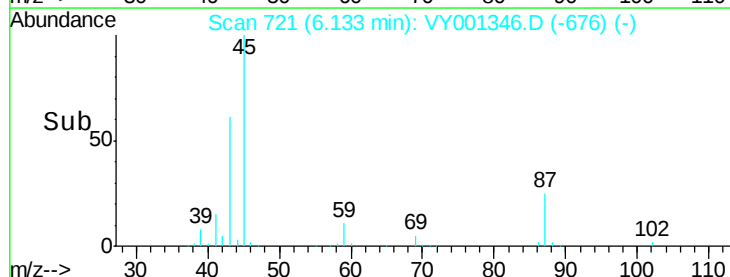
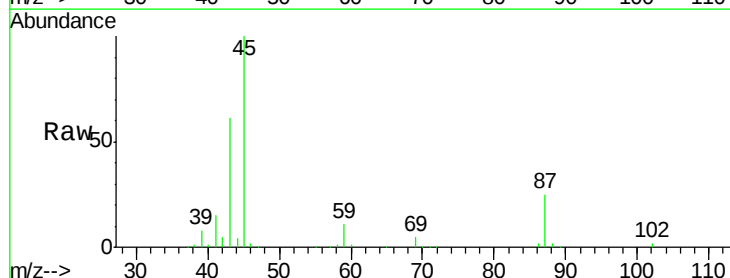
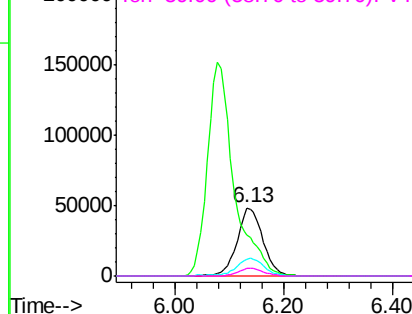
Abundance

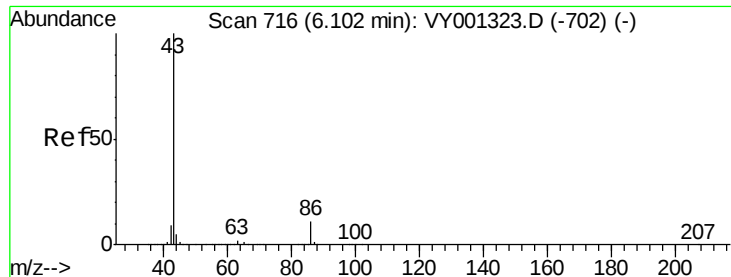
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 93.629 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.02 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion: 43 Resp: 511983

Ion Ratio Lower Upper

43 100

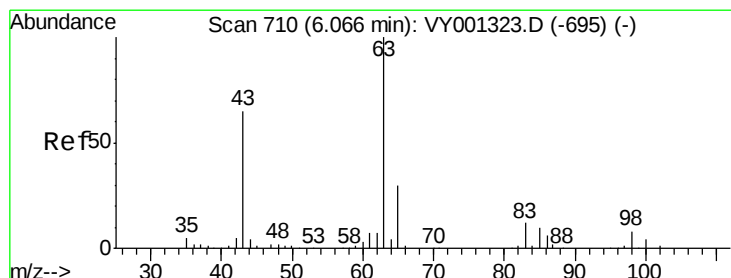
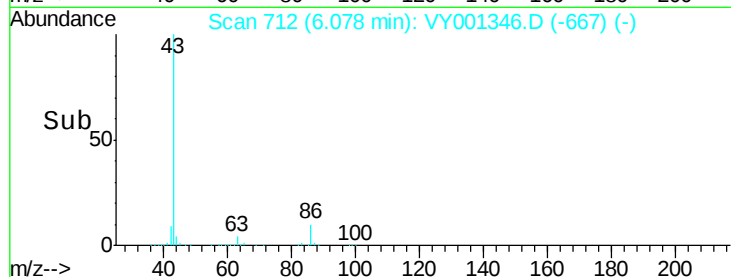
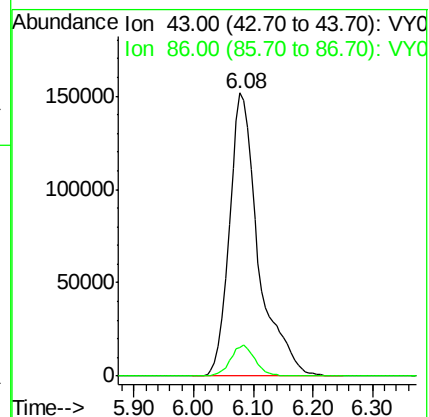
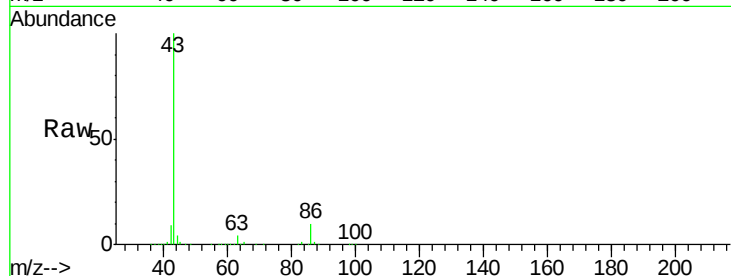
86 10.3 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.692 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.03 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

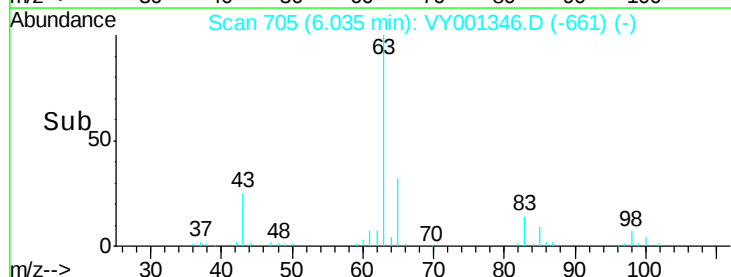
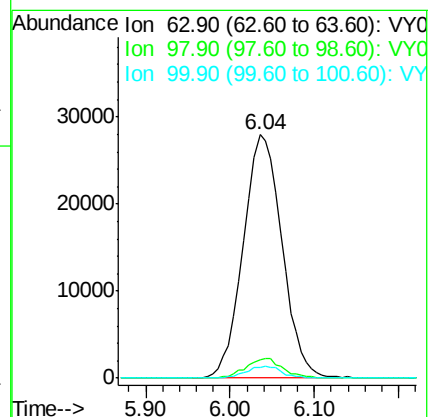
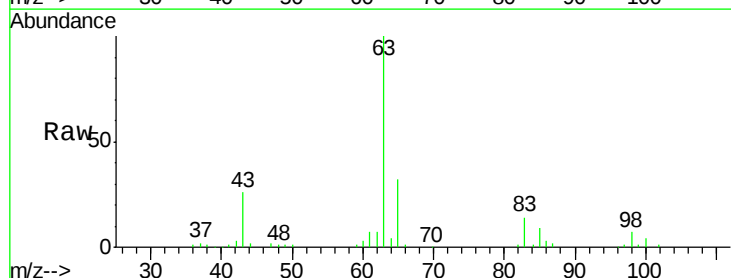
Tgt Ion: 63 Resp: 87426

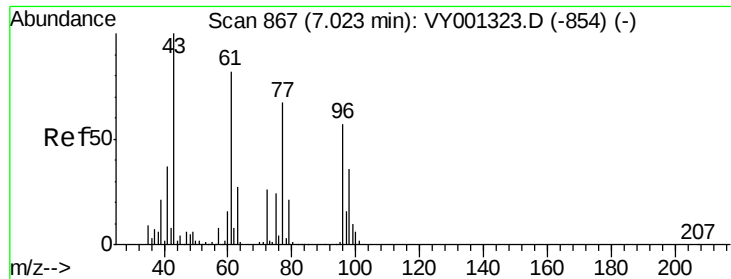
Ion Ratio Lower Upper

63 100

98 7.3 4.0 12.0

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 95.107 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.02 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion: 43 Resp: 94364

Ion Ratio Lower Upper

43 100

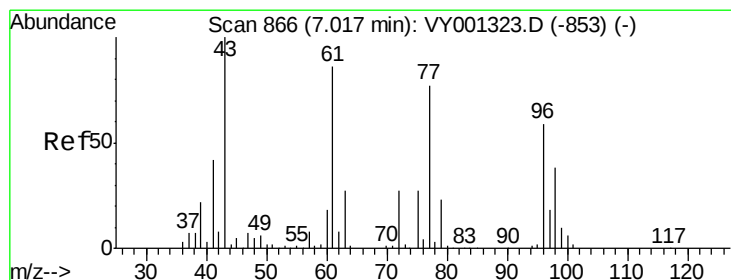
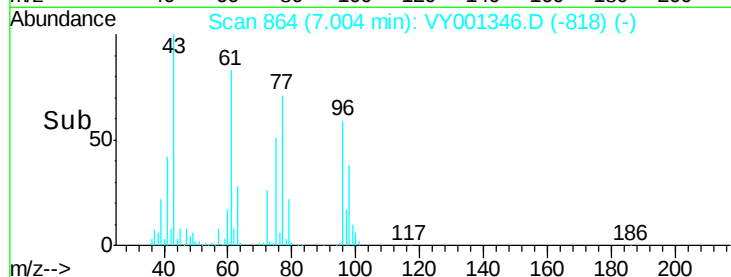
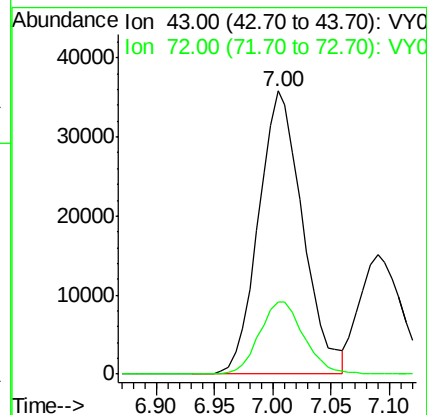
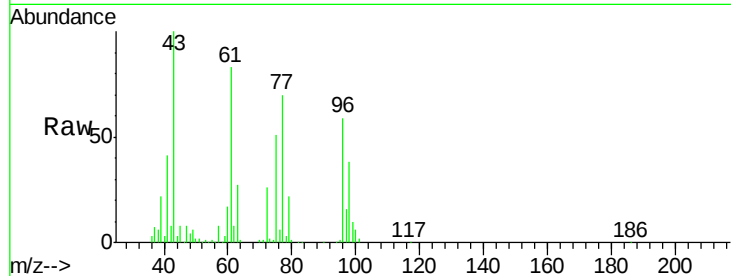
72 25.6 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 20.081 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.02 min

Lab File: VY001346.D

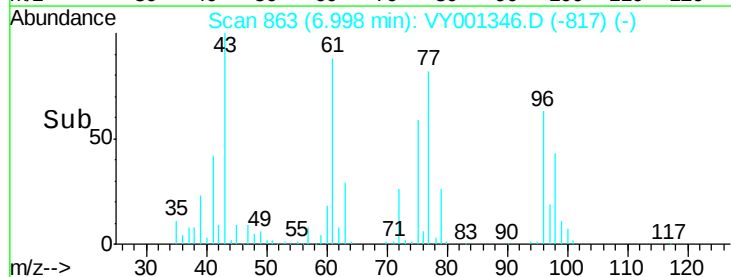
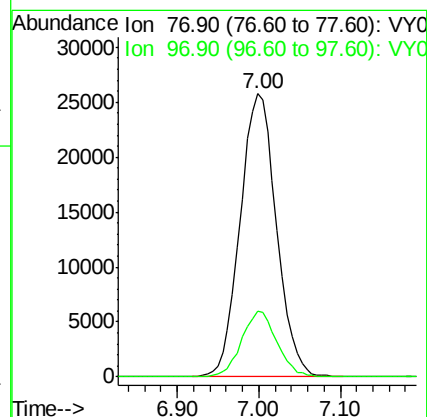
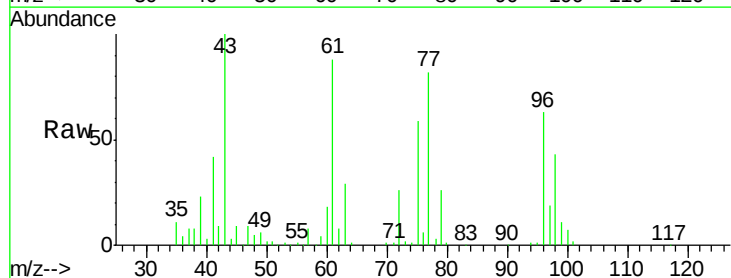
Acq: 23 Jan 2020 12:23

Tgt Ion: 77 Resp: 79413

Ion Ratio Lower Upper

77 100

97 22.6 11.9 35.5





#27

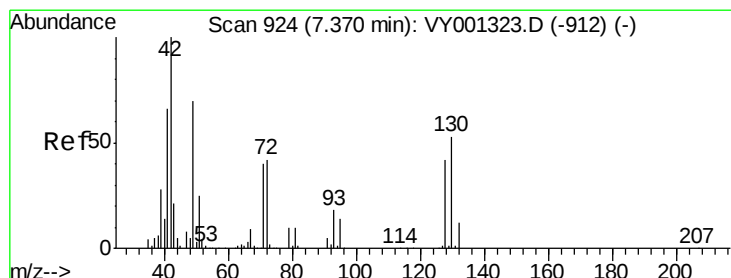
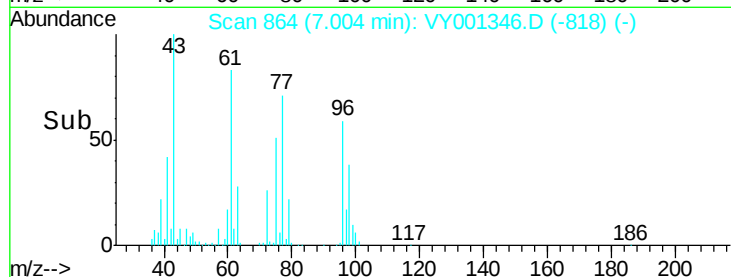
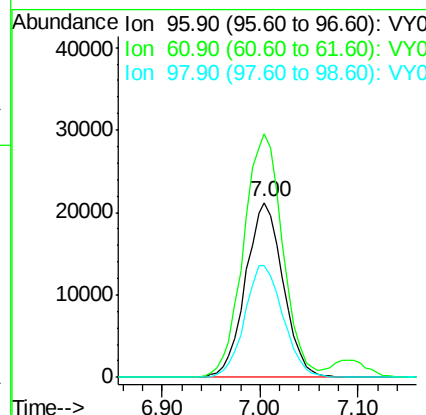
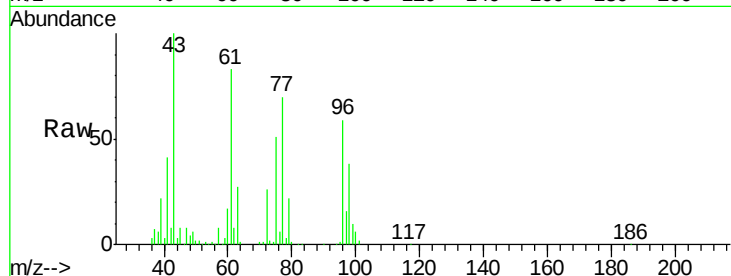
cis-1,2-Dichloroethene
Concen: 19.598 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.02 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.7	0.0	284.8	
98	65.3	0.0	128.4	

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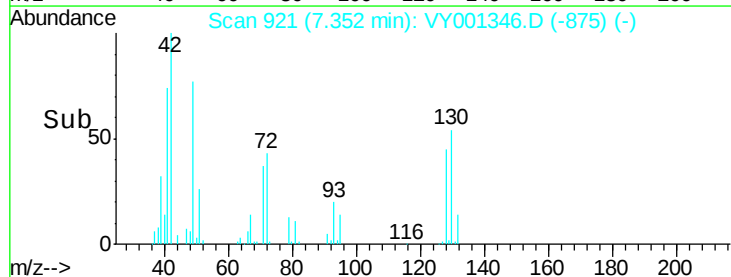
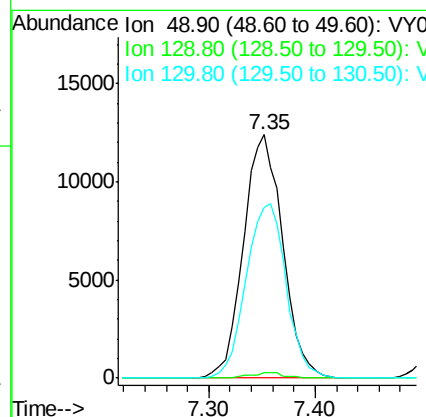
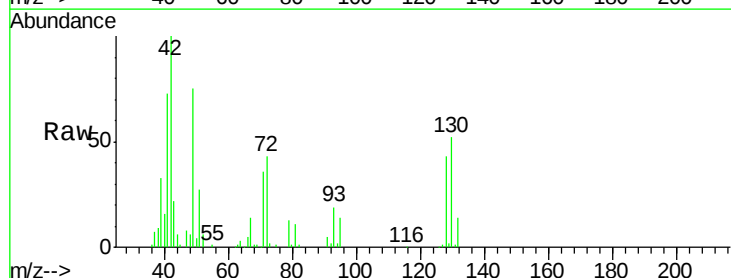
MMDadoda
1/24/2020 4:03:28 PM

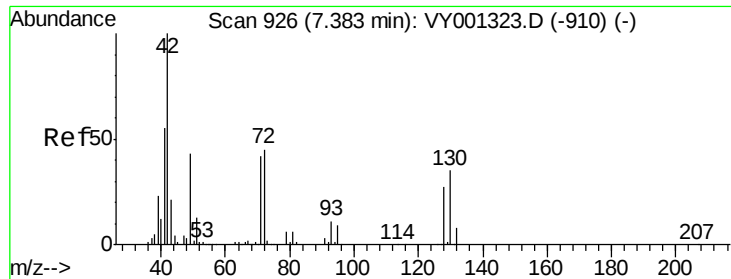


#28

Bromochloromethane
Concen: 17.469 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.02 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	4.0	
130	73.1	58.9	88.3	





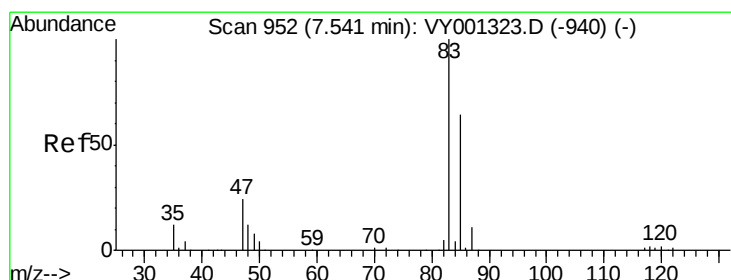
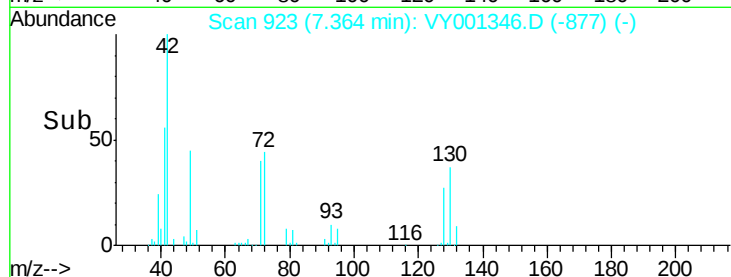
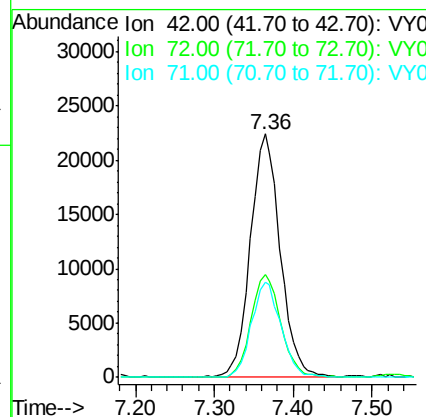
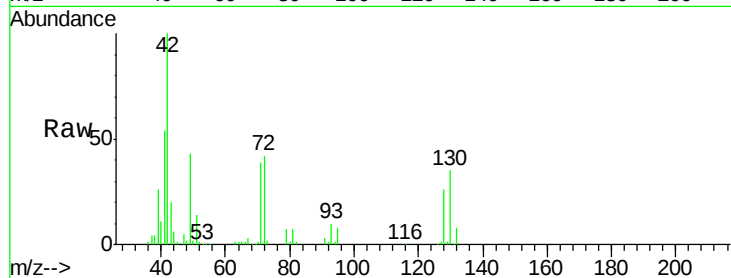
#29
Tetrahydrofuran
Concen: 91.286 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.02 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.6	51.8
71	38.8	32.6	48.8

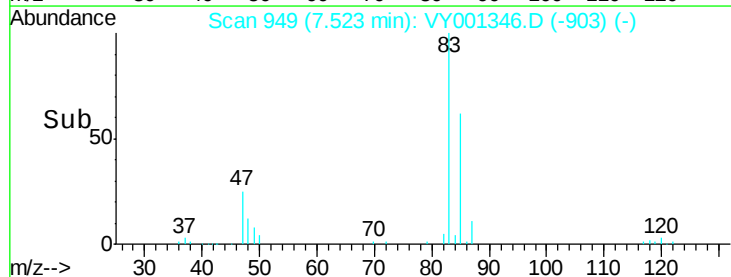
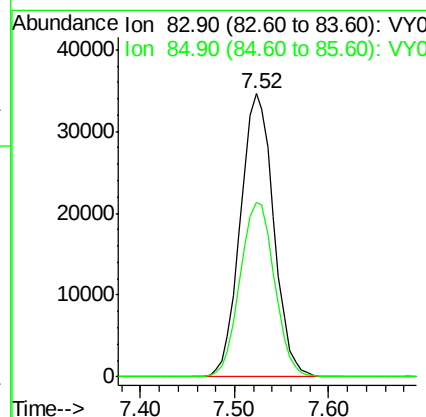
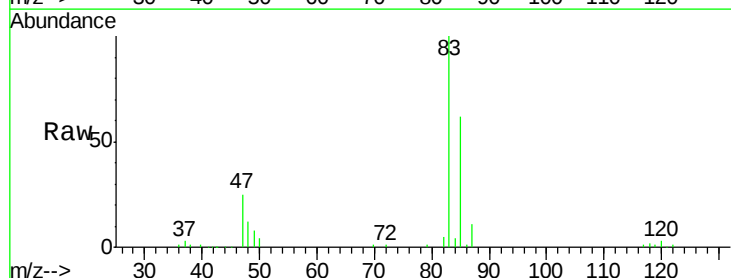
Manual Integrations
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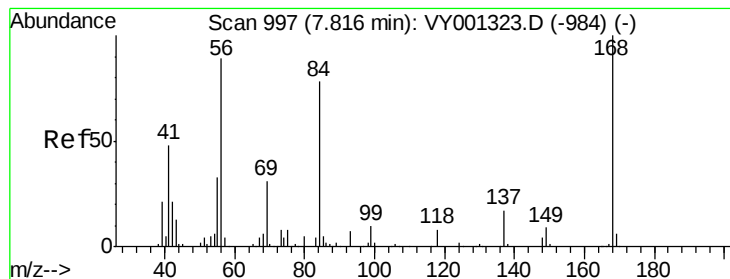
MMDadoda
1/24/2020 4:03:28 PM



#30
Chloroform
Concen: 19.664 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.02 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.5	77.3





#31

Cyclohexane

Concen: 20.849 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

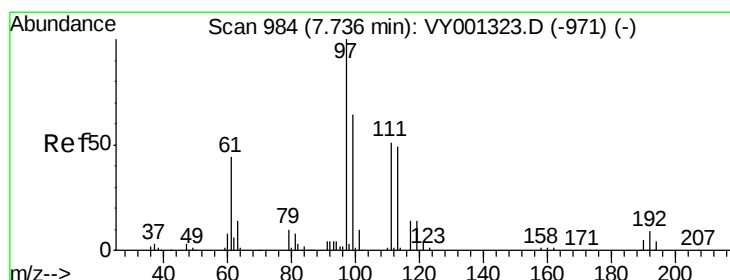
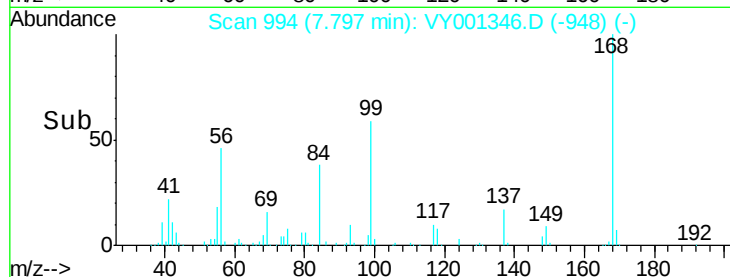
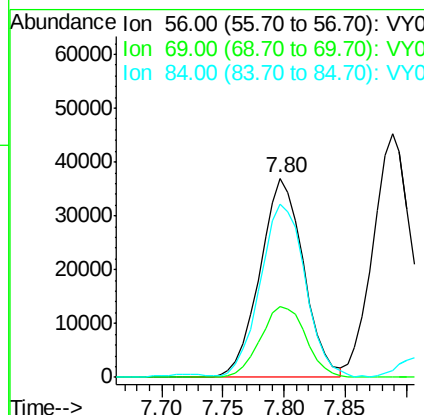
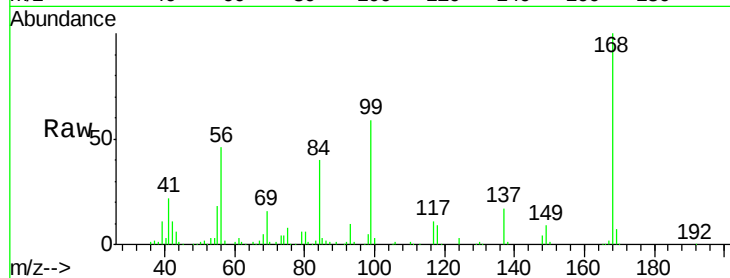
ClientSampleId :

