

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
 Data File : VY001466.D
 Acq On : 03 Feb 2020 12:09
 Operator : SY/MD
 Sample : VY0203SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 11:21:45 AM

Quant Time: Feb 03 13:37:37 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	7.81	168	188232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	326631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	288949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	134474	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	103587	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.75	113	97749	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	10.19	98	396780	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.48	95	143290	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	32001	21.558	ug/l	97
3) Chloromethane	2.13	50	50465	22.494	ug/l	99
4) Vinyl Chloride	2.26	62	51371	21.960	ug/l	98
5) Bromomethane	2.66	94	32936	20.905	ug/l	99
6) Chloroethane	2.81	64	32714	21.885	ug/l	99
7) Trichlorofluoromethane	3.15	101	69364	23.175	ug/l	96
8) Diethyl Ether	3.55	74	26883	21.277	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.93	101	44600	23.399	ug/l	99
10) Methyl Iodide	4.11	142	52294	20.801	ug/l	99
11) Tert butyl alcohol	4.99	59	38016	139.027	ug/l #	94
12) 1,1-Dichloroethene	3.89	96	44276	22.154	ug/l	99
13) Acrolein	3.75	56	17391	107.095	ug/l	99
14) Allyl chloride	4.51	41	79588	22.331	ug/l	99
15) Acrylonitrile	5.20	53	69779	107.891	ug/l	98
16) Acetone	3.97	43	67515	121.225	ug/l	97
17) Carbon Disulfide	4.22	76	135501	21.558	ug/l	100
18) Methyl Acetate	4.50	43	36993	21.417	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	124456	21.268	ug/l	100
20) Methylene Chloride	4.75	84	55597	19.386	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	50755	21.863	ug/l	99
22) Diisopropyl ether	6.15	45	164666	21.758	ug/l	95
23) Vinyl Acetate	6.10	43	530382	107.948	ug/l	98
24) 1,1-Dichloroethane	6.05	63	89598	22.460	ug/l	96
25) 2-Butanone	7.02	43	100006	112.177	ug/l	100
26) 2,2-Dichloropropane	7.01	77	78618	22.125	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	55552	21.412	ug/l	94
28) Bromochloromethane	7.36	49	31862	19.368	ug/l	95
29) Tetrahydrofuran	7.38	42	62571	107.881	ug/l	98
30) Chloroform	7.53	83	85404	21.842	ug/l	96
31) Cyclohexane	7.81	56	90524	22.856	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	73735	22.334	ug/l	99
36) 1,1-Dichloropropene	7.94	75	69948	22.667	ug/l	99
37) Ethyl Acetate	7.10	43	42202	22.384	ug/l	99
38) Carbon Tetrachloride	7.92	117	63526	23.099	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	93650	23.690	ug/l	98
40) Benzene	8.18	78	210272	22.726	ug/l	97
41) Methacrylonitrile	7.34	41	18819m	19.343	ug/l	
42) 1,2-Dichloroethane	8.26	62	57160	22.109	ug/l	99
43) Isopropyl Acetate	8.30	43	81707	22.287	ug/l	99
44) Trichloroethene	8.95	130	53723	22.626	ug/l	97
45) 1,2-Dichloropropane	9.23	63	53225	22.755	ug/l	99
46) Dibromomethane	9.32	93	27087	21.571	ug/l	98
47) Bromodichloromethane	9.51	83	66762	22.241	ug/l	99
48) Methyl methacrylate	9.30	41	36153	21.693	ug/l	98
49) 1,4-Dioxane	9.31	88	7307	412.638	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	207673	109.998	ug/l	100
52) Toluene	10.25	92	131517	22.423	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	73592	22.118	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	84389	22.098	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	41566	22.427	ug/l	93
56) Ethyl methacrylate	10.52	69	61060	21.797	ug/l	99
57) 1,3-Dichloropropane	10.80	76	71658	22.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	107697	111.103	ug/l	100
59) 2-Hexanone	10.84	43	145795	110.926	ug/l	98
60) Dibromochloromethane	10.99	129	45487	21.943	ug/l	98
61) 1,2-Dibromoethane	11.09	107	38635	22.050	ug/l	100
64) Tetrachloroethene	10.72	164	43467	23.550	ug/l	97
65) Chlorobenzene	11.52	112	135662	22.274	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	46379	22.313	ug/l	98
67) Ethyl Benzene	11.59	91	254541	22.678	ug/l	98
68) m/p-Xylenes	11.70	106	188456	44.954	ug/l	99
69) o-Xylene	12.03	106	90213	22.369	ug/l	99
70) Styrene	12.05	104	157357	22.239	ug/l	99
71) Bromoform	12.21	173	25969	20.930	ug/l #	100
73) Isopropylbenzene	12.33	105	245076	23.096	ug/l	99
74) N-amyl acetate	12.14	43	75420	21.714	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	50480	22.213	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	32997m	20.363	ug/l	
77) Bromobenzene	12.61	156	52879	22.499	ug/l	99
78) n-propylbenzene	12.67	91	295498	23.136	ug/l	100
79) 2-Chlorotoluene	12.76	91	166381	22.803	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	202588	22.872	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	18887	22.057	ug/l	96
82) 4-Chlorotoluene	12.86	91	174663	22.410	ug/l	100
83) tert-Butylbenzene	13.08	119	169573	22.712	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	201074	22.612	ug/l	99
85) sec-Butylbenzene	13.25	105	248163	23.395	ug/l	100
86) p-Isopropyltoluene	13.37	119	217815	23.301	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	102862	22.725	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	102607	22.326	ug/l	99
89) n-Butylbenzene	13.70	91	218936	23.271	ug/l	99
90) Hexachloroethane	13.97	117	40277	22.731	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	92613	22.186	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8015	20.439	ug/l	97