VY0123SBS01

Tot Ion:	56	Resp:	91901
Ion	Ratio	Lower	Upper
56	100		
69	35.8	27.6	41.4
84	85.6	69.7	104.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.066 ug/l

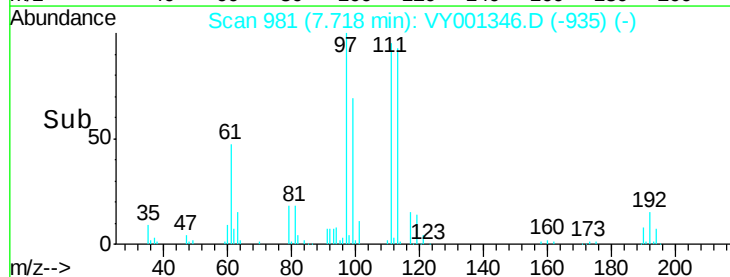
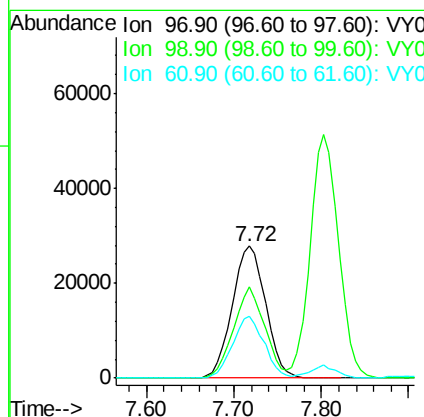
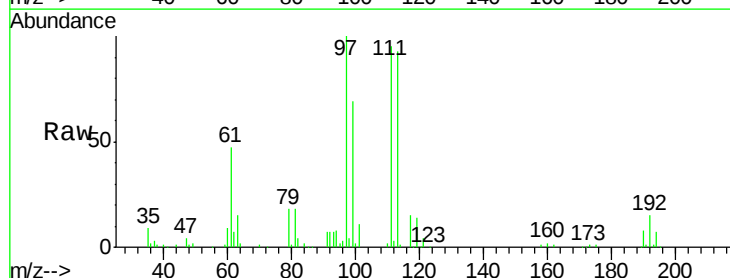
RT: 7.72 min Scan# 981

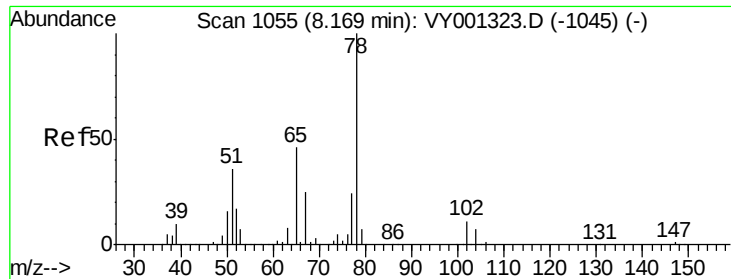
Delta R.T. -0.02 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Tgt Ion:	97	Resp:	73728
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.3	76.9
61	44.3	35.9	53.9





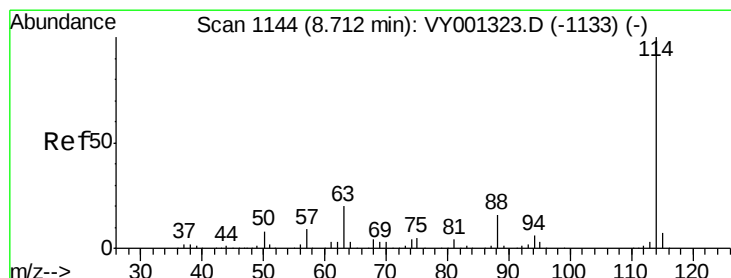
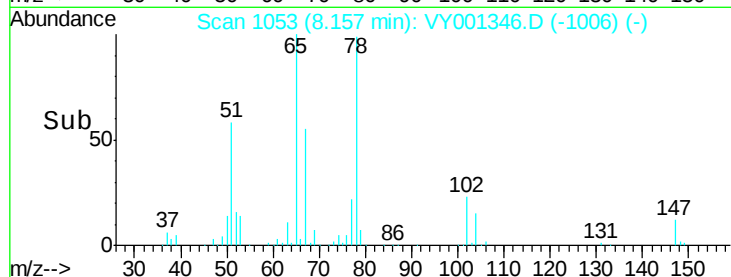
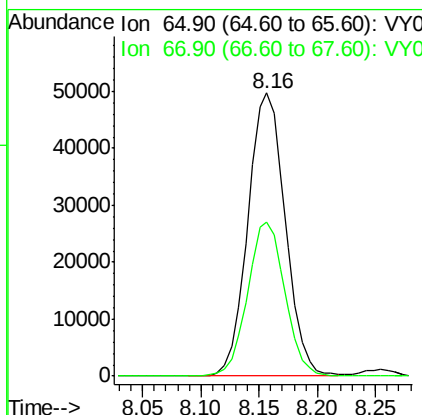
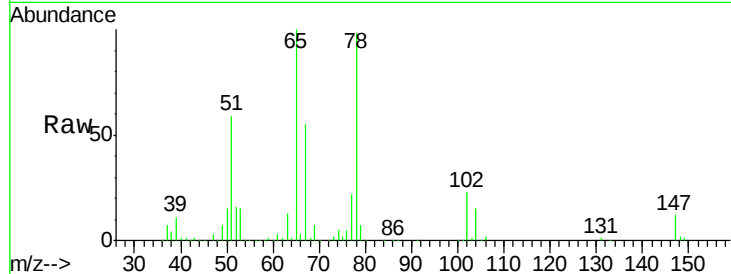
#33
 1,2-Dichloroethane-d4
 Concen: 48.861 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001346.D
 Acq: 23 Jan 2020 12:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	111380		
67	54.2	0.0	108.6	

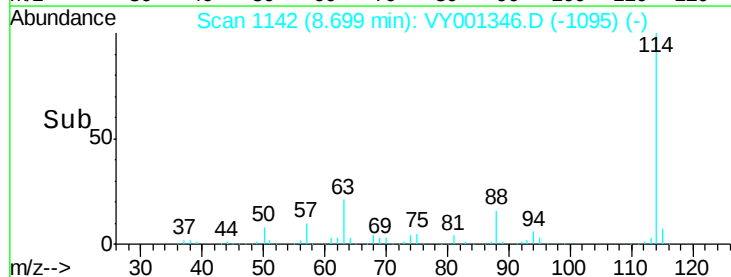
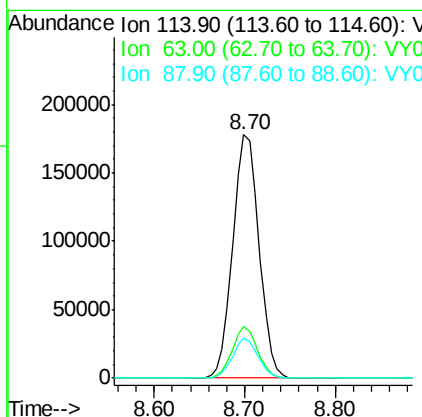
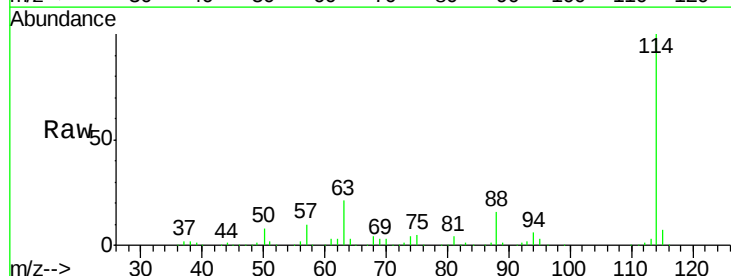
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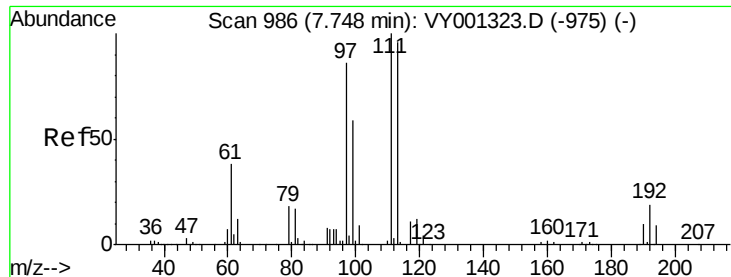
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001346.D
 Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	357100		
63	21.4	0.0	40.8	
88	16.2	0.0	31.0	





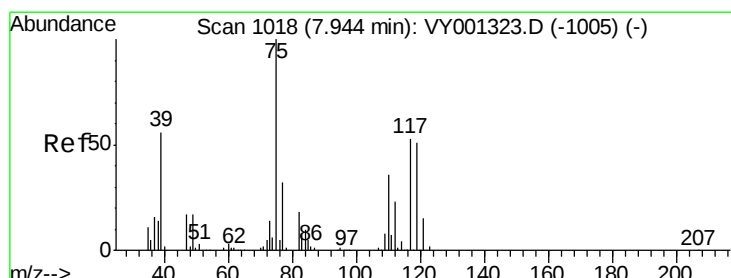
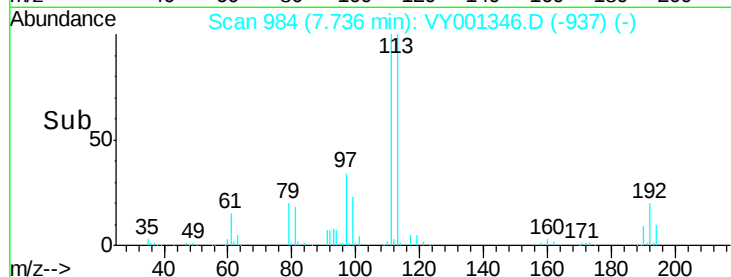
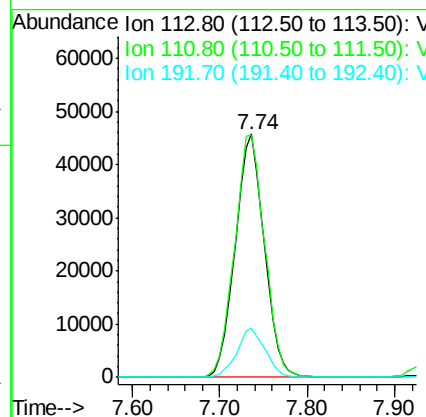
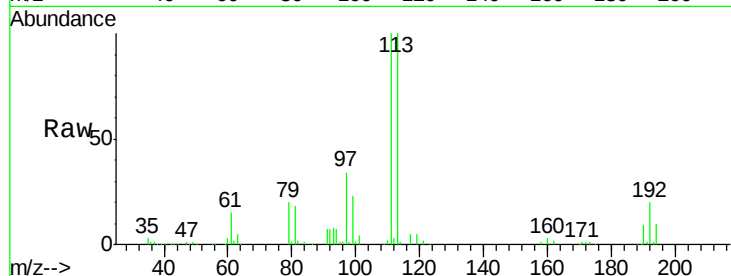
#35
Dibromofluoromethane
Concen: 50.525 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105894		
111	103.0	82.8	124.2	
192	19.9	15.5	23.3	

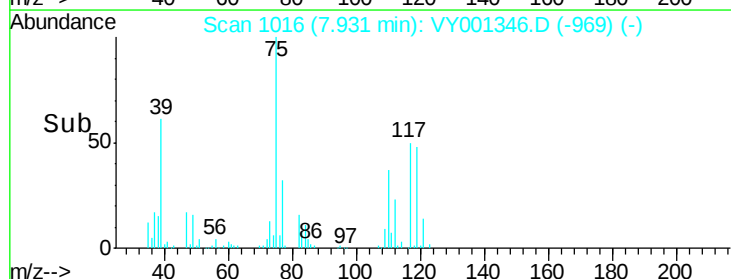
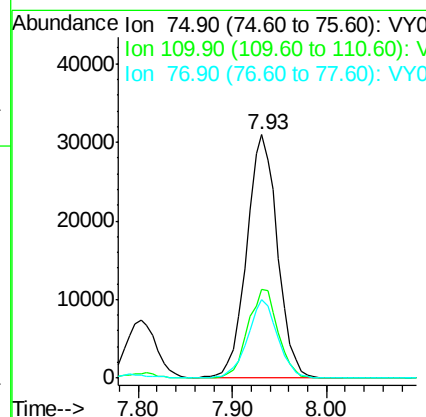
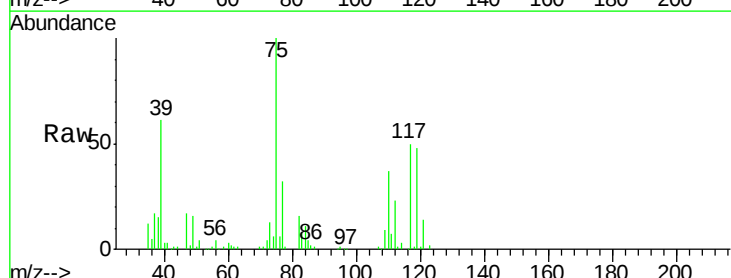
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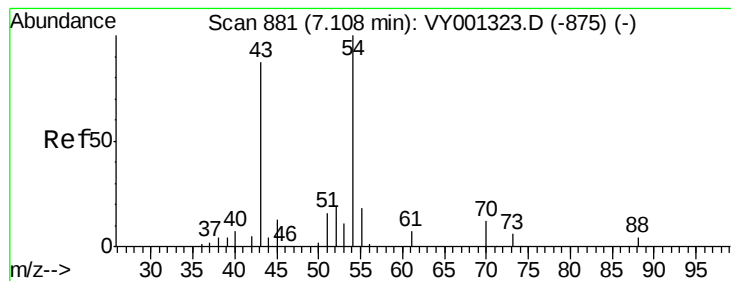
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#36
1,1-Dichloropropene
Concen: 21.023 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70924		
110	35.8	17.6	52.8	
77	31.3	24.7	37.1	





#37

Ethyl Acetate

Concen: 18.879 ug/l

RT: 7.09 min Scan# 878

Delta R.T. -0.02 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

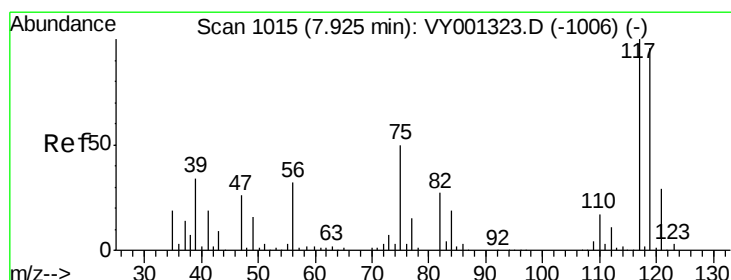
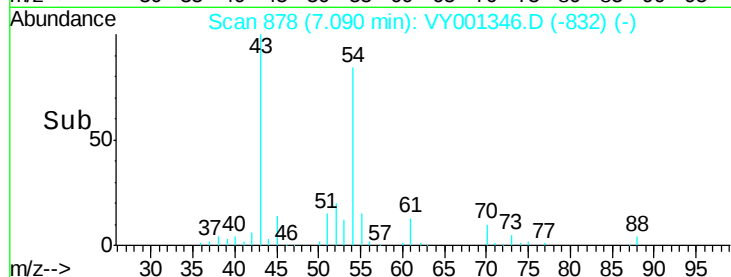
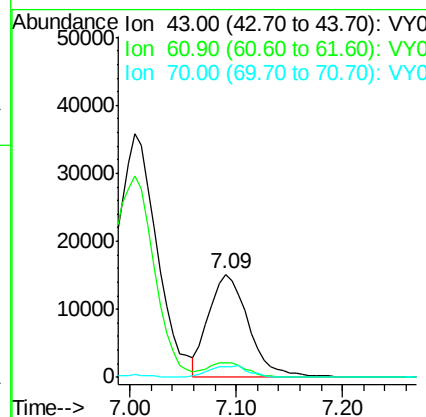
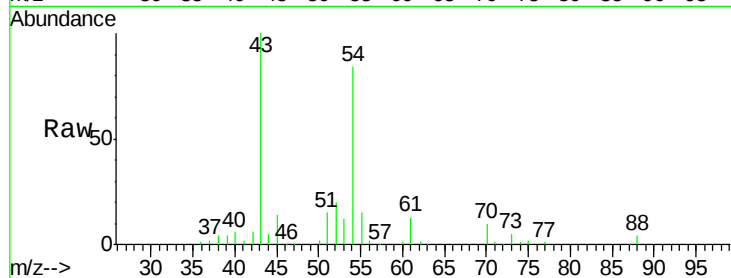
ClientSampleID :

VY0123SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		38915		
61	14.2	11.3	16.9		
70	11.2	8.7	13.1		

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 21.393 ug/l

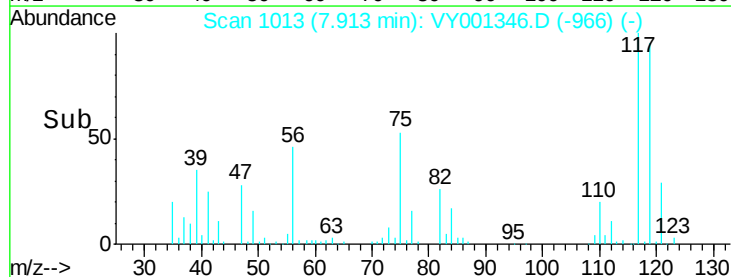
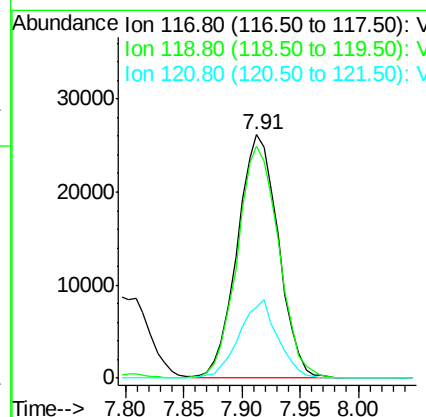
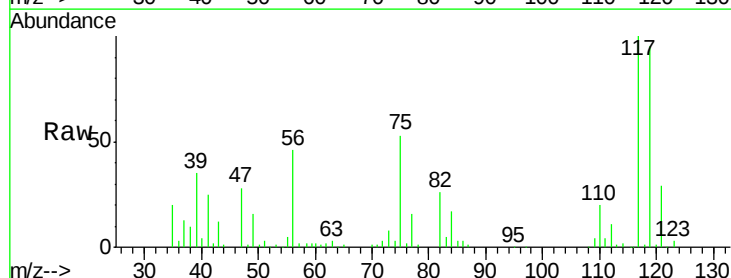
RT: 7.91 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		64324		
119	95.1	76.3	114.5		
121	29.0	23.5	35.3		





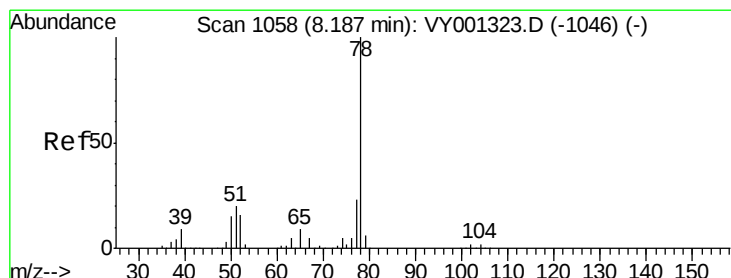
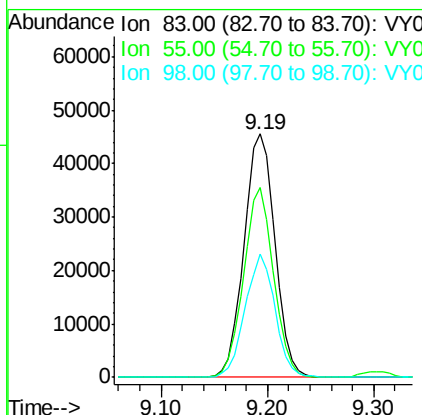
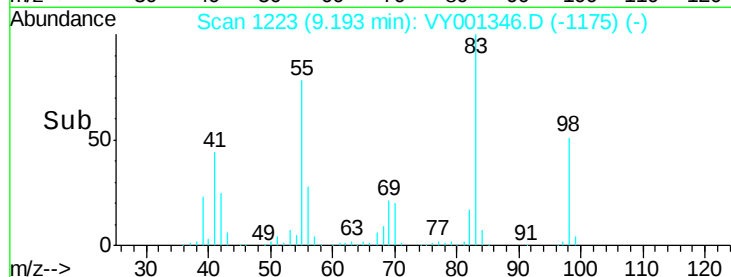
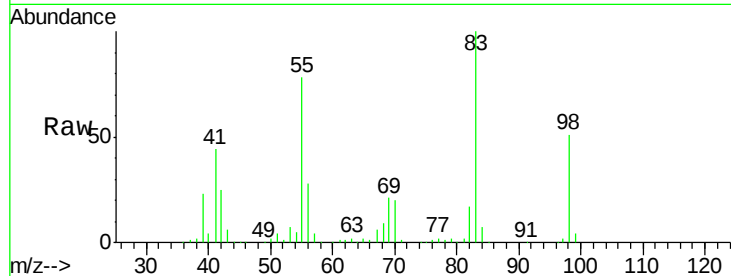
#39
Methvlcvclohexane
Concen: 21.539 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	60.7	91.1
98	50.8	37.8	56.8

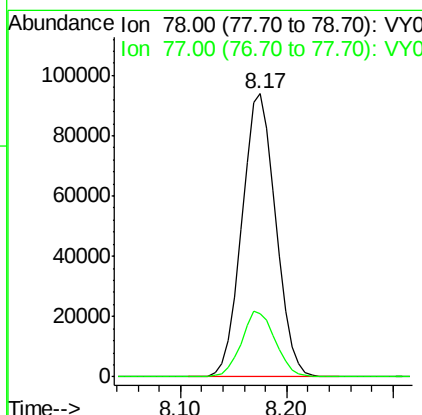
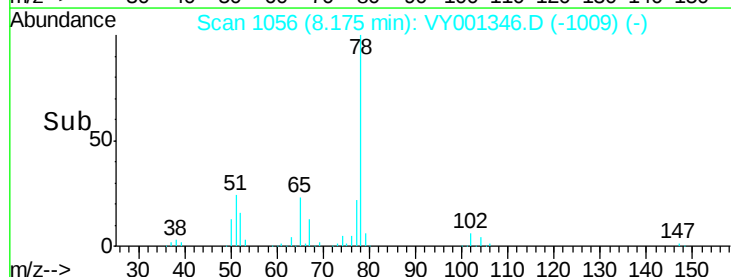
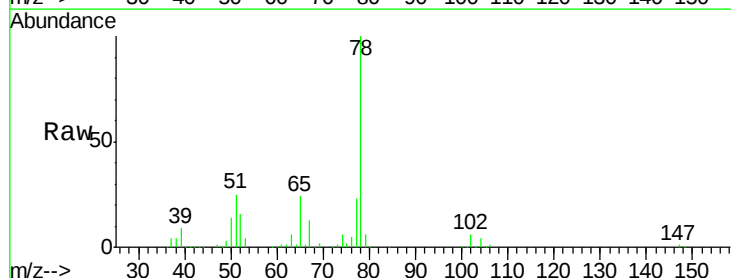
Manual Integrations
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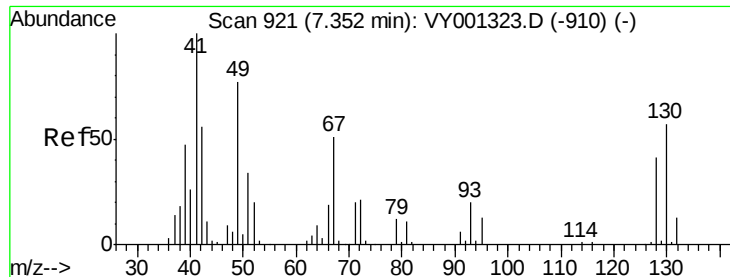
MMDadoda
1/24/2020 4:03:28 PM