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ClientSampleId :
VY0203SBSD01

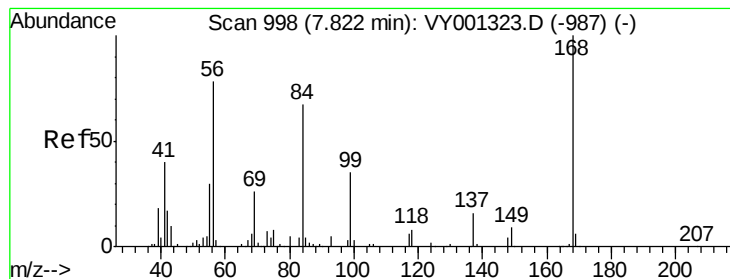
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	57484	20.518	ug/l	100
94) Hexachlorobutadiene	15.12	225	29444	21.583	ug/l	98
95) Naphthalene	15.24	128	130912	20.435	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	49907	20.306	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

Tot Ion:168 Resp: 188232

Ion Ratio Lower Upper

168 100

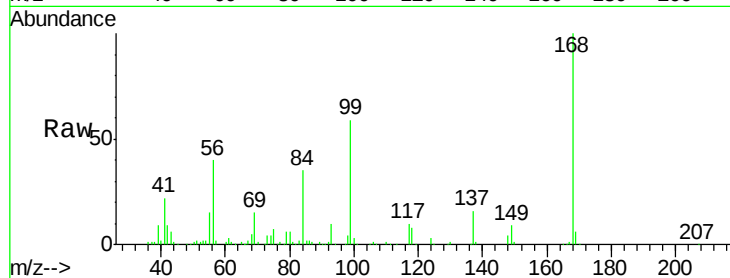
99 58.9 44.3 66.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.81

80000

60000

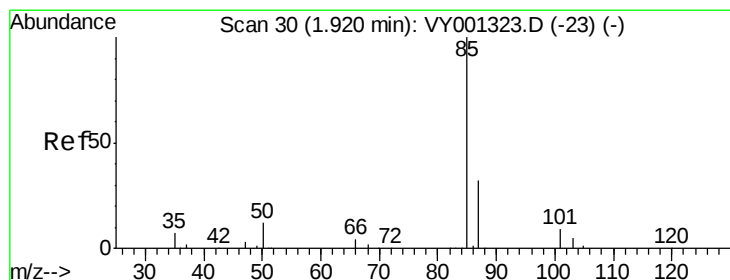
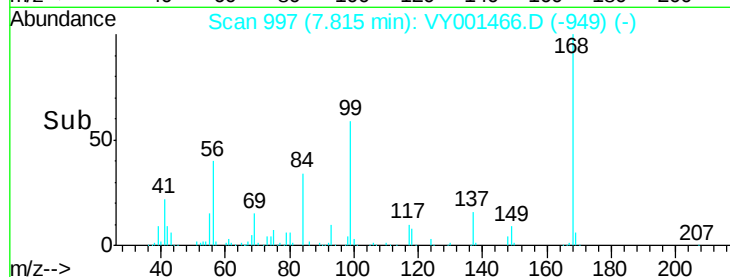
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.558 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001466.D