#40
Benzene
Concen: 20.718 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.6	27.8





#41

Methacrylonitrile

Concen: 23.616 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. -0.01 min

Lab File: VY001346.D

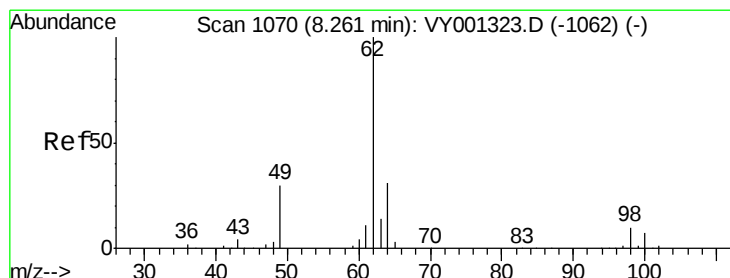
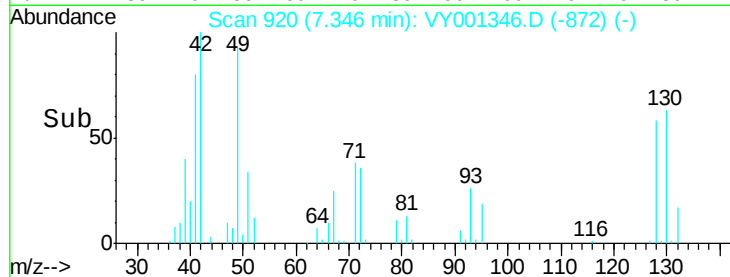
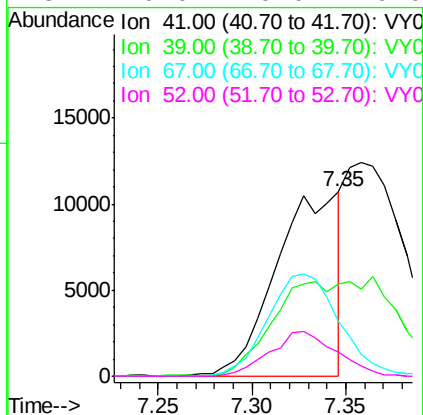
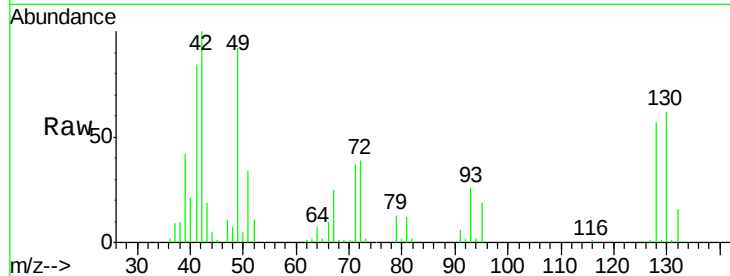
Acq: 23 Jan 2020 12:23

Tot Ion	41	Resp	25120
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

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.516 ug/l

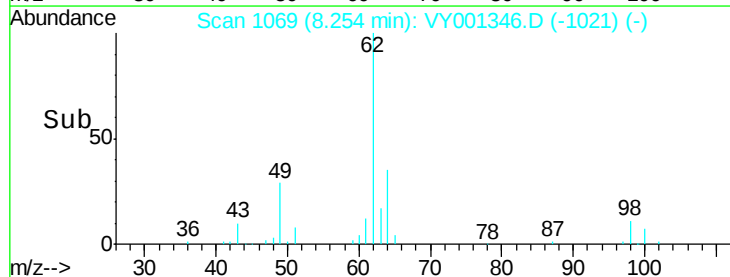
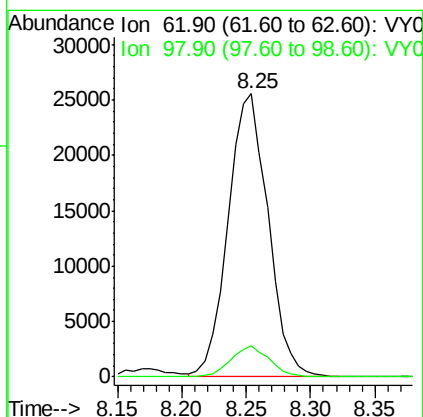
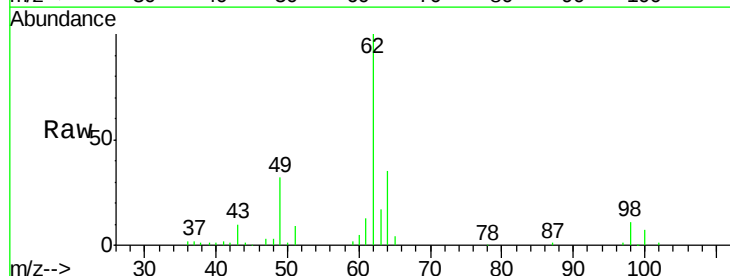
RT: 8.25 min Scan# 1069

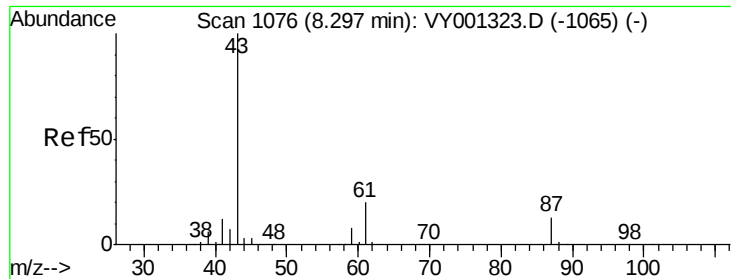
Delta R.T. -0.01 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Tgt Ion	62	Resp	55163
Ion Ratio	Lower	Upper	
62	100		
98	10.3	0.0	20.8





#43

Isopropyl Acetate

Concen: 19.414 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

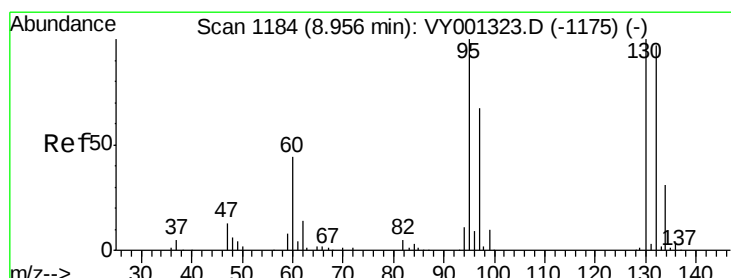
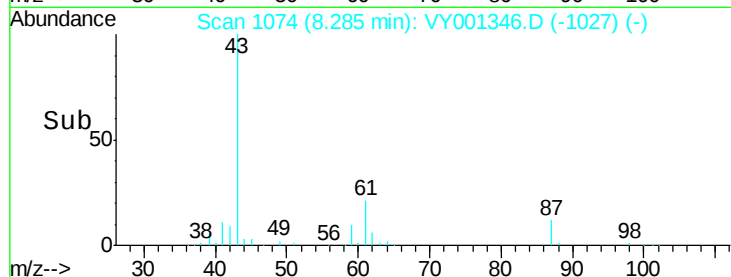
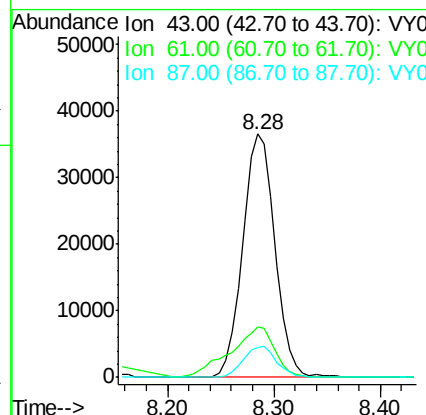
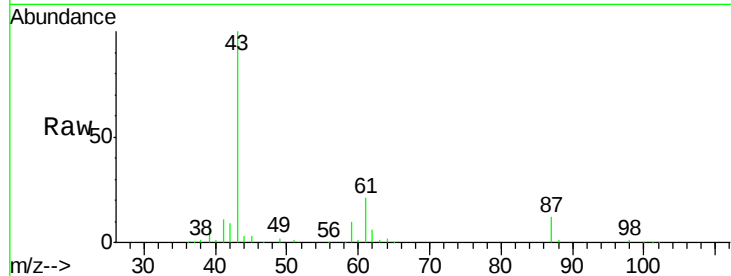
ClientSampleId :

VY0123SBS01

Tot Ion:	43	Resp:	77812
Ion	Ratio	Lower	Upper
43	100		
61	28.3	22.7	34.1
87	13.1	11.0	16.4

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#44

Trichloroethene

Concen: 20.498 ug/l

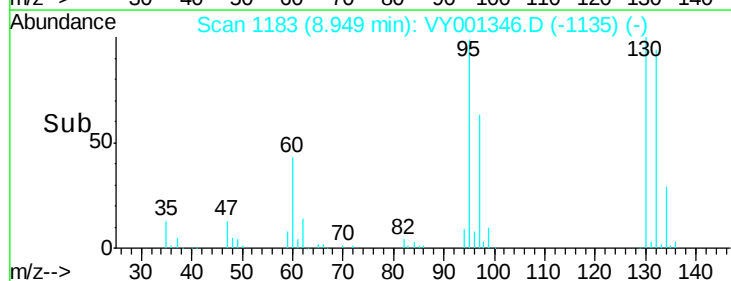
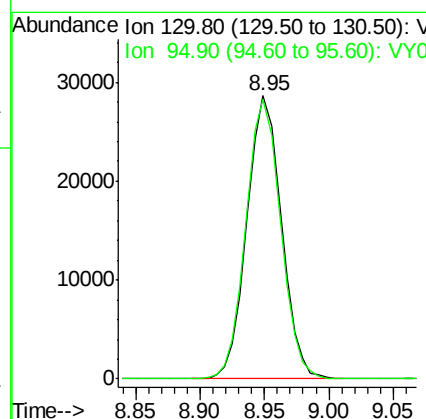
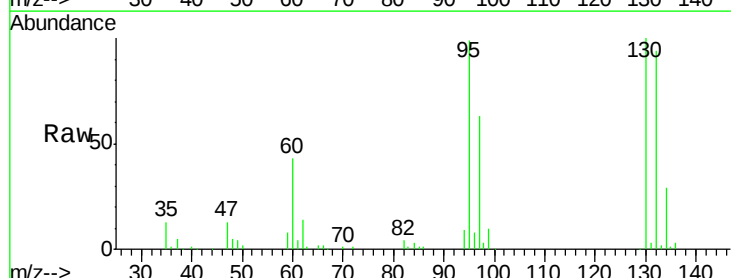
RT: 8.95 min Scan# 1183

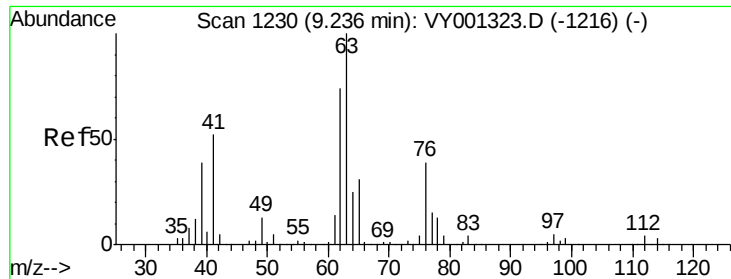
Delta R.T. -0.01 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Tgt Ion:	130	Resp:	53210
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	200.0





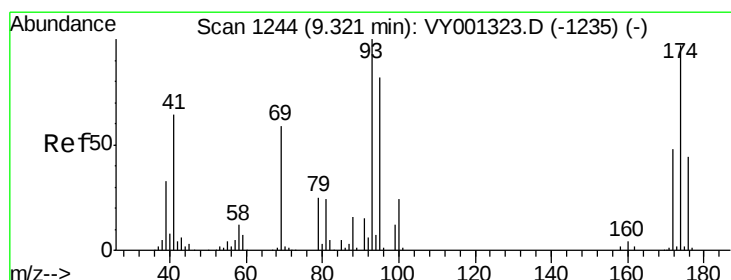
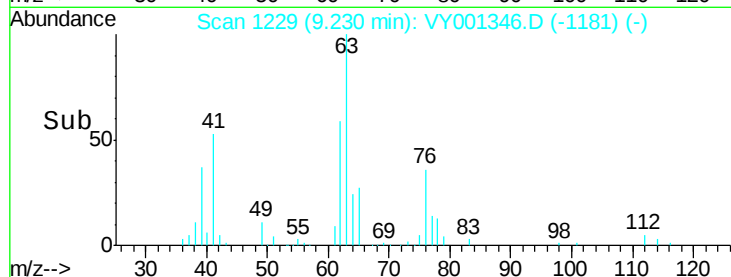
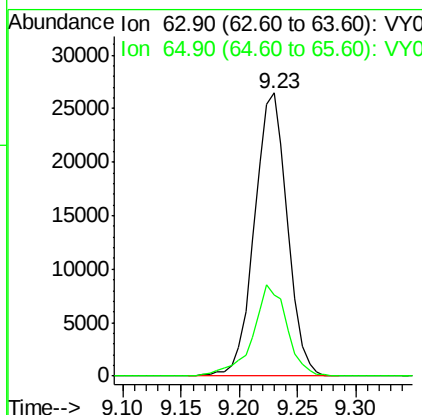
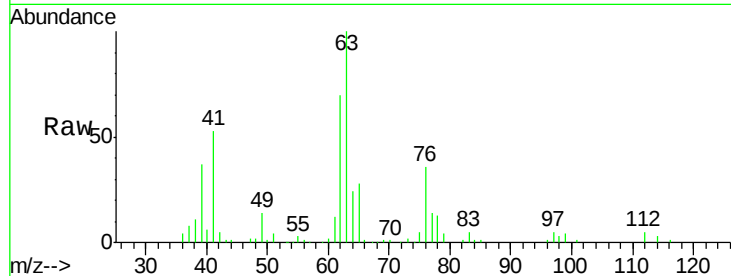
#45
 1,2-Dichloropropane
 Concen: 20.368 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001346.D
 Acq: 23 Jan 2020 12:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Tot Ion: 63 Resp: 52085
 Ion Ratio Lower Upper
 63 100
 65 28.5 24.9 37.3

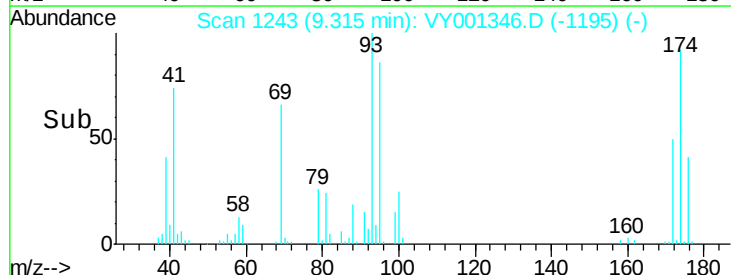
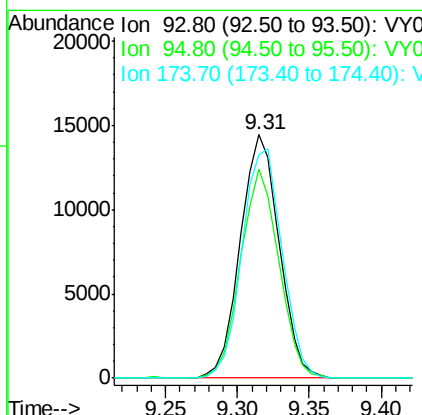
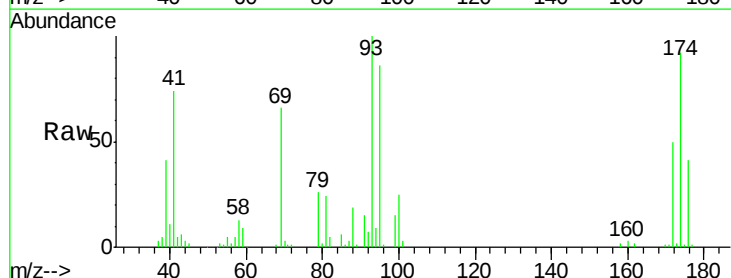
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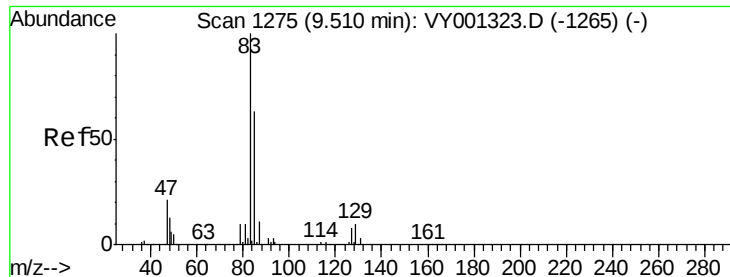
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#46
 Dibromomethane
 Concen: 19.668 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001346.D
 Acq: 23 Jan 2020 12:23

Tgt Ion: 93 Resp: 27001
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.5 99.7
 174 96.8 77.9 116.9





#47

Bromodichloromethane

Concen: 20.206 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

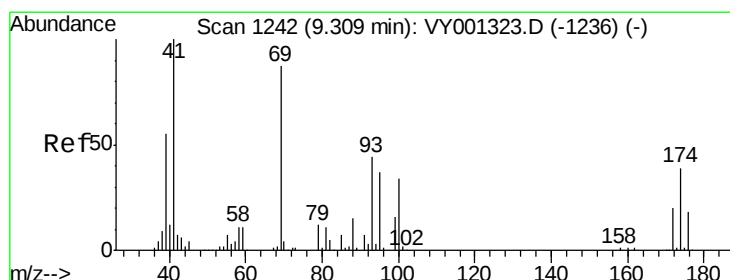
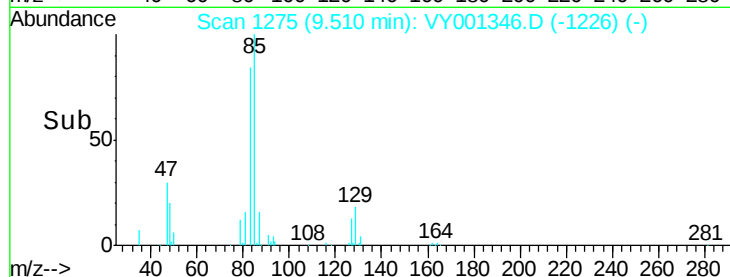
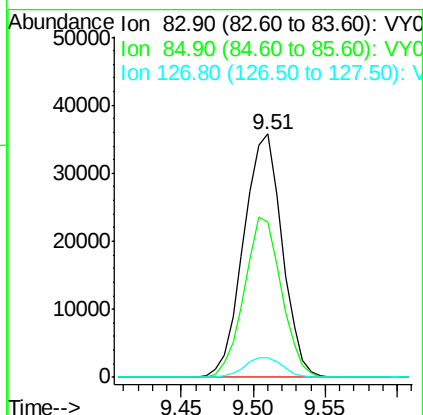
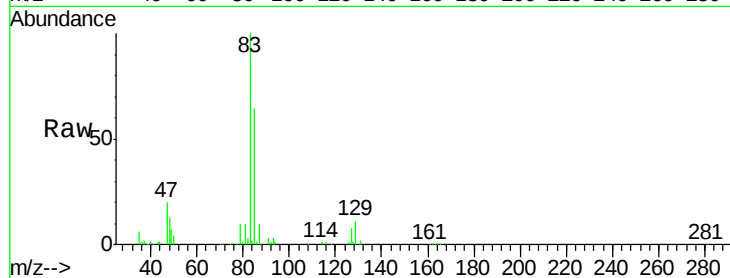
ClientSampleId :

VY0123SBS01

Tot Ion:	83	Resp:	66313
Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.2	75.2
127	8.0	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.504 ug/l

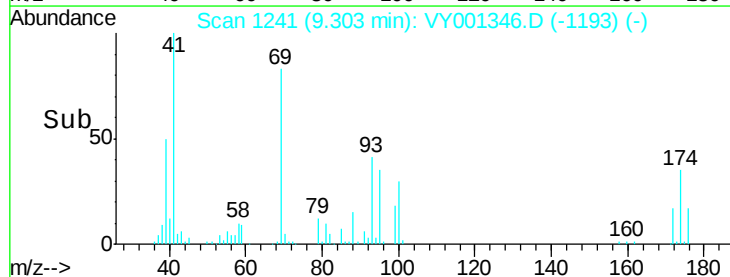
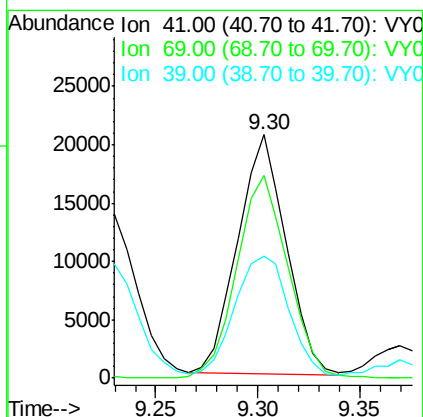
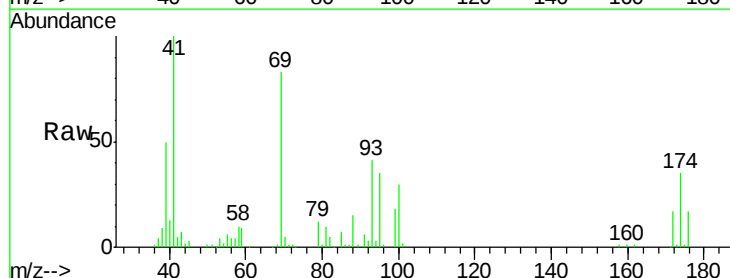
RT: 9.30 min Scan# 1241

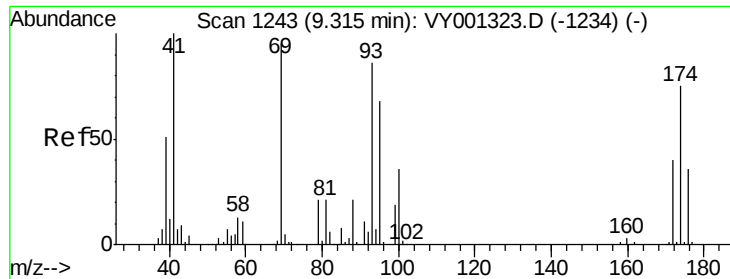
Delta R.T. -0.01 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Tgt Ion:	41	Resp:	33716
Ion	Ratio	Lower	Upper
41	100		
69	89.6	70.2	105.4
39	58.7	45.7	68.5





#49

1,4-Dioxane

Concen: 412.916 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

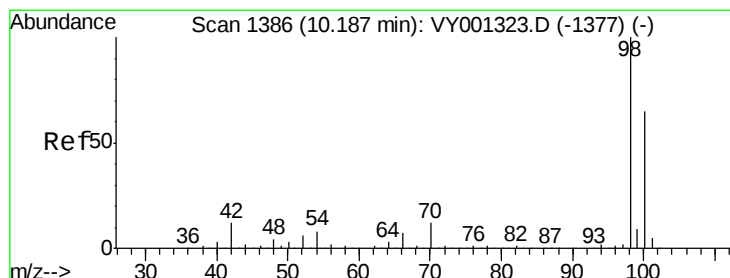
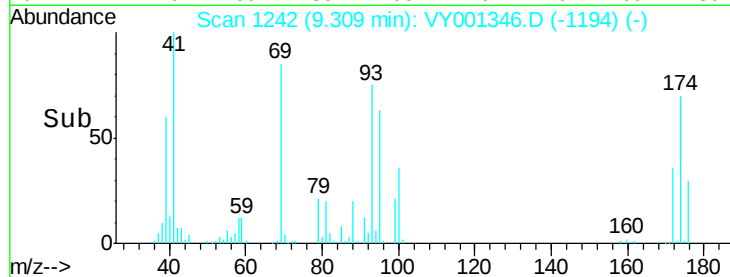
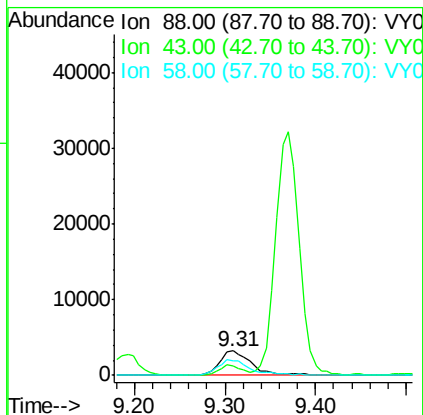
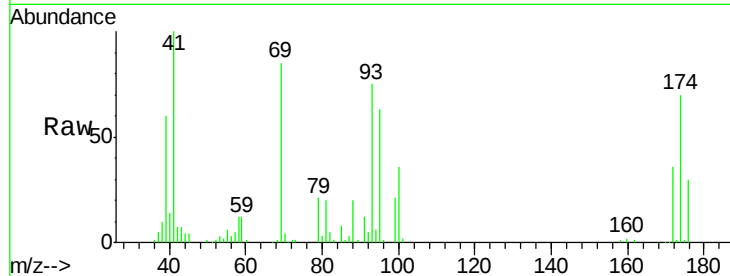
ClientSampleId :