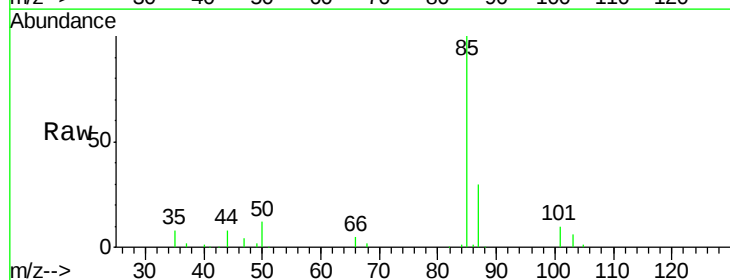
Acq: 03 Feb 2020 12:09

Tgt Ion: 85 Resp: 32001

Ion Ratio Lower Upper

85 100

87 30.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)

1.91

25000

20000

15000

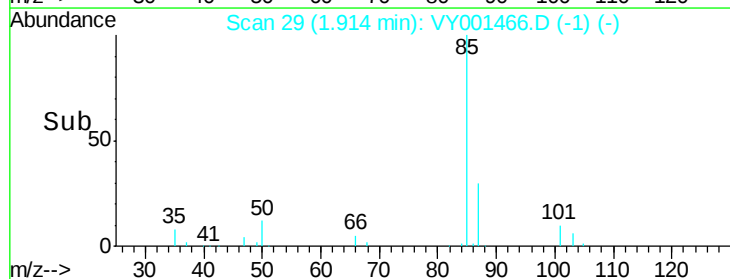
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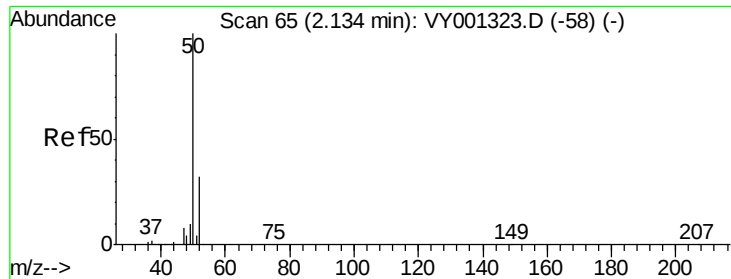
5000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 22.494 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

Tot Ion: 50 Resp: 50465

Ion Ratio Lower Upper

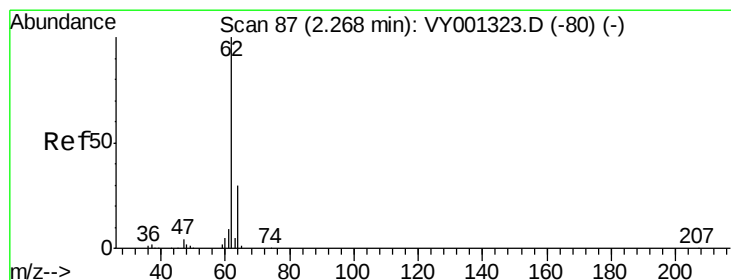
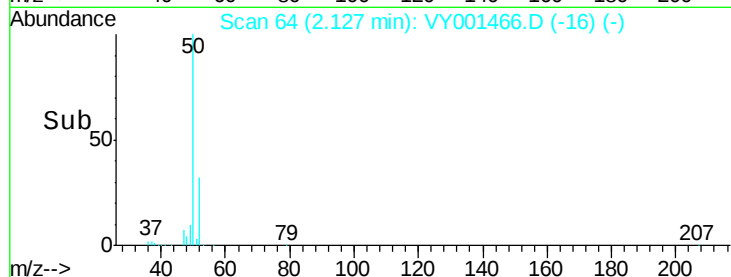
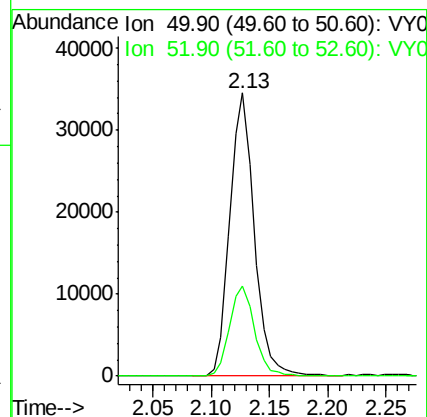
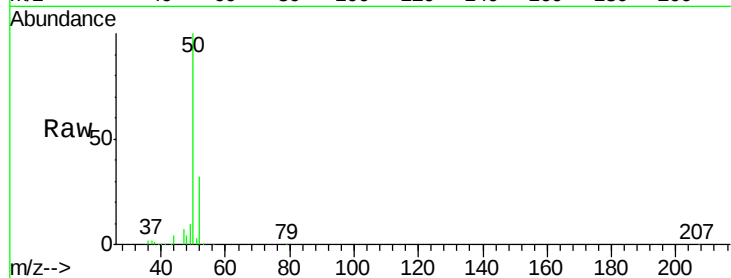
50 100