VY0123SBS01

Tot Ion:	88	Resp:	7994
Ion	Ratio	Lower	Upper
88	100		
43	29.8	28.2	42.2
58	67.8	55.6	83.4

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#50

Toluene-d8

Concen: 53.322 ug/l

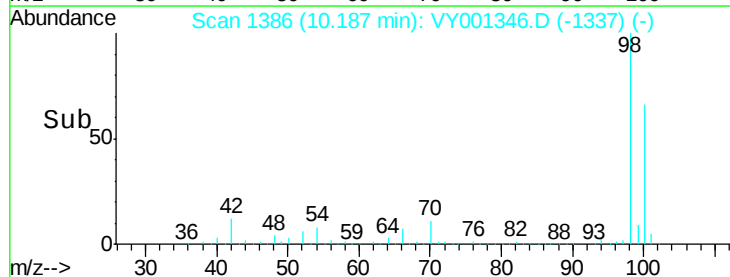
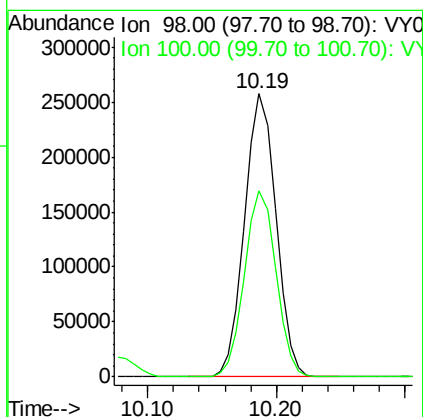
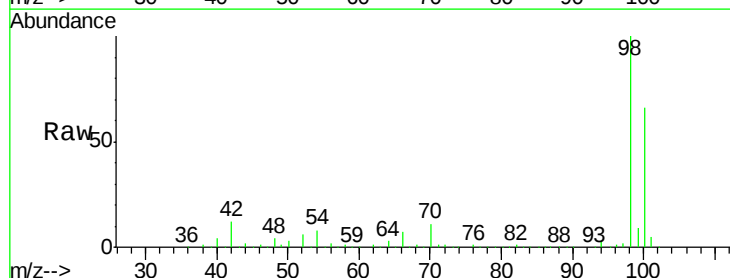
RT: 10.19 min Scan# 1386

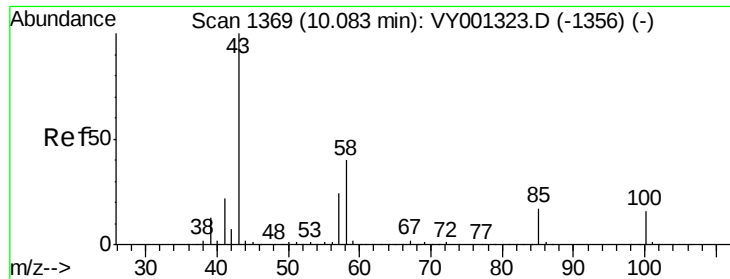
Delta R.T. -0.00 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Tgt Ion:	98	Resp:	434189
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	79.0





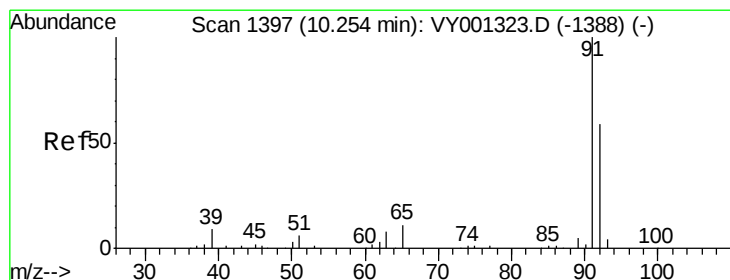
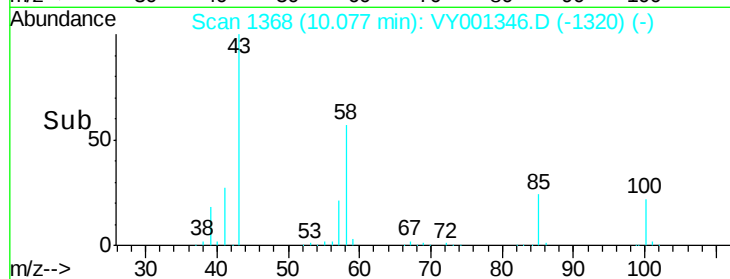
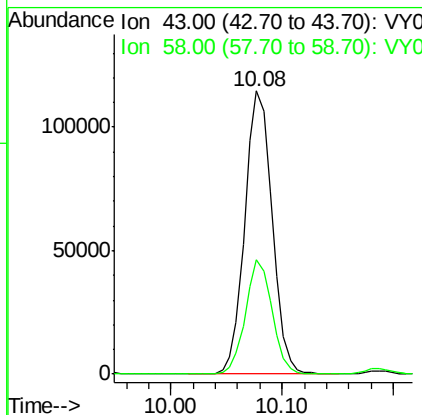
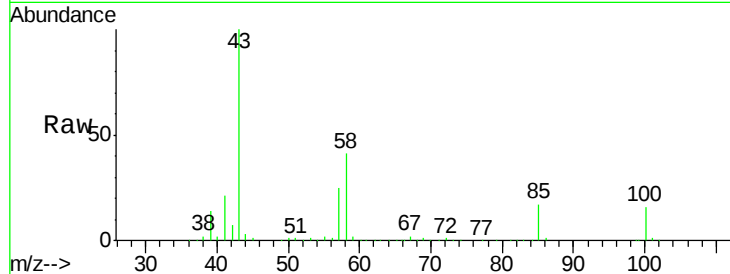
#51
4-Methyl-2-Pentanone
Concen: 95.075 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	43	58	Resp	196243
Ion Ratio	100	39.3	Lower	Upper
			31.5	47.3

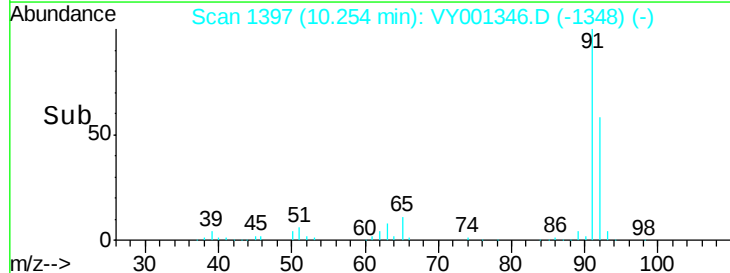
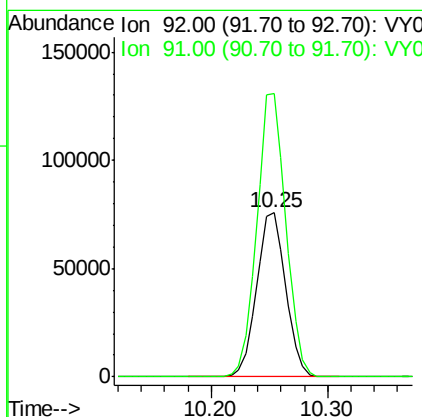
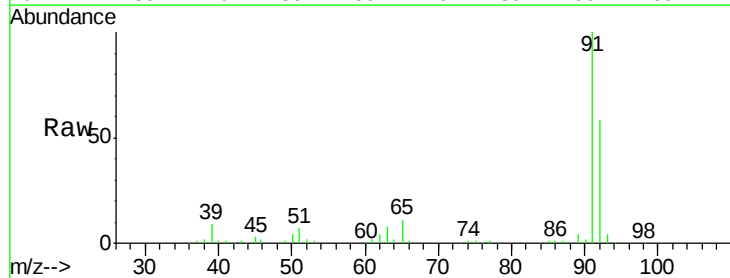
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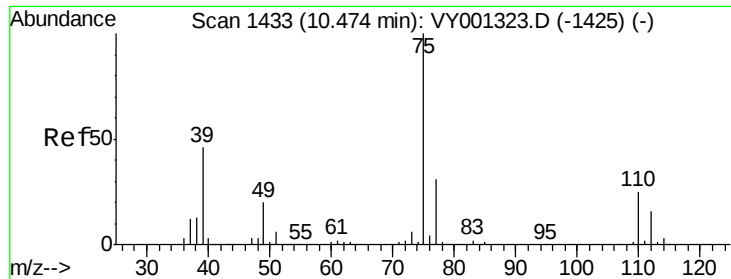
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#52
Toluene
Concen: 20.411 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion	92	91	Resp	130886
Ion Ratio	100	172.2	Lower	Upper
			136.4	204.6





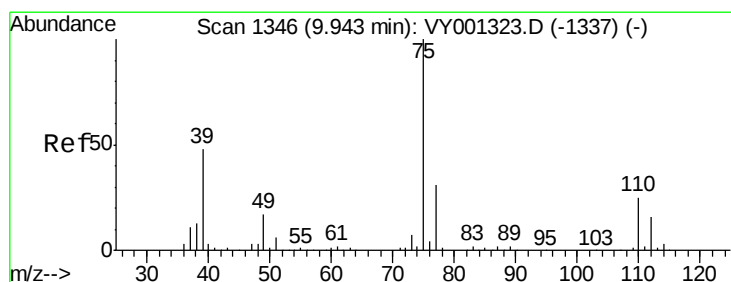
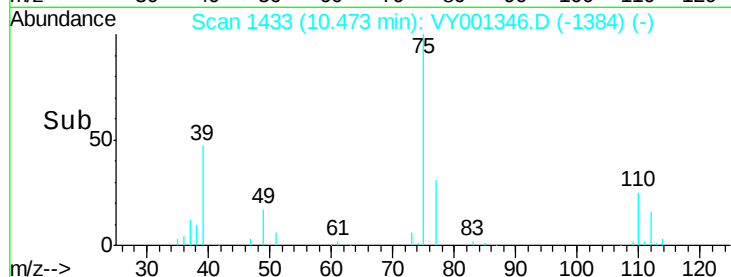
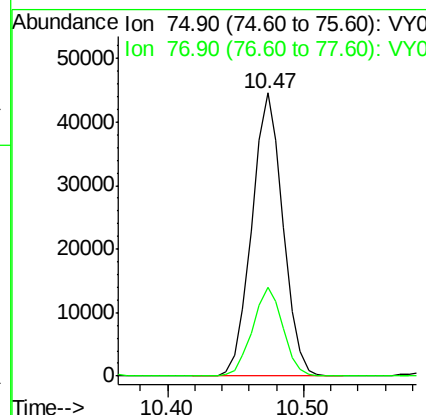
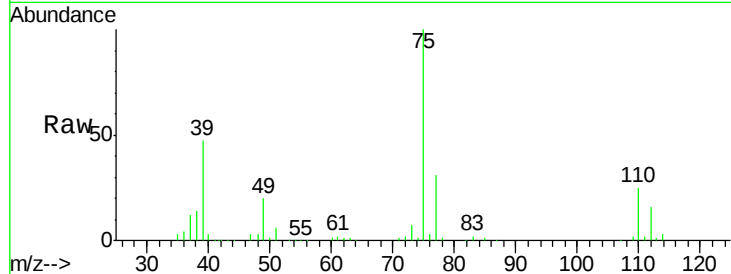
#53
t-1,3-Dichloropropene
Concen: 19.639 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion: 75 Resp: 71437
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8

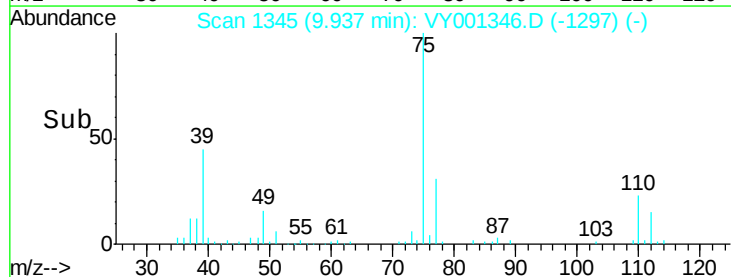
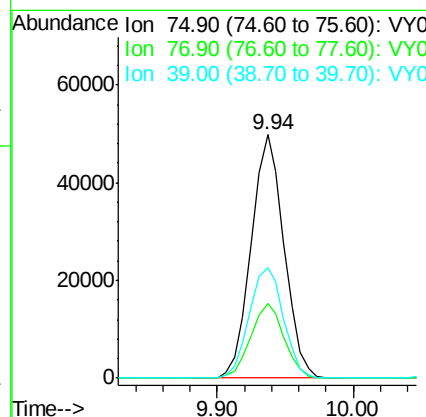
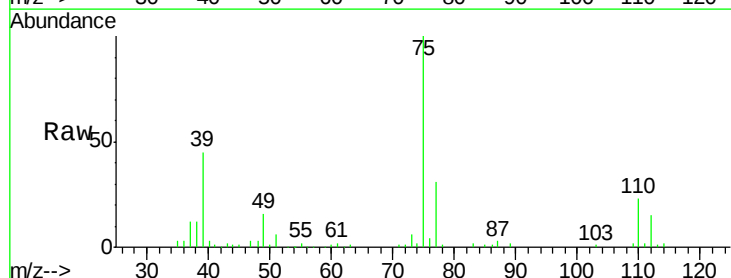
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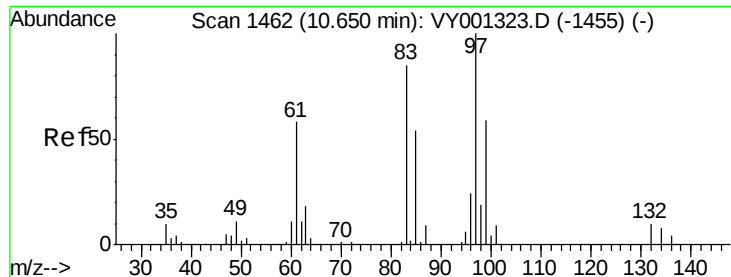
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#54
cis-1,3-Dichloropropene
Concen: 20.181 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion: 75 Resp: 84259
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6
39 45.2 38.2 57.4





#55

1,1,2-Trichloroethane

Concen: 19.456 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion: 97 Resp: 39423

Ion Ratio Lower Upper

97 100

83 84.0 68.0 102.0

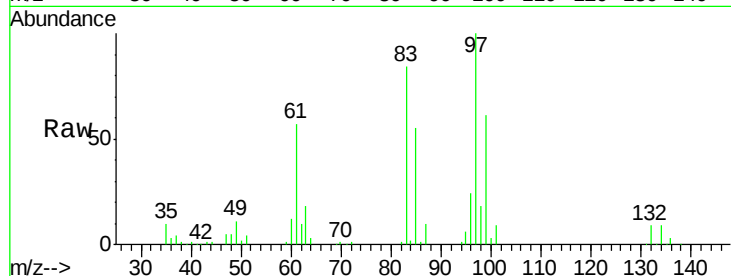
85 55.3 43.6 65.4

99 61.0 47.1 70.7

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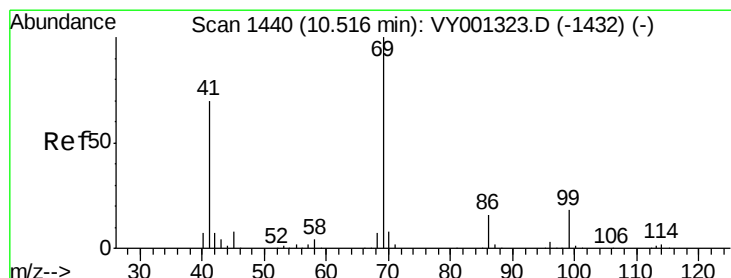
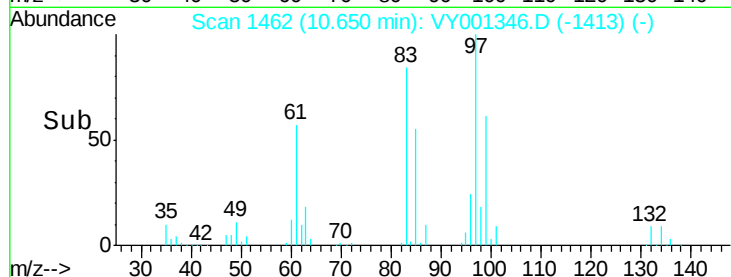
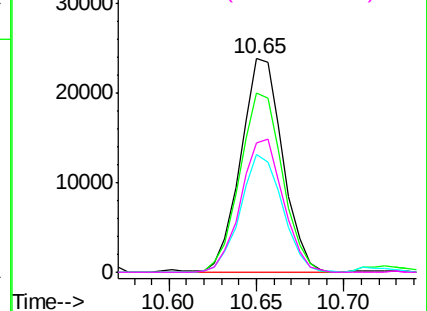


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 19.051 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

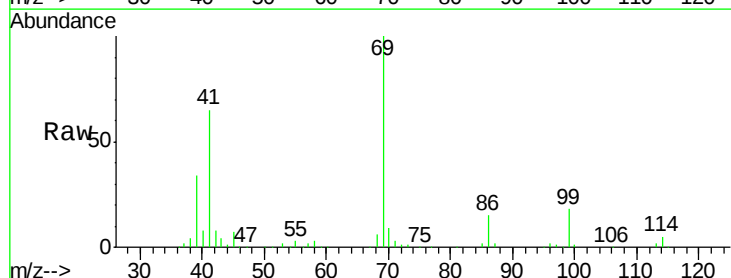
Tgt Ion: 69 Resp: 58347

Ion Ratio Lower Upper

69 100

41 66.1 54.1 81.1

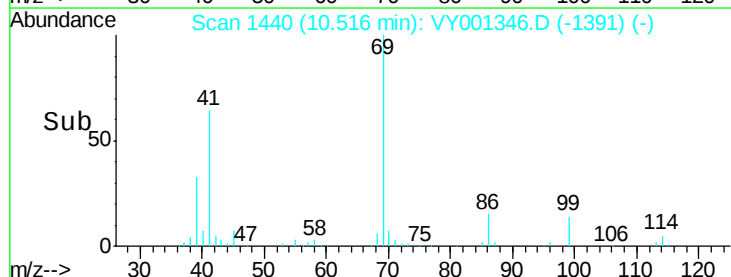
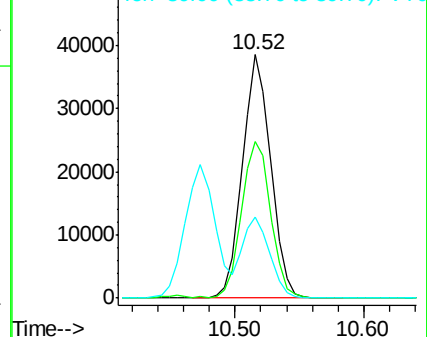
39 32.3 26.8 40.2

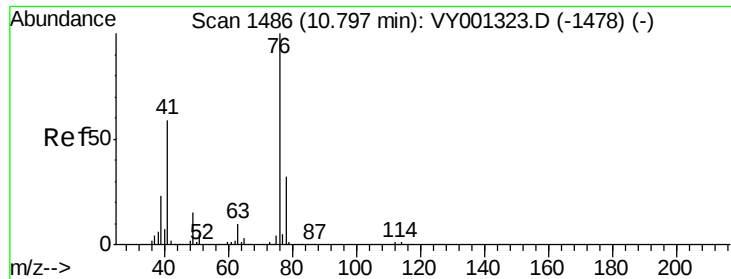


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 19.728 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion: 76 Resp: 69635

Ion Ratio Lower Upper

76 100

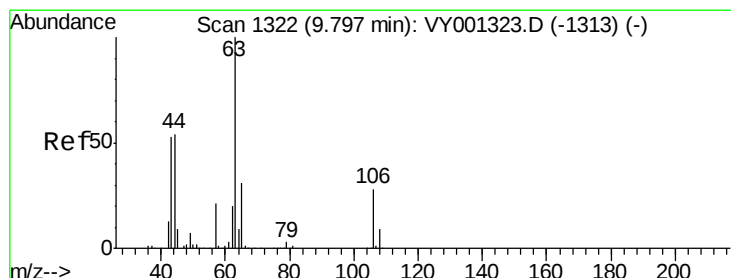
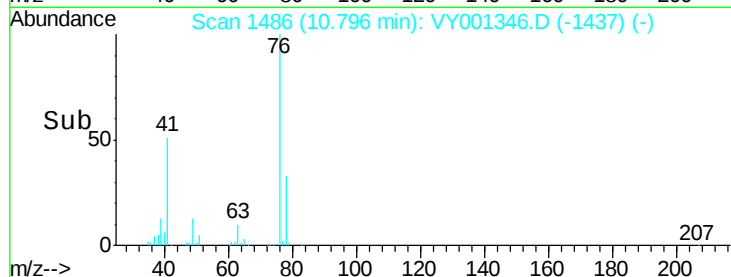
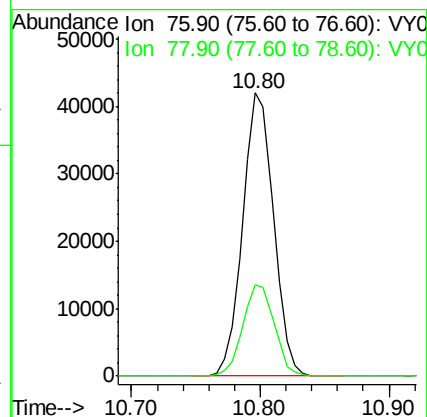
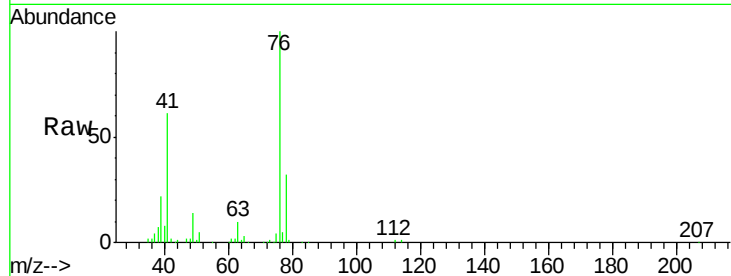
78 32.8 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 98.061 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY001346.D

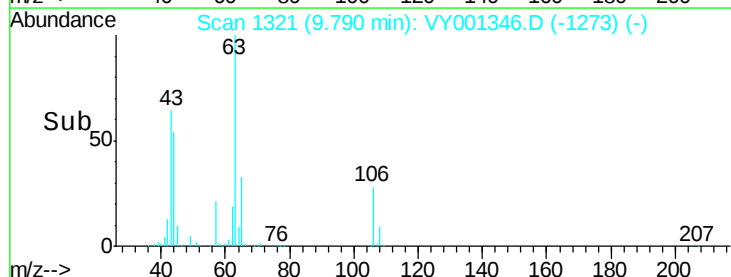
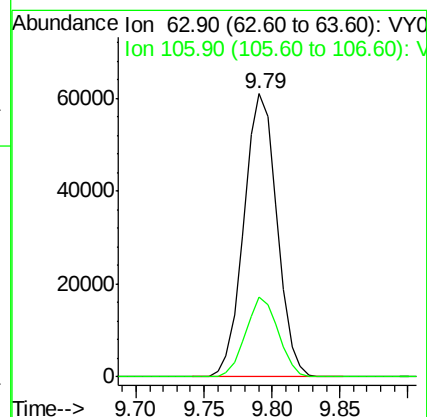
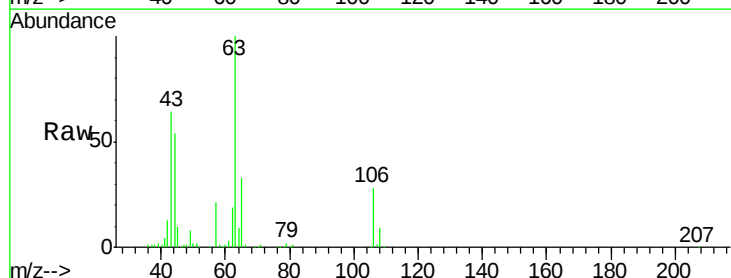
Acq: 23 Jan 2020 12:23