52 31.7 25.7 38.5

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#4

Vinyl Chloride

Concen: 21.960 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001466.D

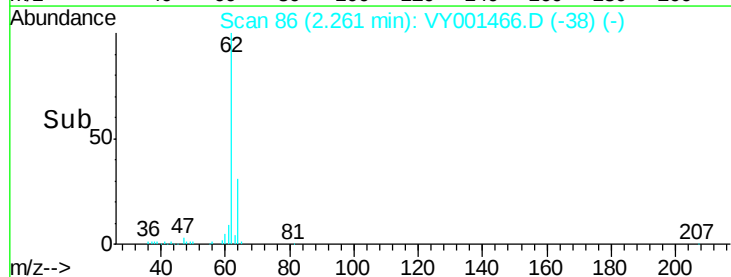
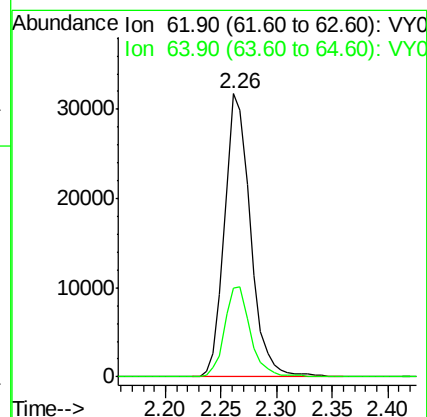
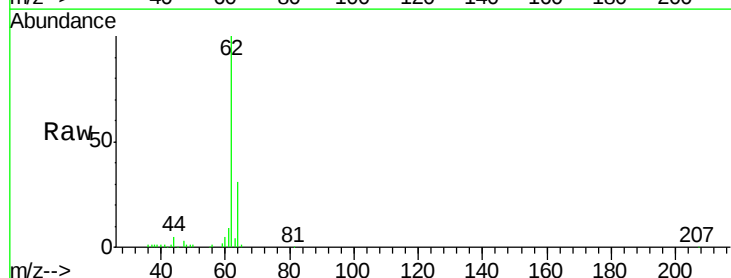
Acq: 03 Feb 2020 12:09

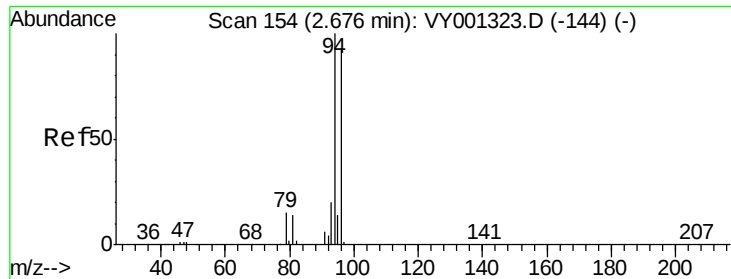
Tgt Ion: 62 Resp: 51371

Ion Ratio Lower Upper

62 100

64 31.2 23.9 35.9





#5

Bromomethane

Concen: 20.905 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.02 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