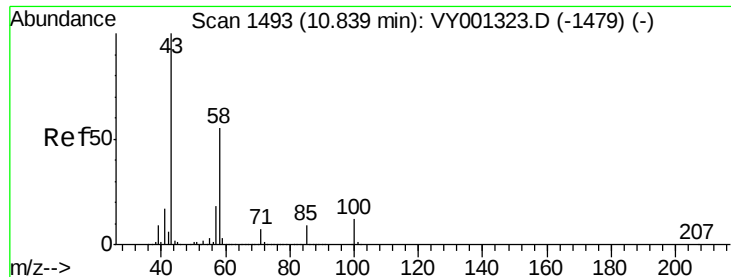
Tgt Ion: 63 Resp: 103922

Ion Ratio Lower Upper

63 100

106 27.9 22.5 33.7





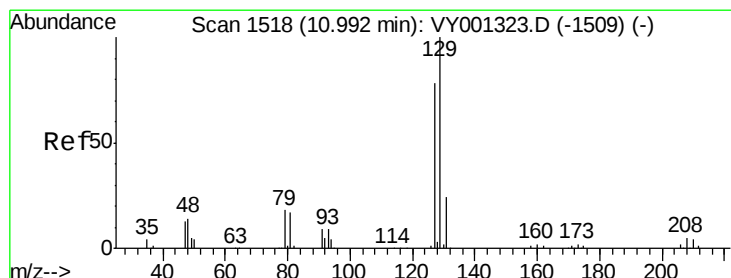
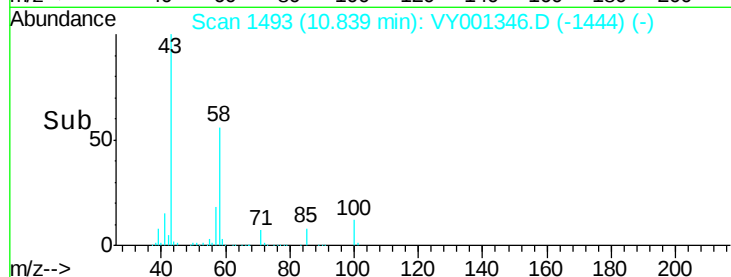
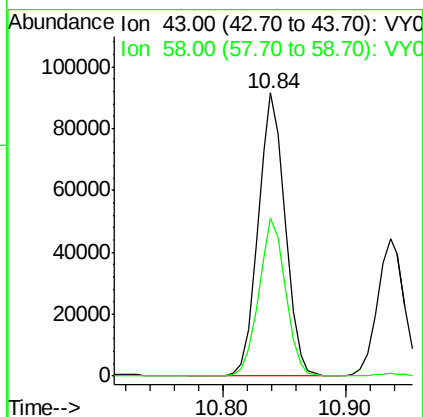
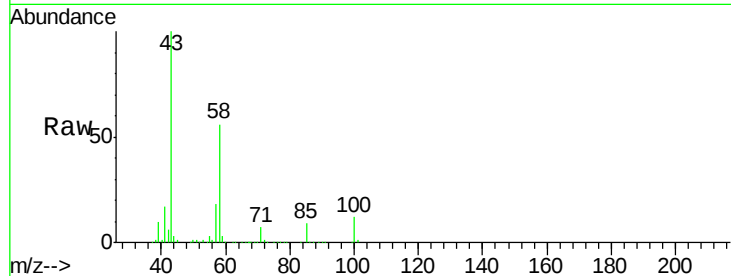
#59
2-Hexanone
Concen: 98.103 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion: 43 Resp: 140969
Ion Ratio Lower Upper
43 100
58 55.3 27.6 82.8

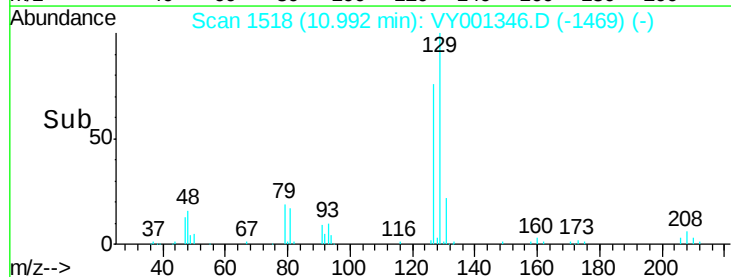
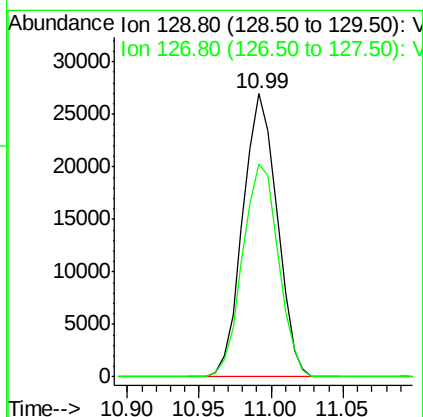
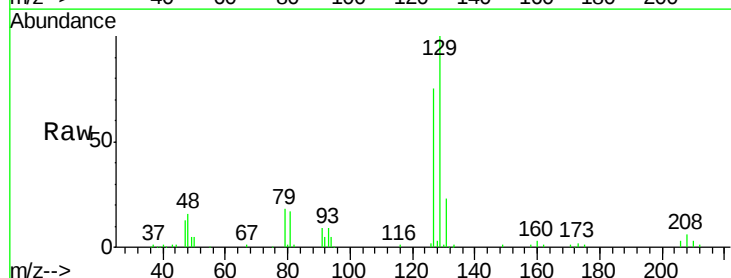
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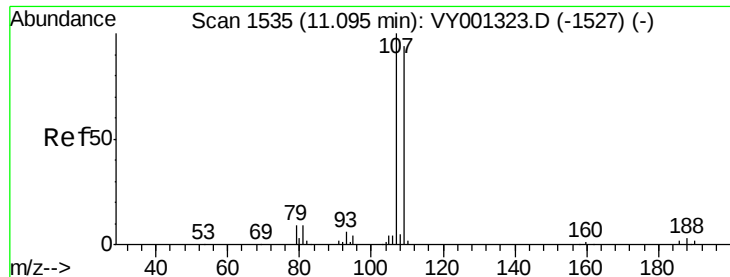
MMDadoda
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#60
Dibromochloromethane
Concen: 19.672 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion: 129 Resp: 44583
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4





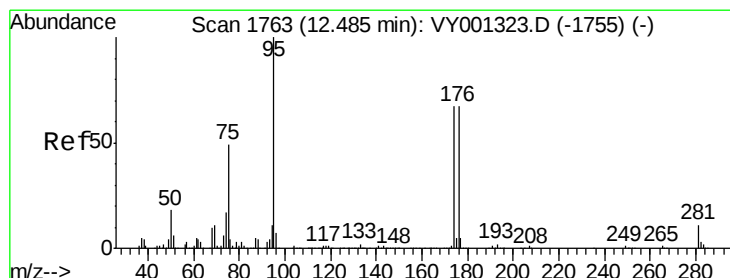
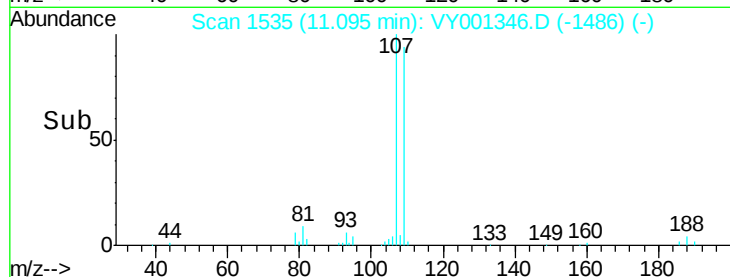
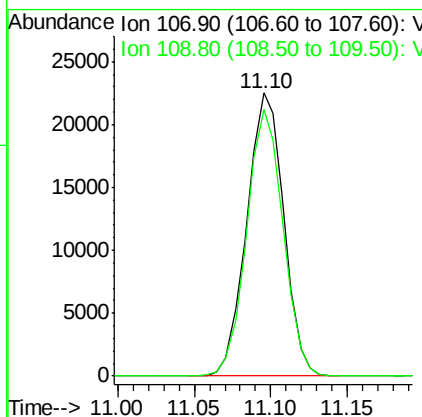
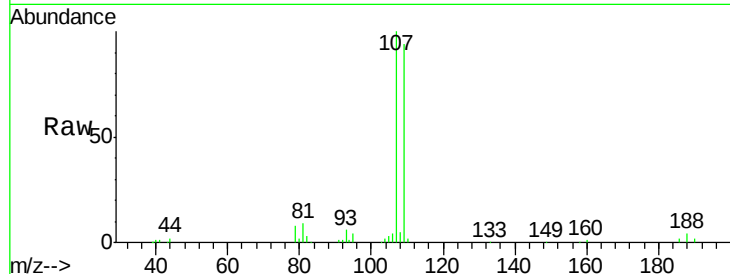
#61
1,2-Dibromoethane
Concen: 19.767 ug/l
RT: 11.10 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	75.0	112.6

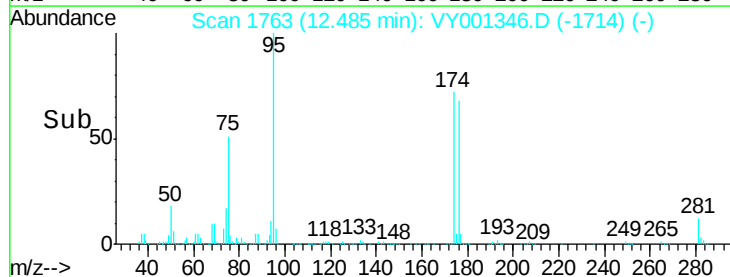
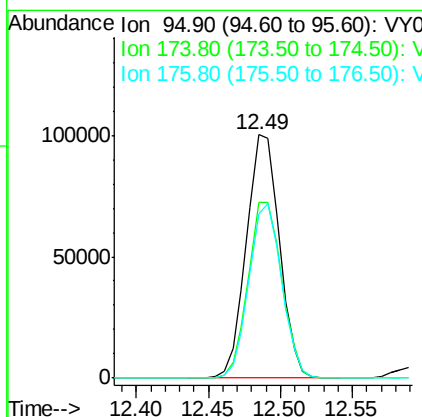
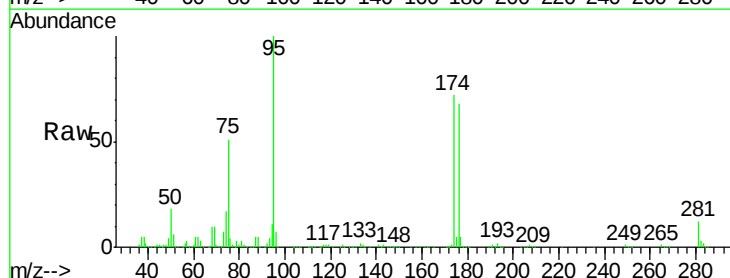
Manual Integrations
APPROVED

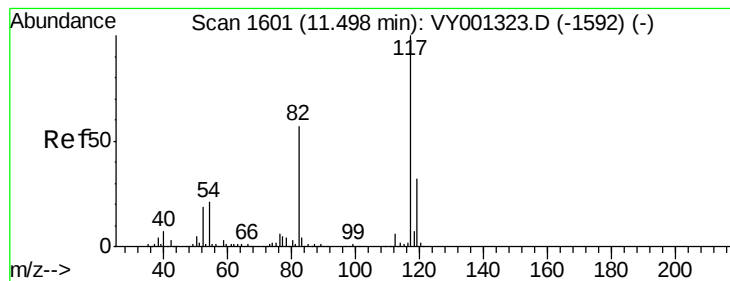
MMDadoda
1/24/2020 4:03:28 PM



#62
4-Bromofluorobenzene
Concen: 49.042 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	142.0
176	70.6	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: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

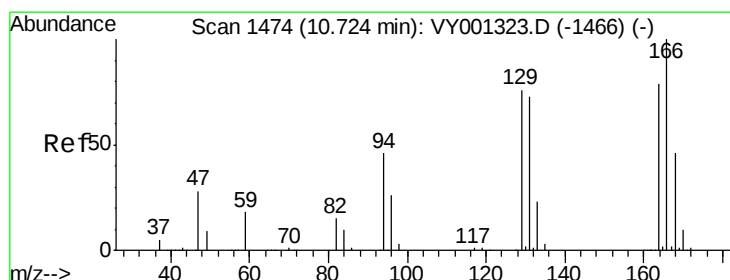
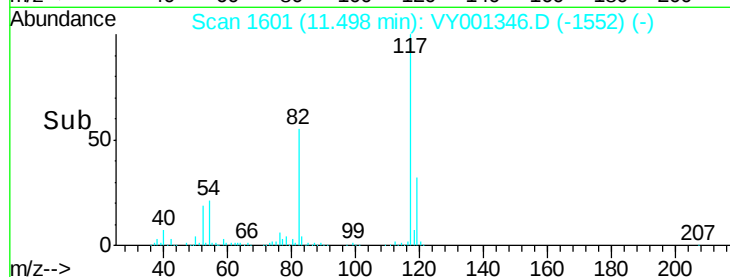
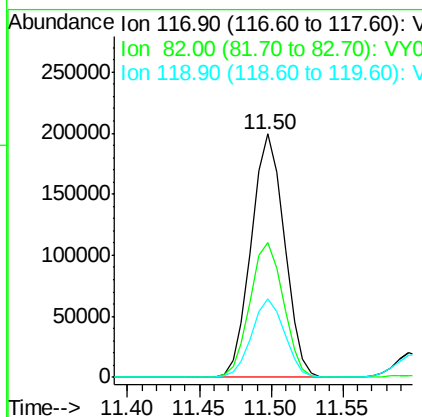
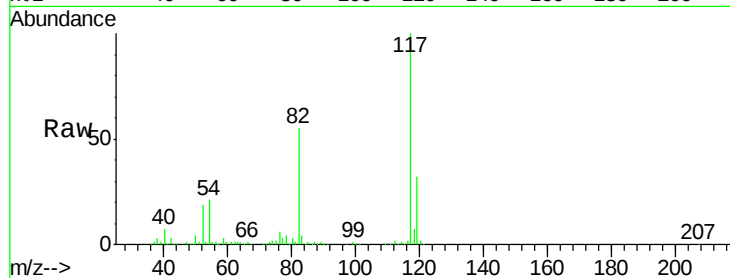
ClientSampleId :

VY0123SBS01

Tot Ion:	117	Resp:	317161
Ion Ratio	Lower	Upper	
117	100		
82	55.5	45.5	68.3
119	32.3	25.8	38.6

Manual Integrations
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#64

Tetrachloroethene

Concen: 20.676 ug/l

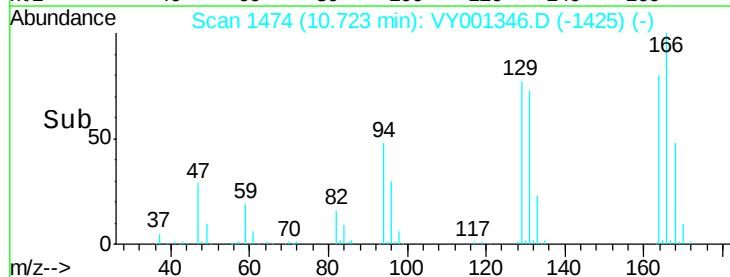
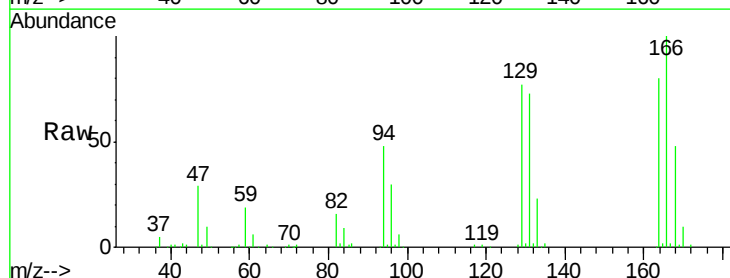
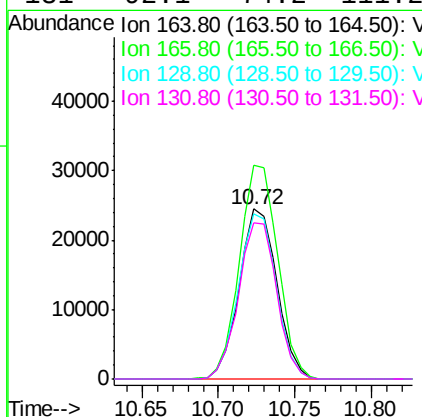
RT: 10.72 min Scan# 1474

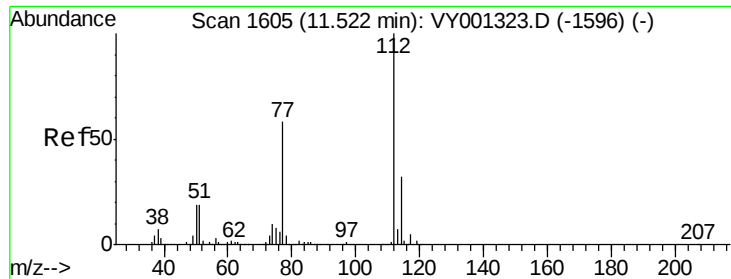
Delta R.T. -0.00 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Tgt Ion:	164	Resp:	41887
Ion Ratio	Lower	Upper	
164	100		
166	125.7	101.8	152.8
129	97.2	77.1	115.7
131	92.1	74.2	111.2





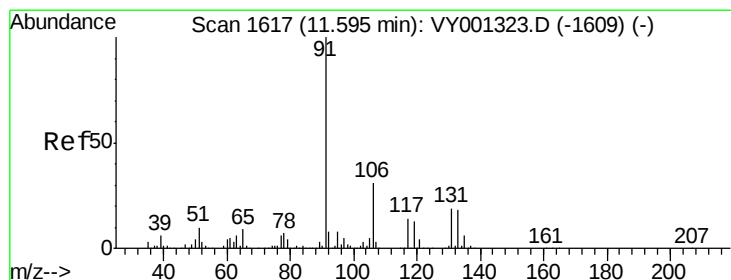
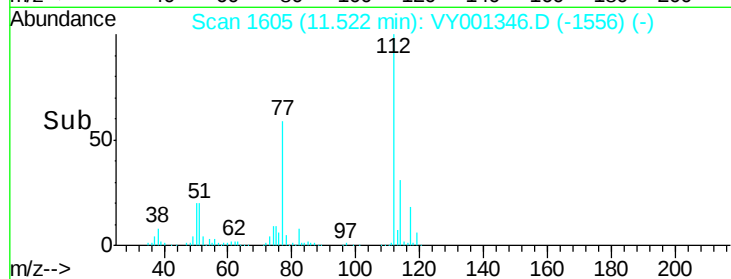
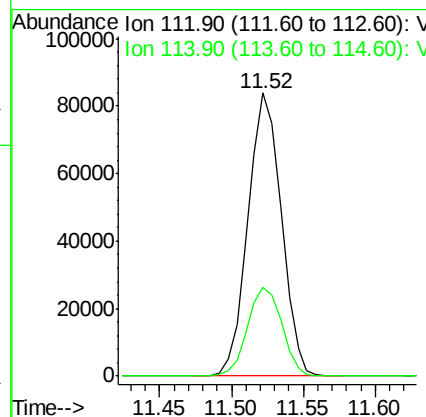
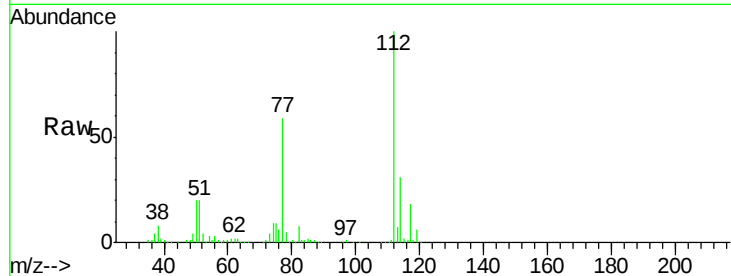
#65
Chlorobenzene
Concen: 20.121 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.8	38.6

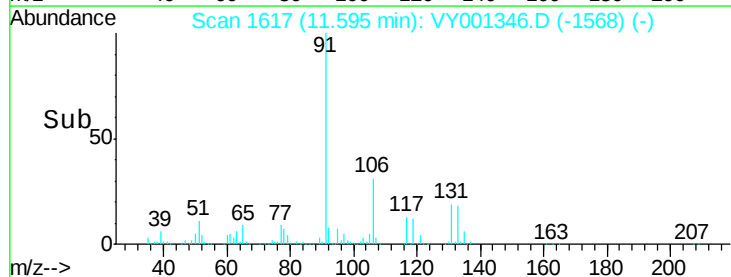
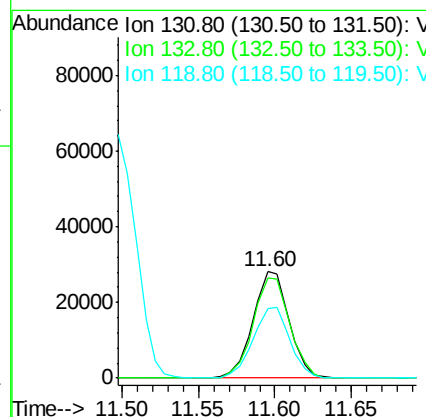
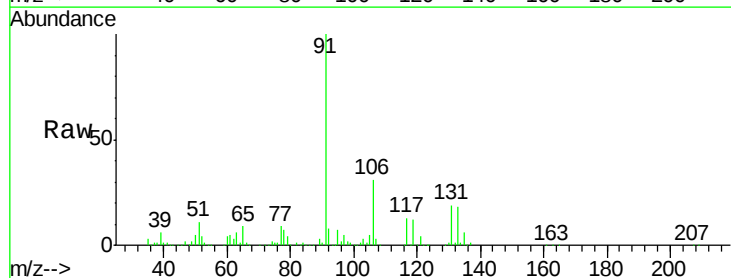
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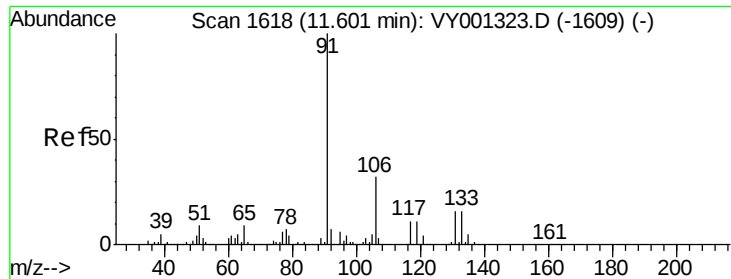
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.237 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.1	141.3
119	67.5	34.1	102.2





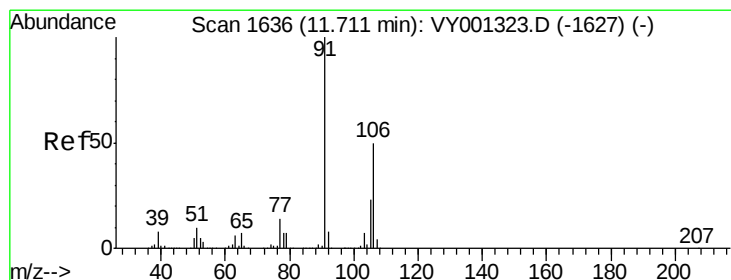
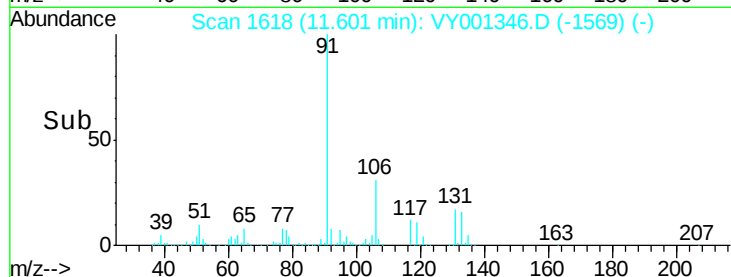
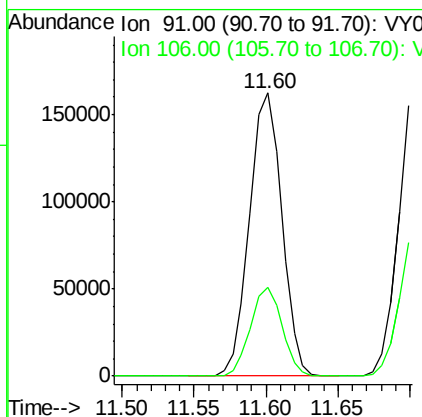
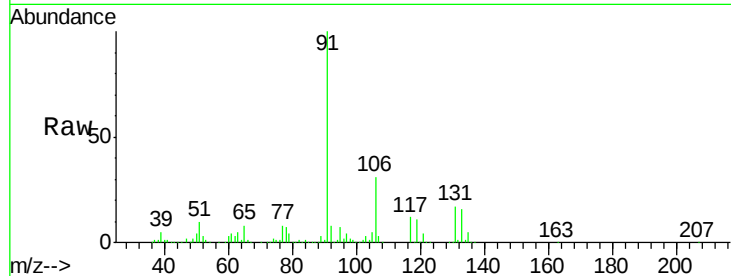
#67
Ethyl Benzene
Concen: 20.517 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion: 91 Resp: 252775
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0

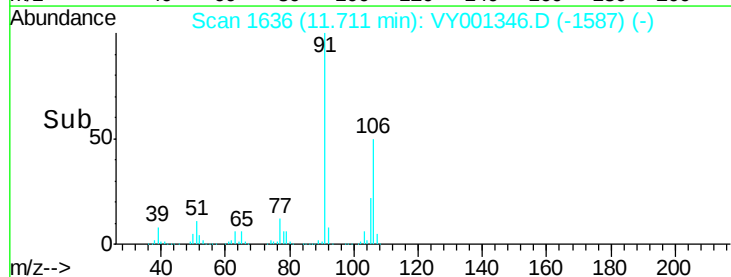
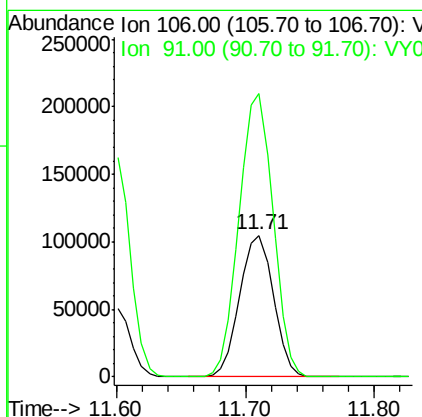
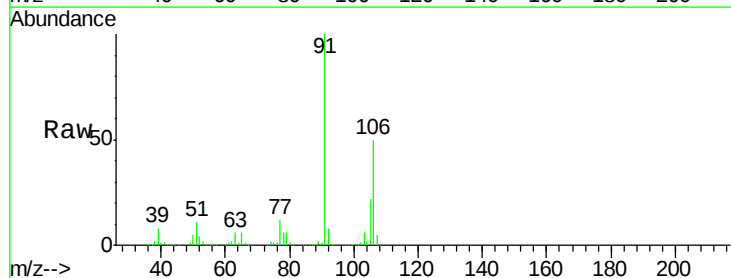
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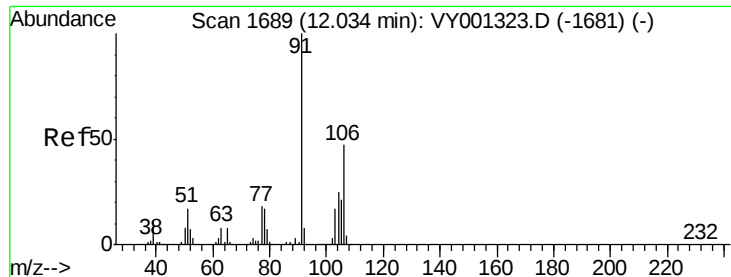
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#68
m/p-Xylenes
Concen: 41.451 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion: 106 Resp: 190735
Ion Ratio Lower Upper
106 100
91 201.6 162.8 244.2





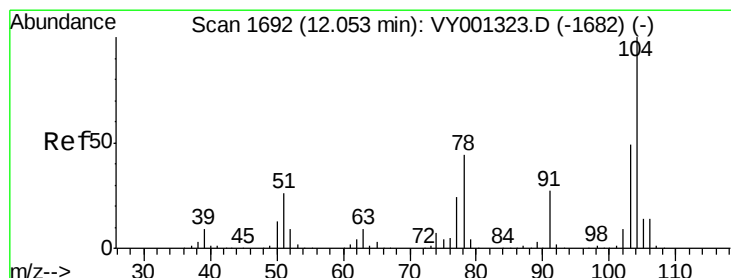
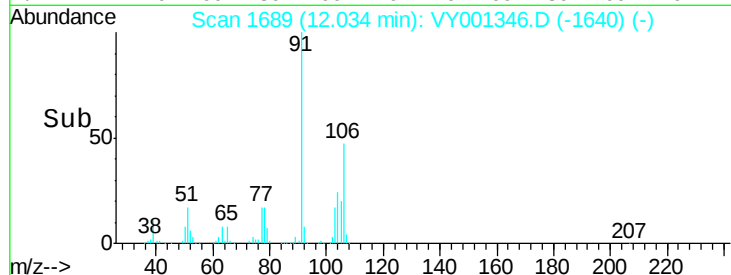
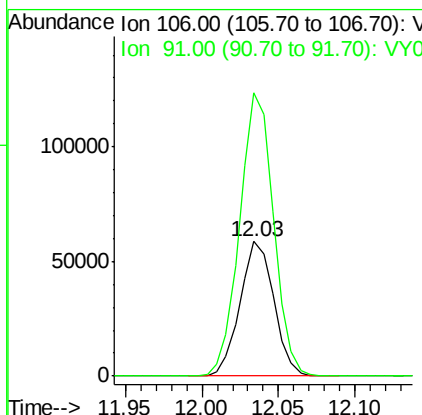
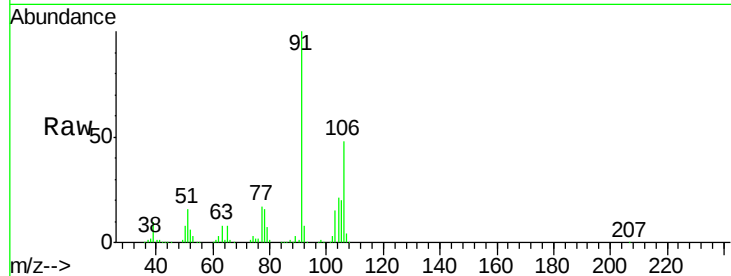
#69
o-Xylene
Concen: 20.412 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion:106 Resp: 90356
Ion Ratio Lower Upper
106 100
91 210.1 106.3 319.0

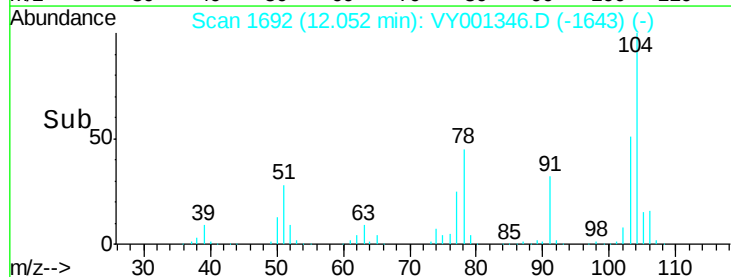
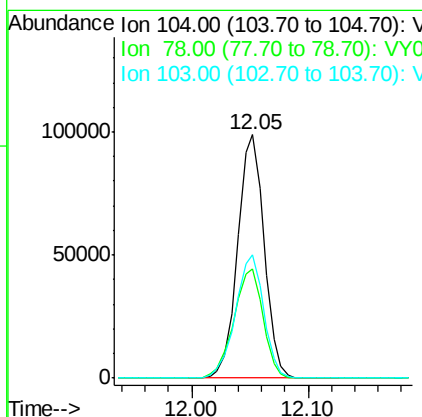
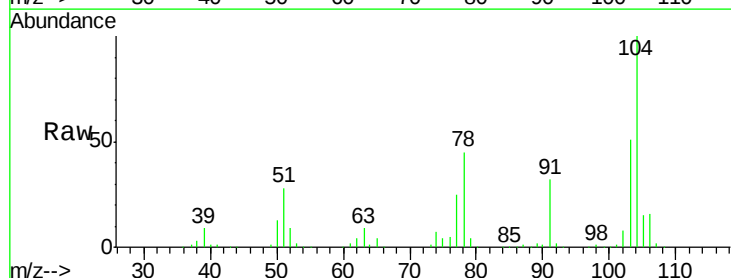
Manual Integrations
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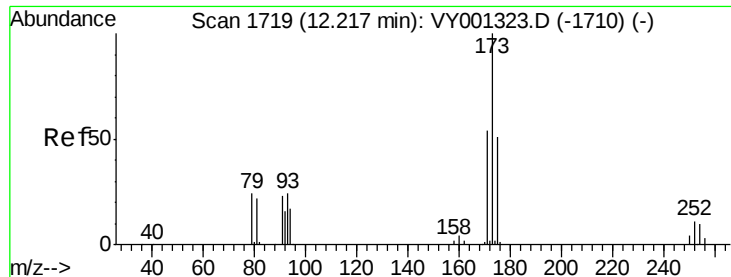
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#70
Styrene
Concen: 20.154 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion:104 Resp: 156530
Ion Ratio Lower Upper
104 100
78 49.5 39.8 59.8
103 54.2 43.2 64.8





#71

Bromoform

Concen: 19.065 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion:173 Resp: 25964

Ion Ratio Lower Upper

173 100

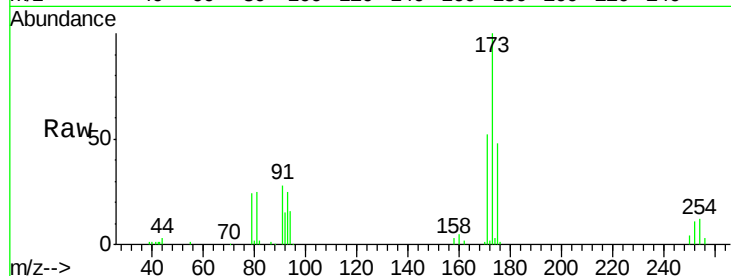
175 49.6 24.3 72.9

254 0.0 0.0 0.0

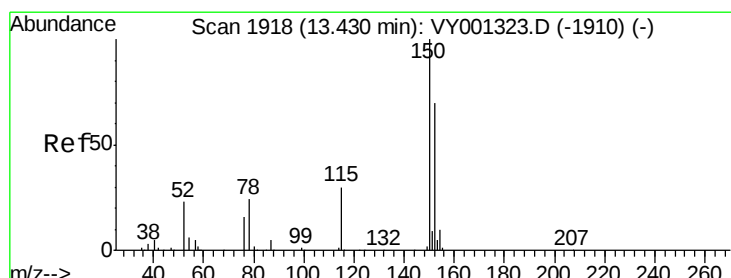
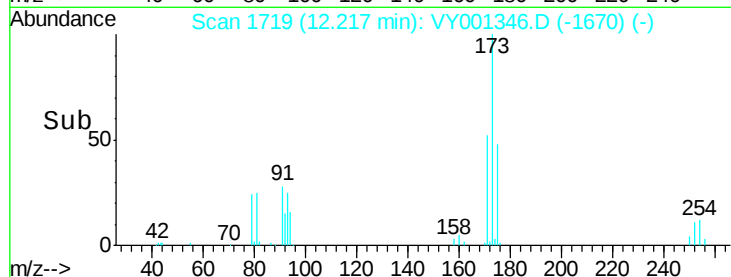
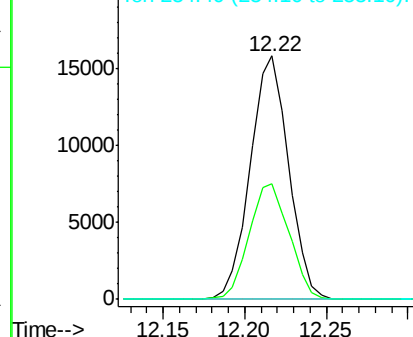
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

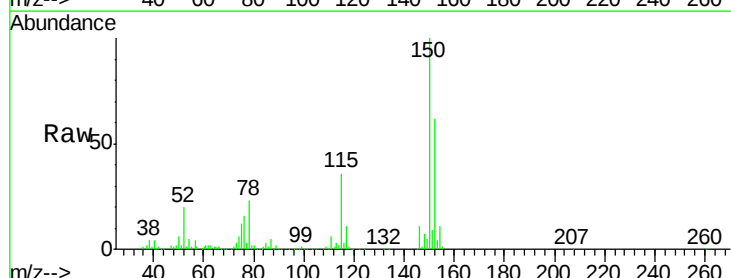
Tgt Ion:152 Resp: 150406

Ion Ratio Lower Upper

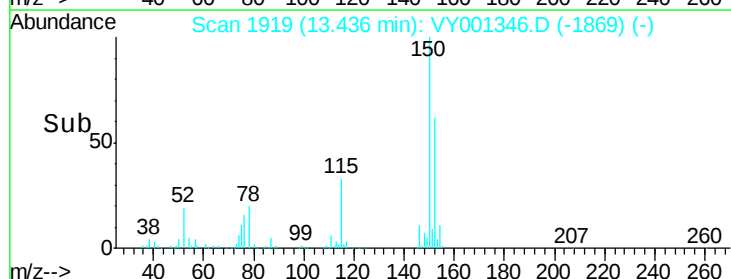
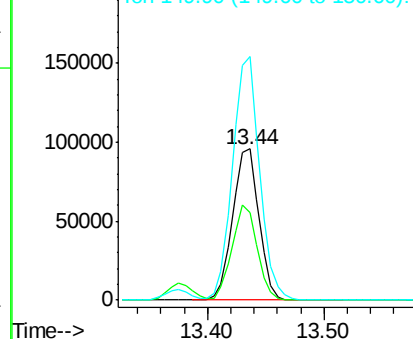
152 100

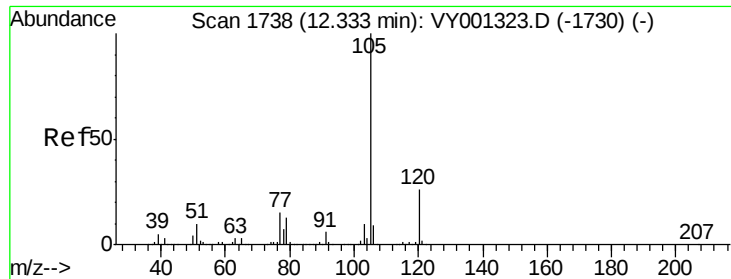
115 60.5 30.9 92.8

150 165.9 0.0 349.2



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





#73

Isopropylbenzene

Concen: 20.677 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion: 105 Resp: 245406

Ion Ratio Lower Upper

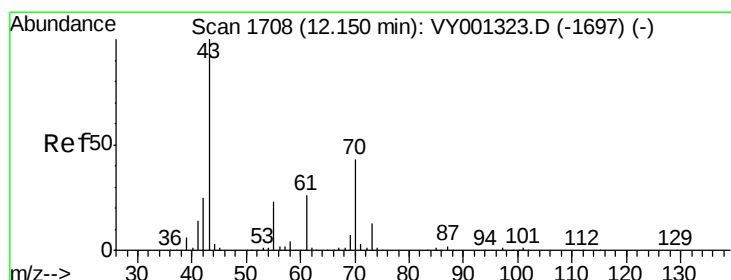
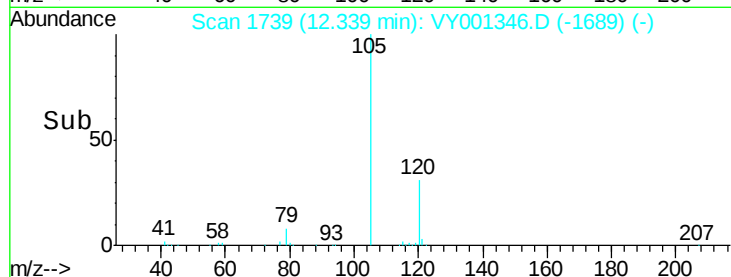
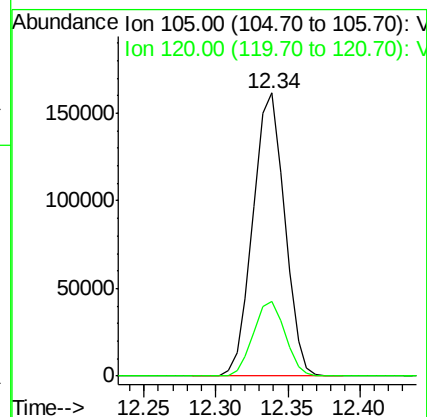
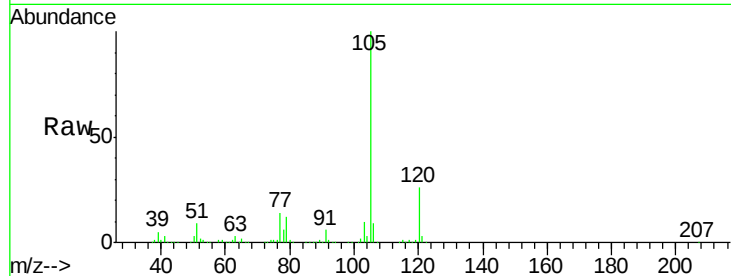
105 100

120 26.7 13.5 40.4

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.344 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Tgt Ion: 43 Resp: 75151

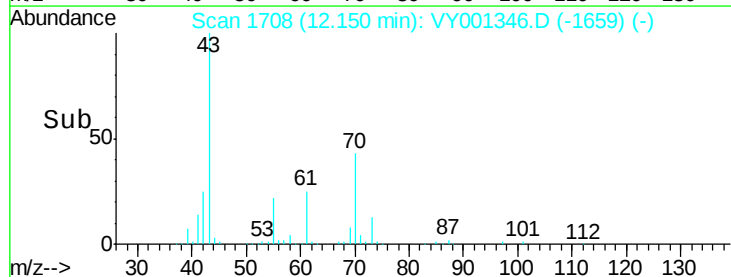
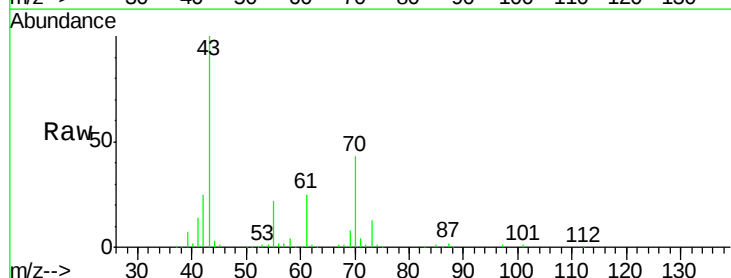
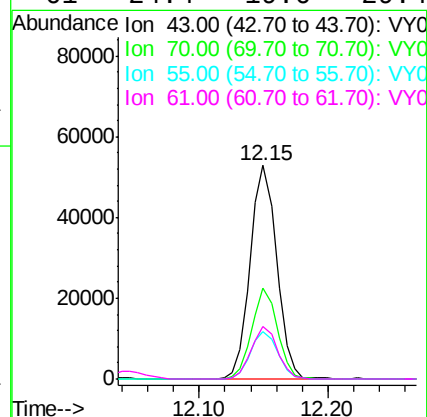
Ion Ratio Lower Upper

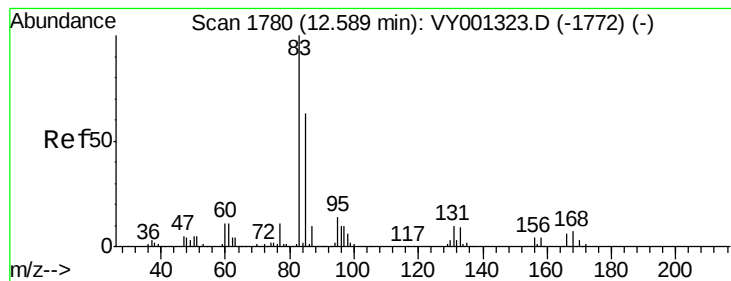
43 100

70 41.1 33.5 50.3

55 22.8 18.2 27.2

61 24.4 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.287 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

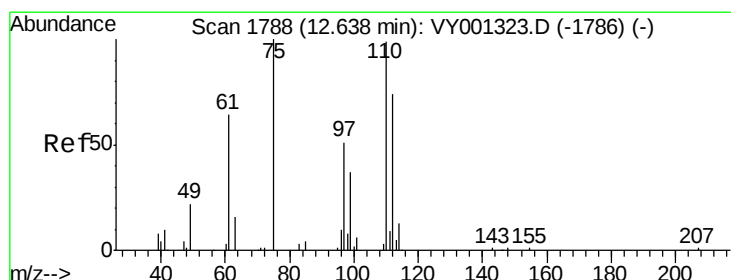
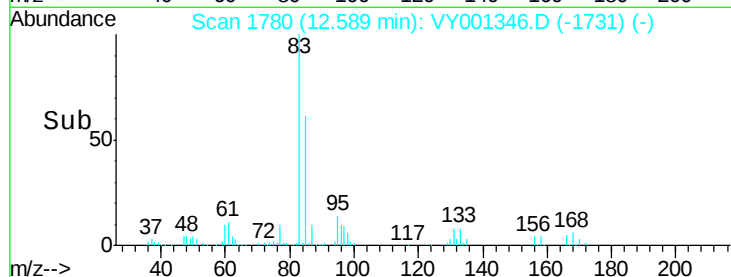
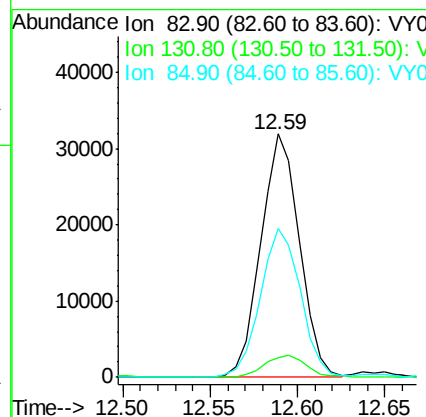
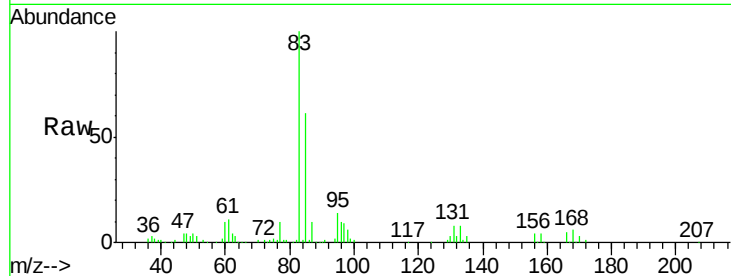
ClientSampleId :

VY0123SBS01

Tot Ion:	83	Resp:	49024
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.6
85	63.6	31.4	94.3

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#76

1,2,3-Trichloropropane

Concen: 16.080 ug/l m

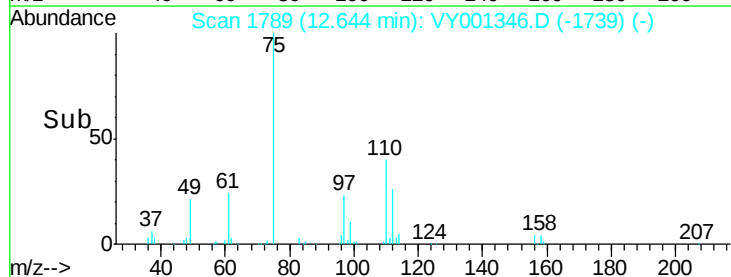
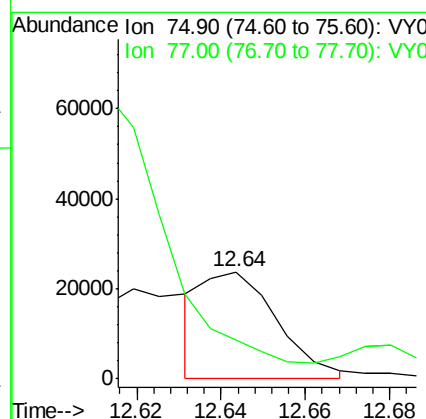
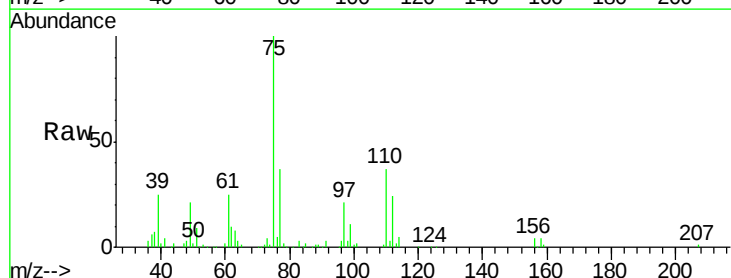
RT: 12.64 min Scan# 1789

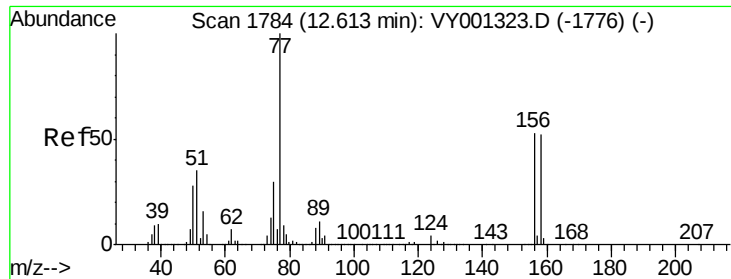
Delta R.T. 0.01 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Tgt Ion:	75	Resp:	29143
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





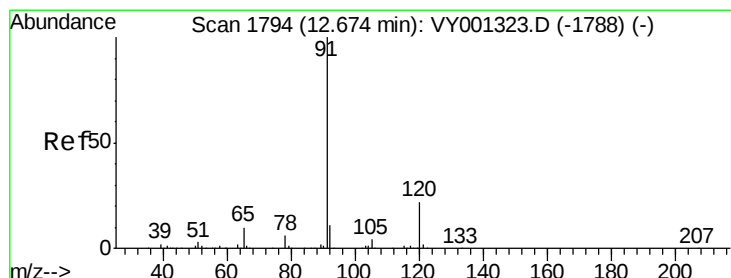
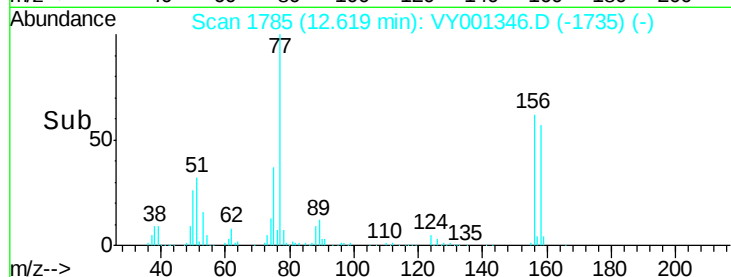
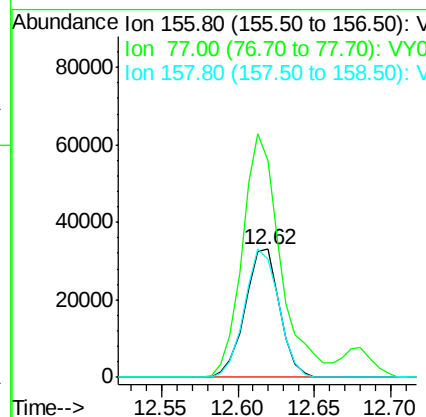
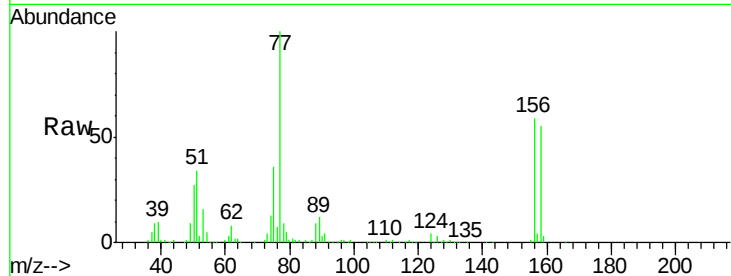
#77
Bromobenzene
Concen: 19.756 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	210.8	104.7	313.9
158	99.9	48.6	145.8

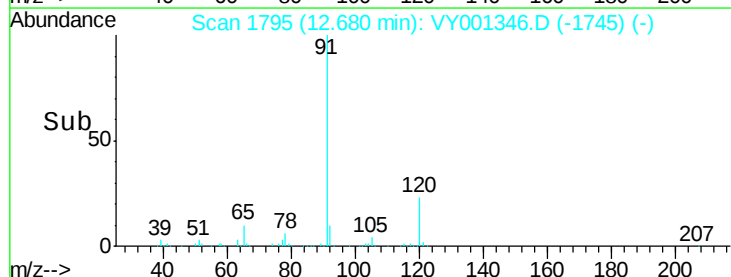
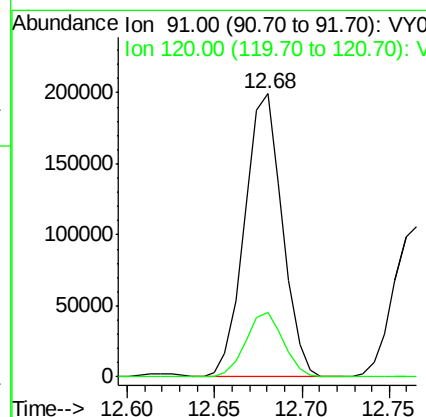
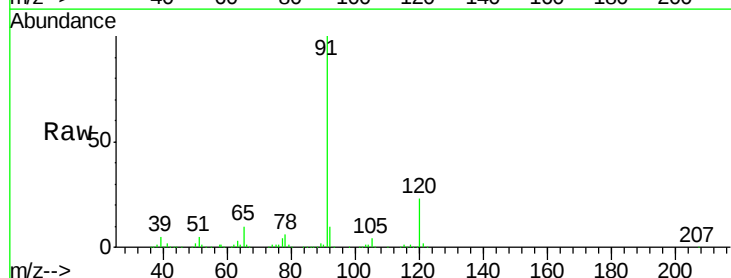
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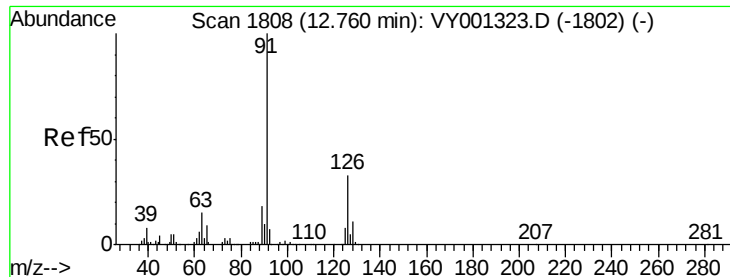
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#78
n-propylbenzene
Concen: 20.866 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.01 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.3	33.8





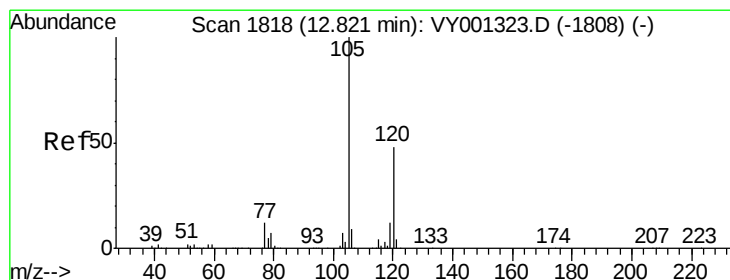
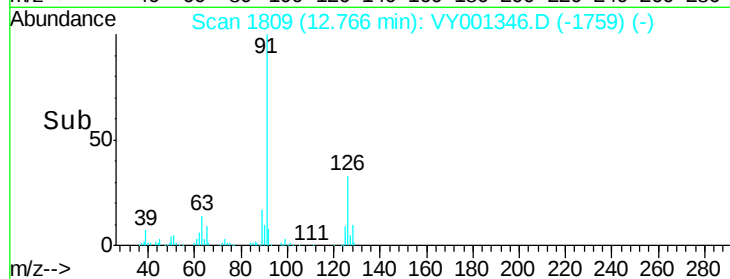
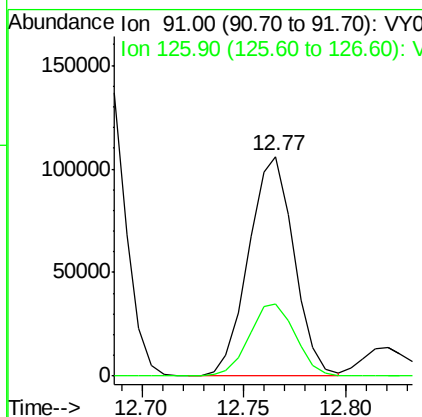
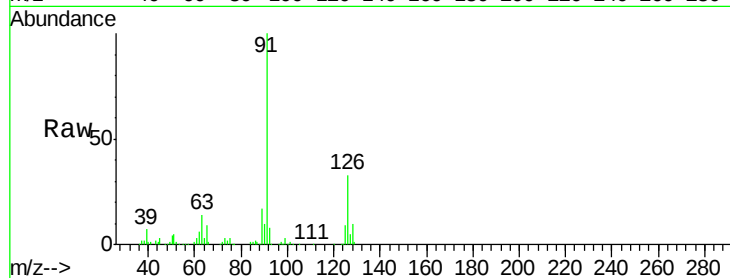
#79
 2-Chlorotoluene
 Concen: 20.099 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001346.D
 Acq: 23 Jan 2020 12:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.6	49.7

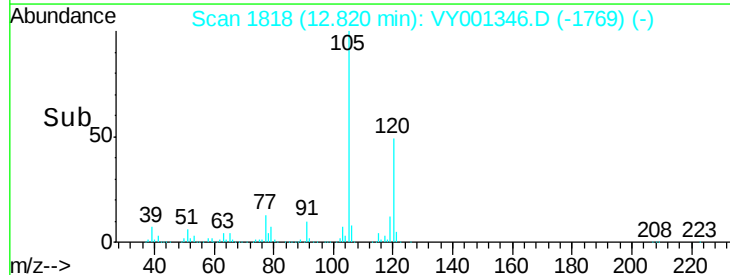
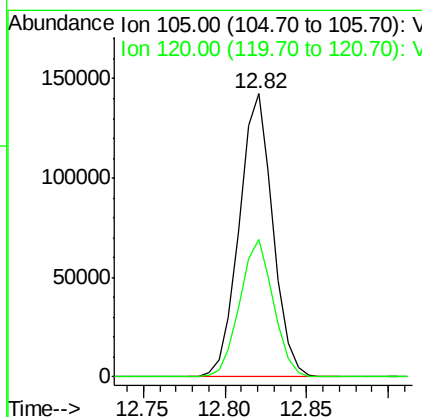
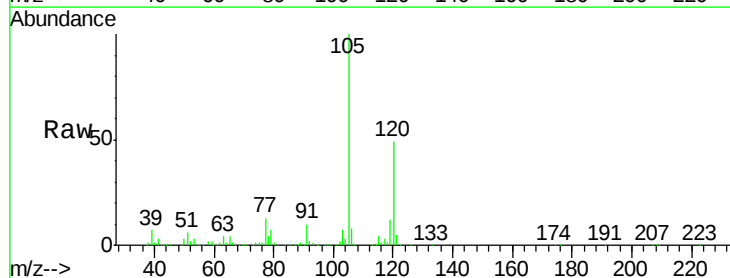
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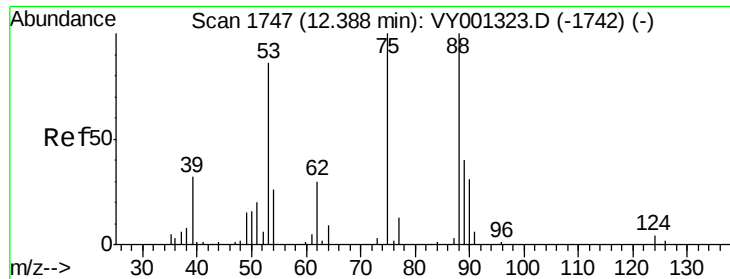
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.604 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001346.D
 Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.3	72.9





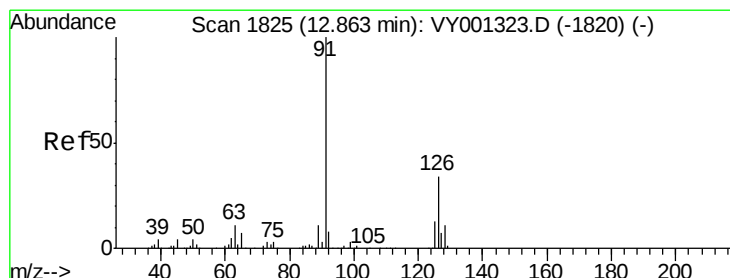
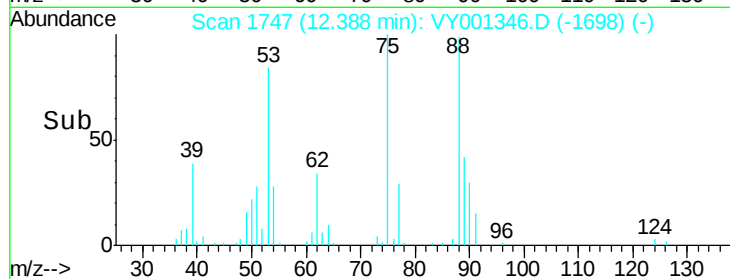
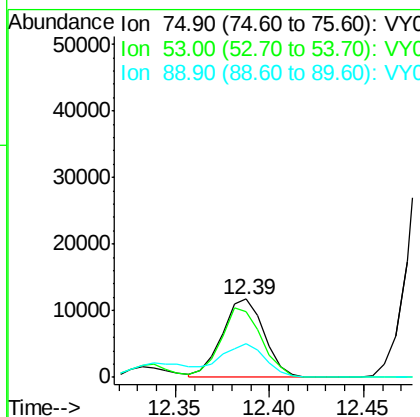
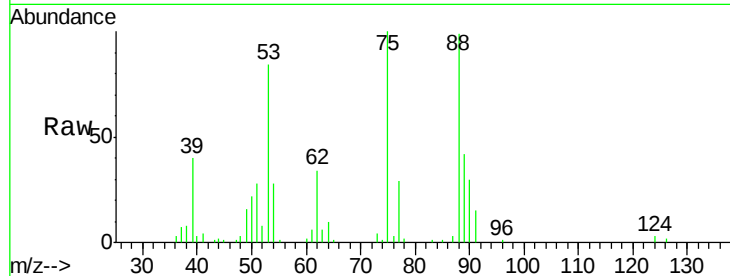
#81
trans-1,4-Dichloro-2-butene
Concen: 18.997 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.2	69.9	104.9
89	44.1	36.6	54.8

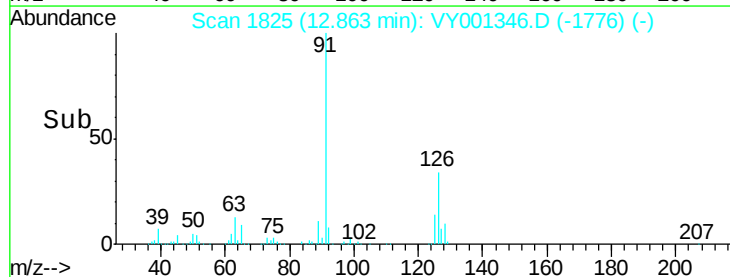
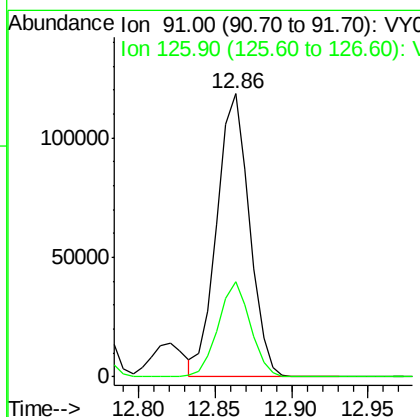
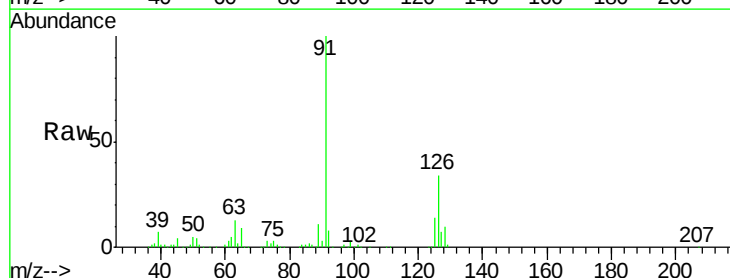
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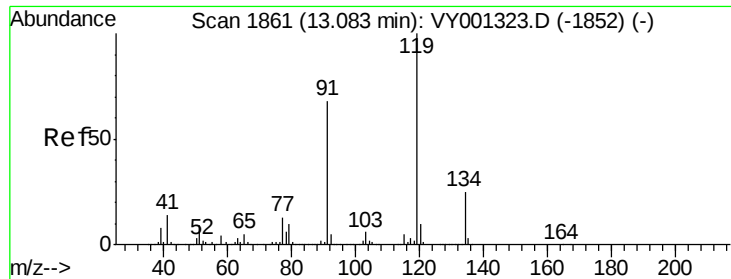
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.124 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4





#83

tert-Butylbenzene

Concen: 20.639 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

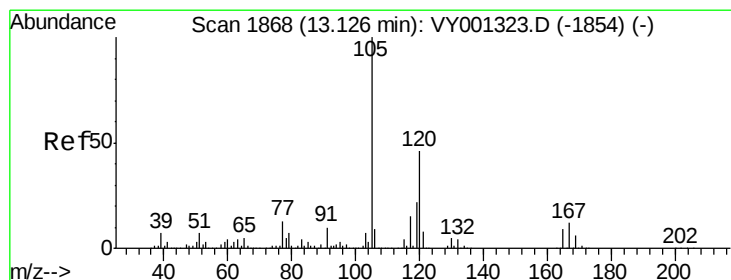
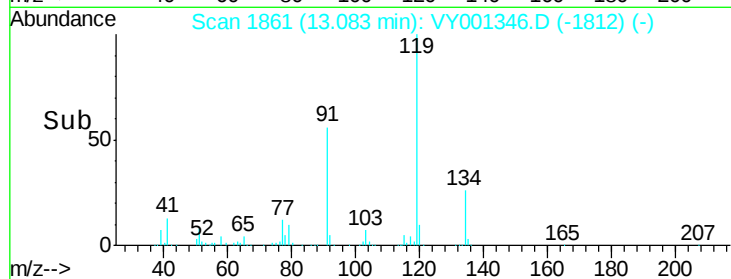
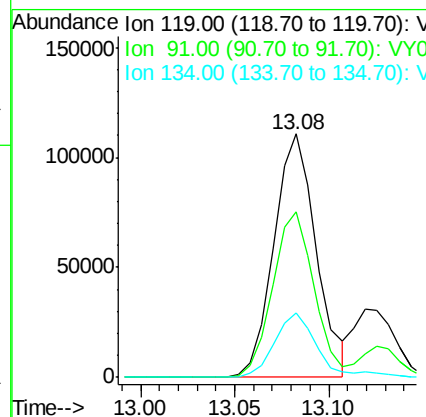
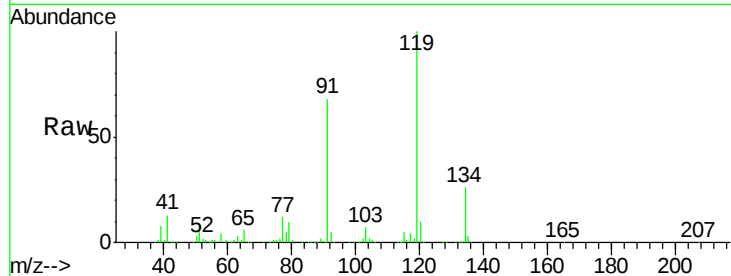
Instrument :
MSVOA_Y

ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.5	33.0	99.0
134	26.9	13.3	39.9

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#84

1,2,4-Trimethylbenzene

Concen: 20.516 ug/l

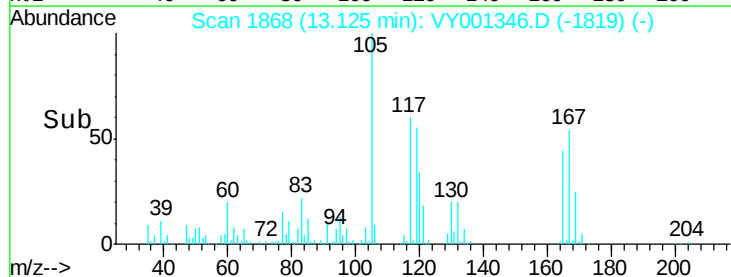
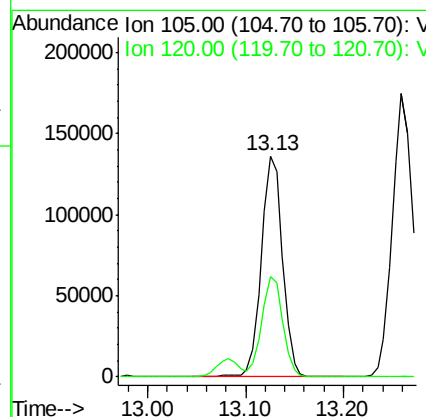
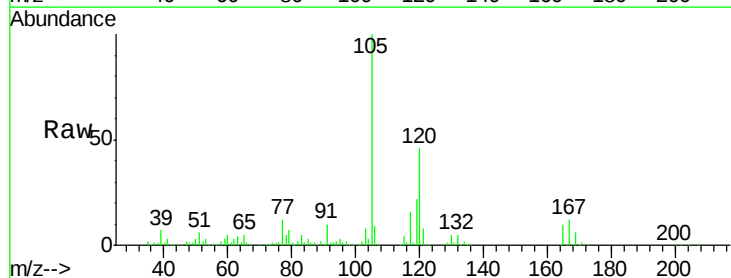
RT: 13.13 min Scan# 1868

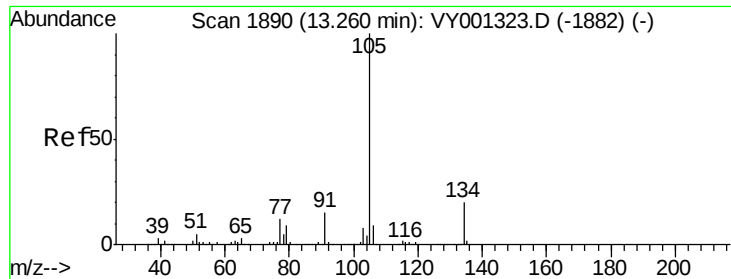
Delta R.T. -0.00 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.4	67.3





#85

sec-Butylbenzene

Concen: 21.267 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion:105 Resp: 252318

Ion Ratio Lower Upper

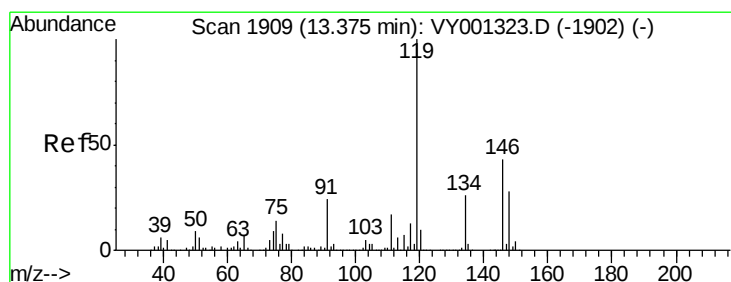
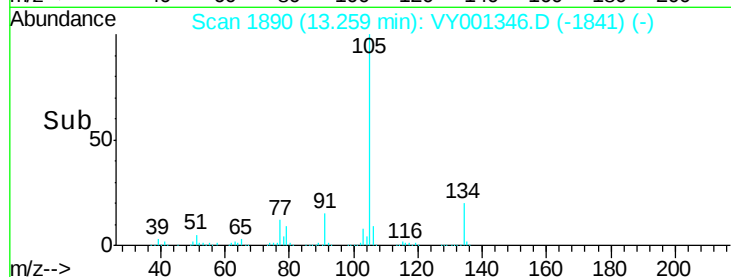
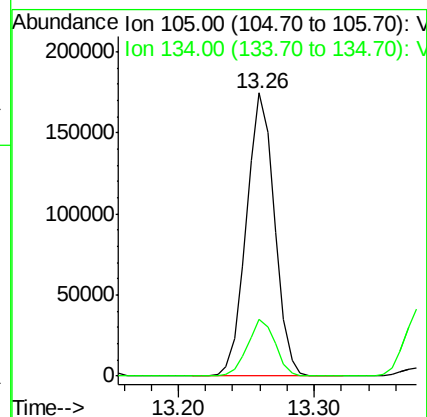
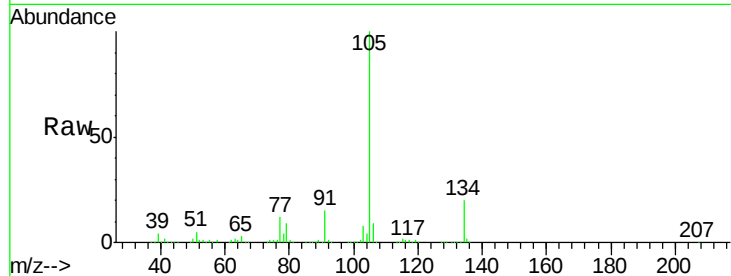
105 100

134 20.0 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 21.298 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

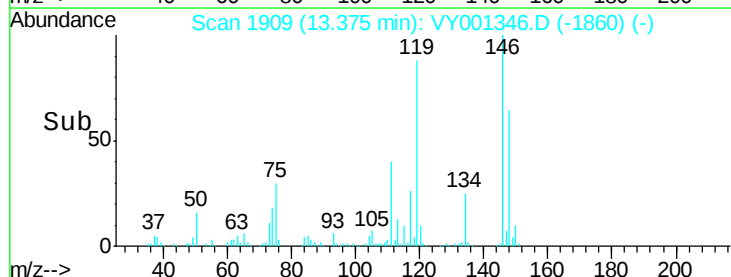
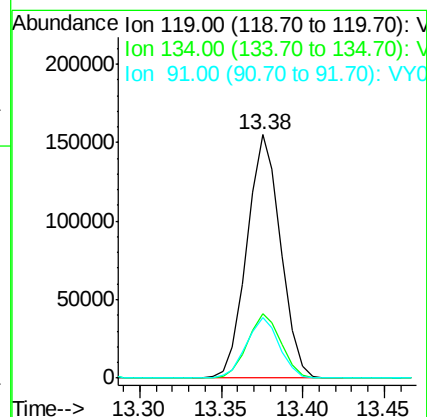
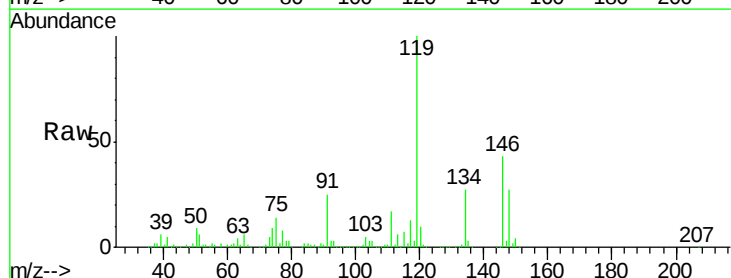
Tgt Ion:119 Resp: 222681

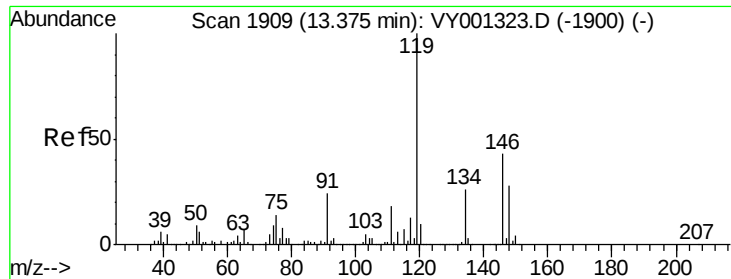
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 24.3 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.549 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Instrument :

MSVOA_Y

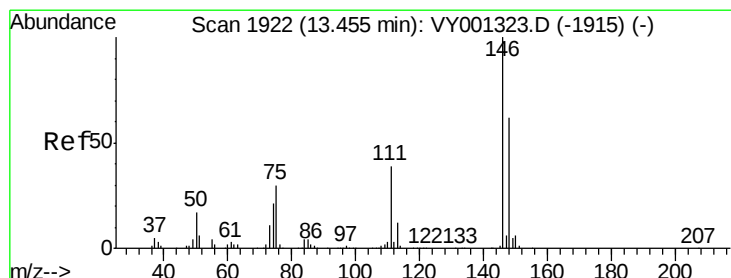
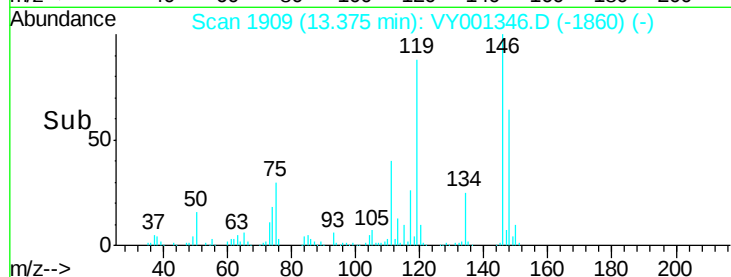
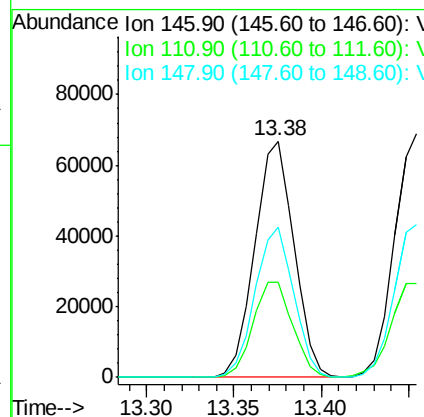
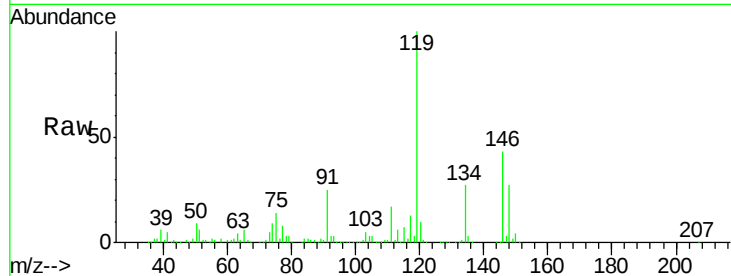
ClientSampleId :

VY0123SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.8
148	63.0	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 20.291 ug/l

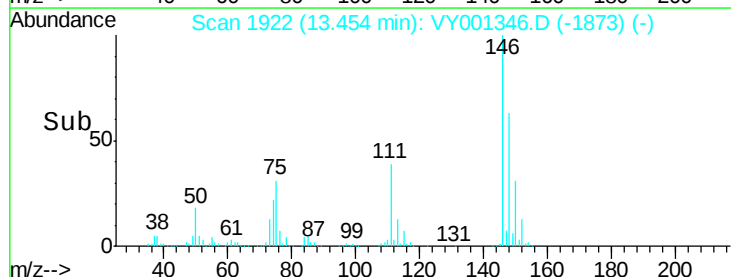
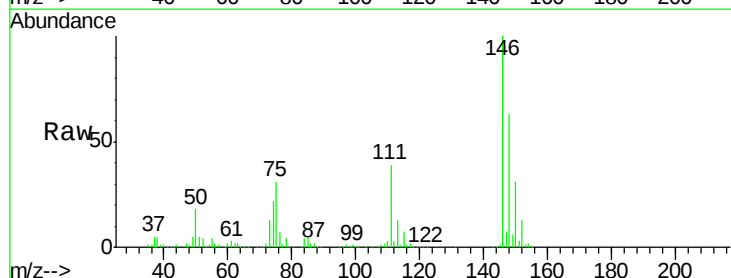
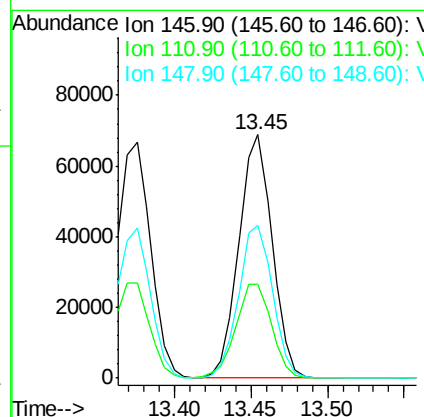
RT: 13.45 min Scan# 1922

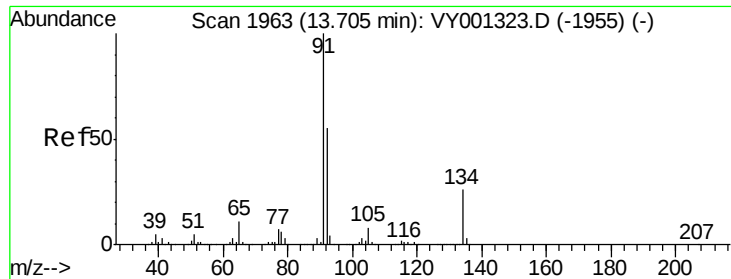
Delta R.T. -0.00 min

Lab File: VY001346.D

Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.5
148	64.2	31.6	95.0





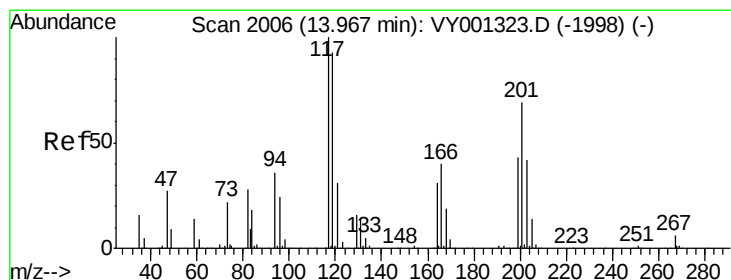
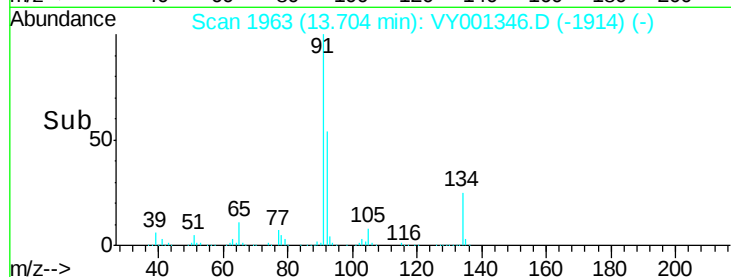
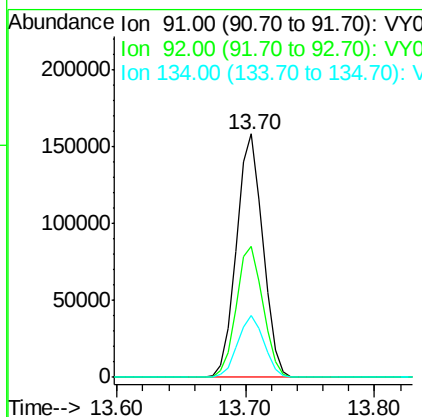
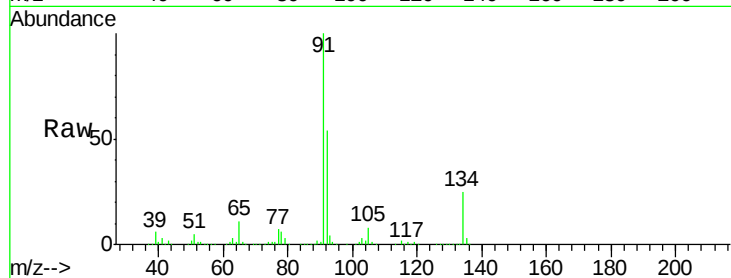
#89
n-Butylbenzene
Concen: 21.358 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.6	82.8
134	25.4	12.9	38.6

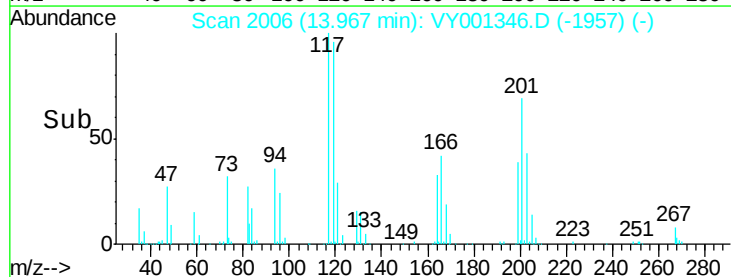
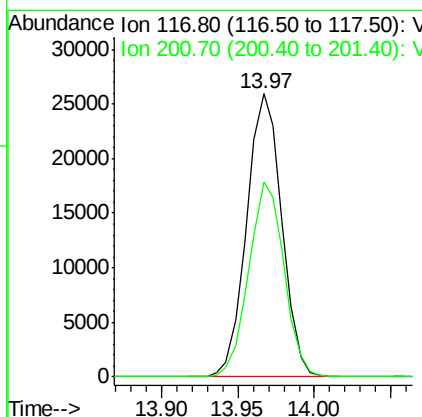
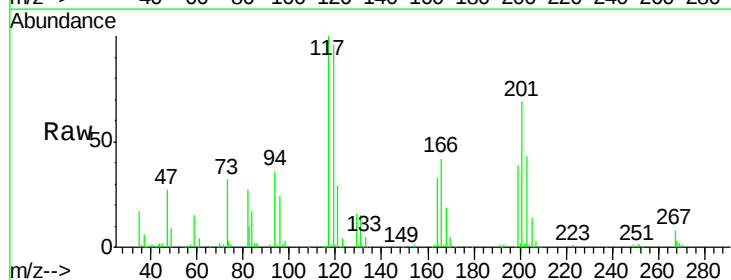
Manual Integrations
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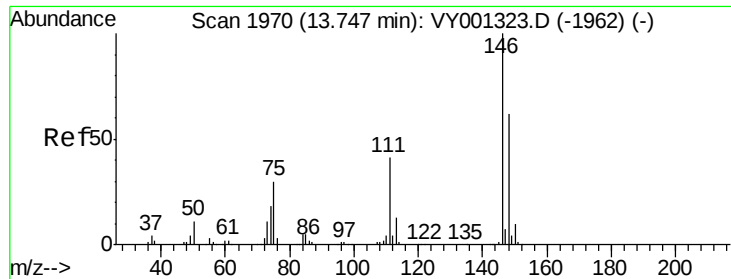
MMDadoda
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#90
Hexachloroethane
Concen: 20.882 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.2	34.6	103.8





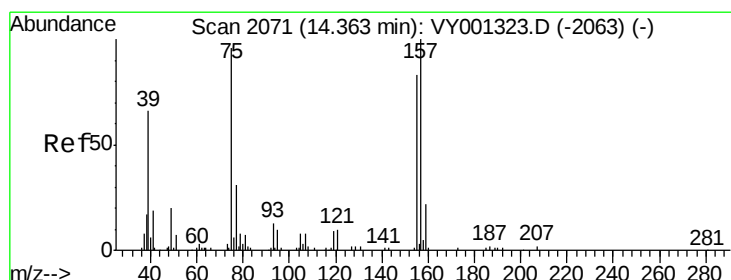
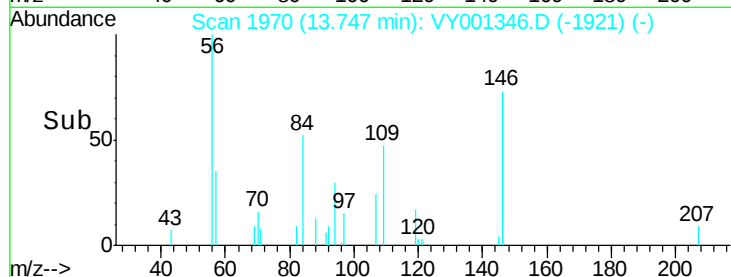
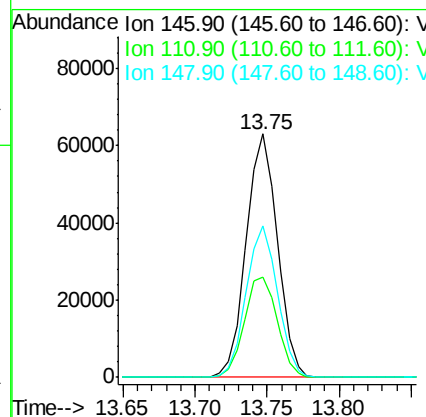
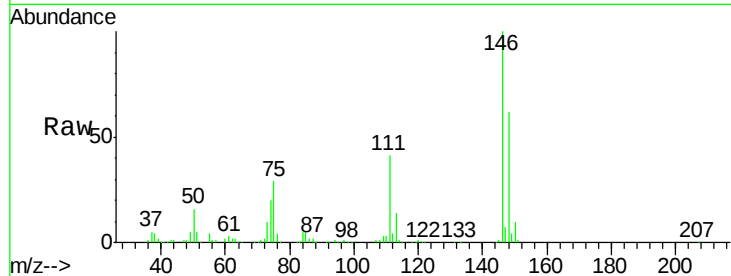
#91
 1,2-Dichlorobenzene
 Concen: 20.282 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001346.D
 Acq: 23 Jan 2020 12:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.1	63.4
148	62.3	31.5	94.5

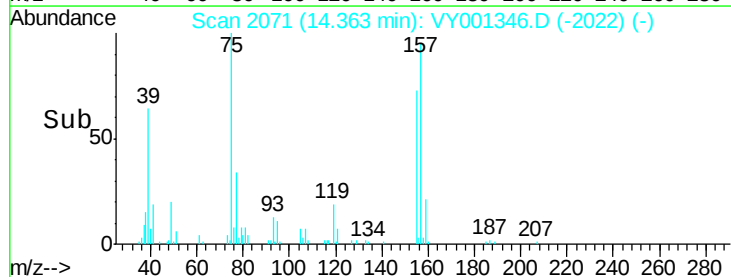
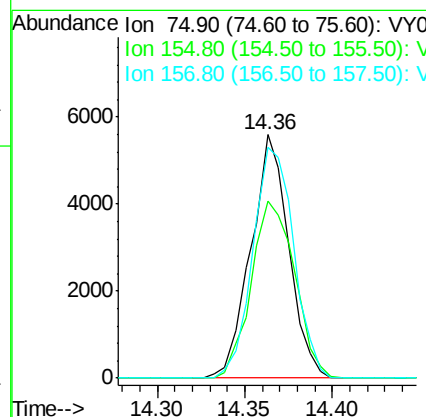
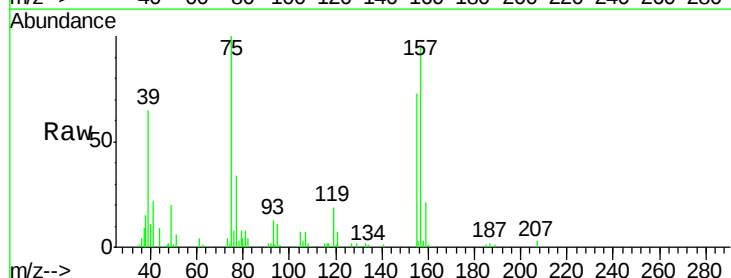
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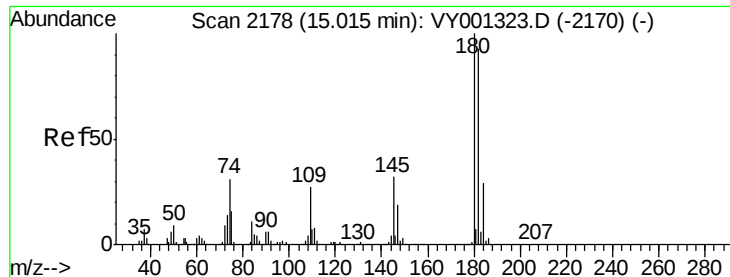
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.188 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001346.D
 Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.4	43.0	129.2
157	102.2	53.3	160.0





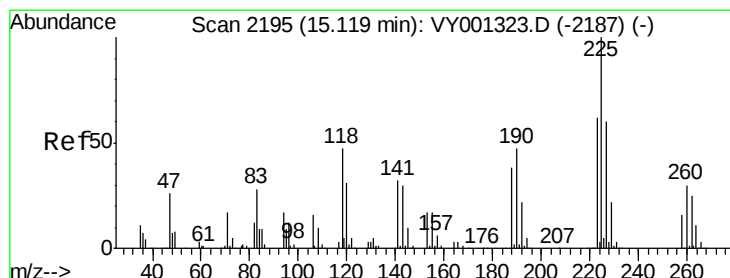
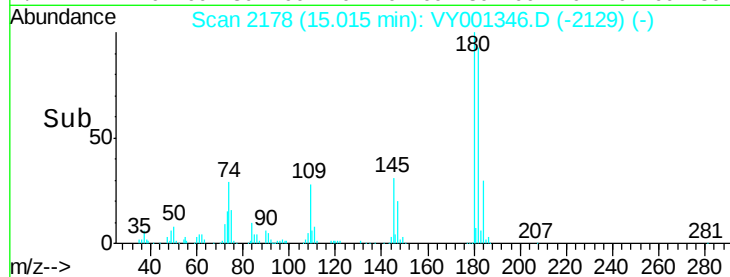
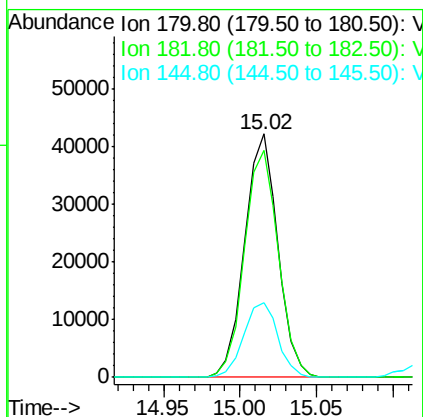
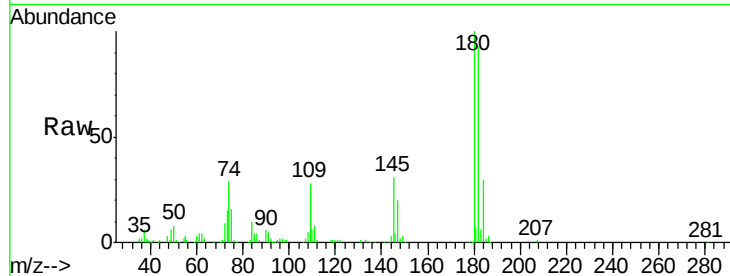
#93
 1,2,4-Trichlorobenzene
 Concen: 20.274 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001346.D
 Acq: 23 Jan 2020 12:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	31.7	16.3	48.9

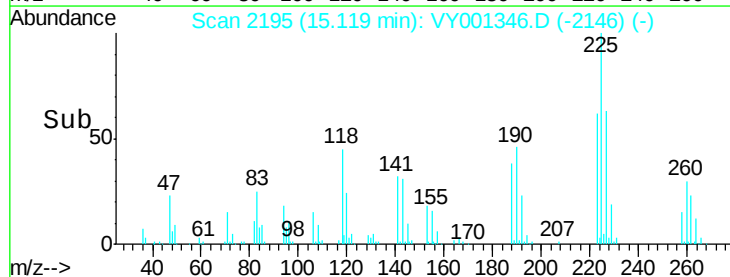
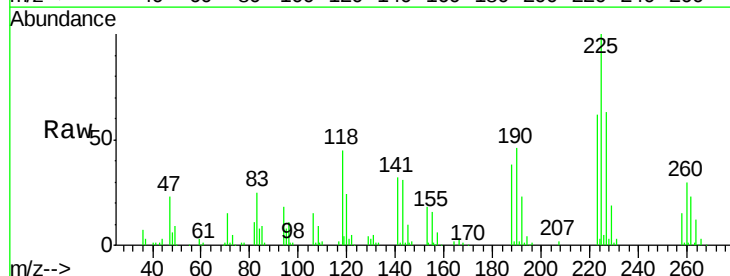
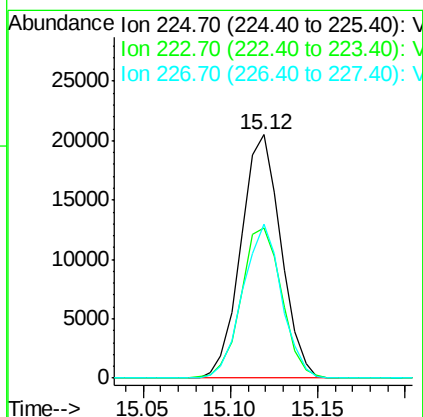
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 21.438 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001346.D
 Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.2	93.6
227	61.5	31.0	93.0





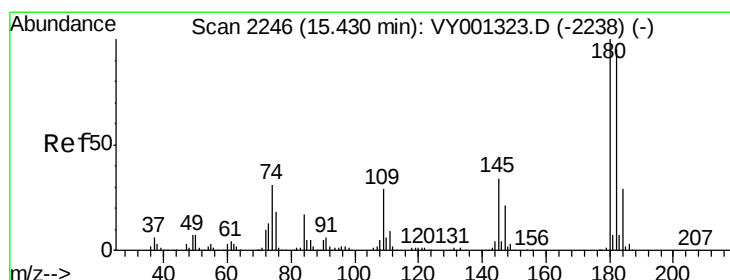
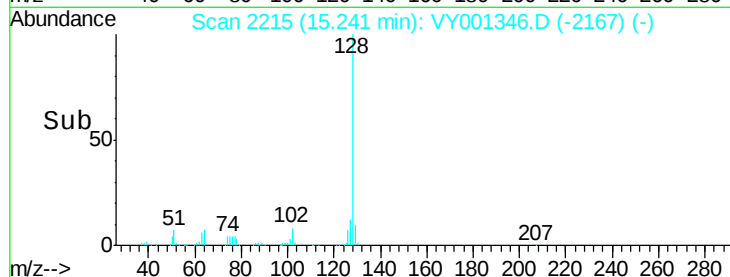
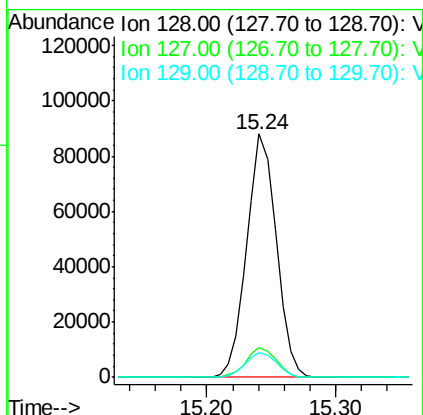
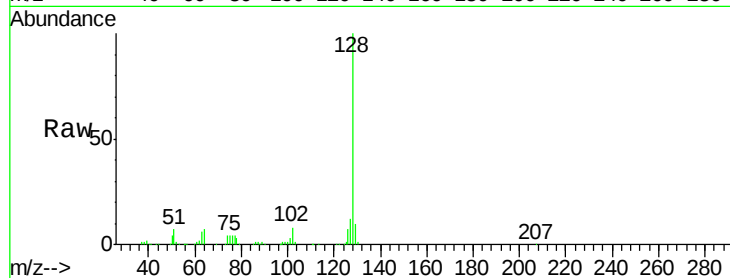
#95
Naphthalene
Concen: 19.458 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 20.295 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001346.D
Acq: 23 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.8
145	32.7	16.8	50.3