Tot Ion: 94 Resp: 32936

Ion Ratio Lower Upper

94 100

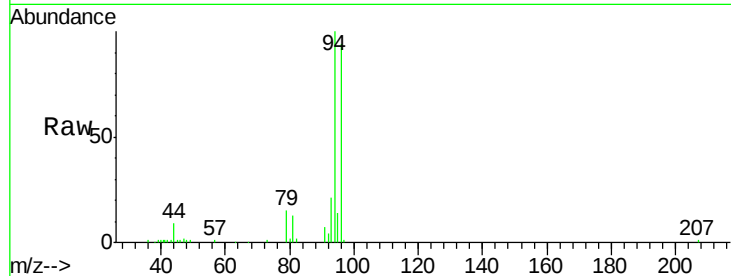
96 93.8 74.6 111.8

Manual Integrations

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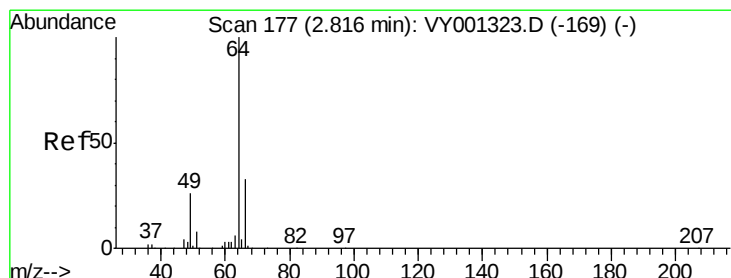
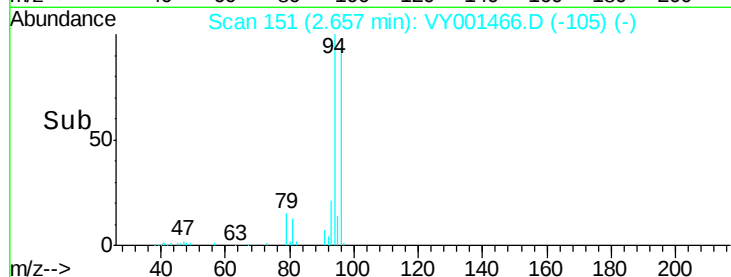
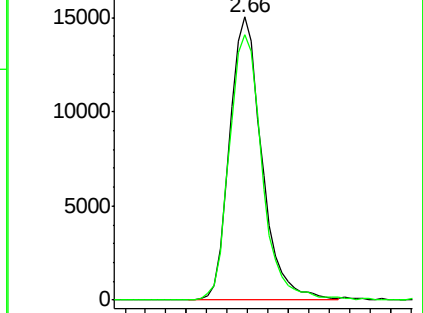
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.885 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001466.D

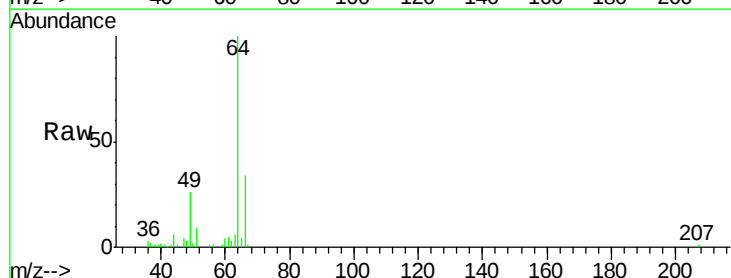
Acq: 03 Feb 2020 12:09

Tgt Ion: 64 Resp: 32714

Ion Ratio Lower Upper

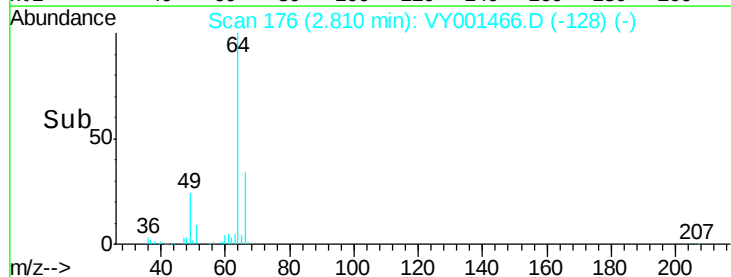
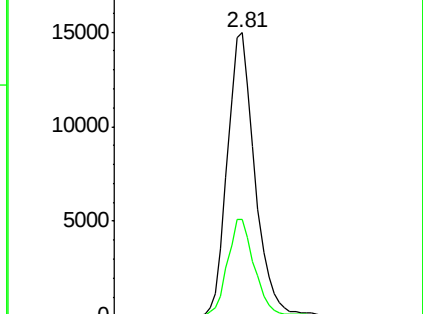
64 100

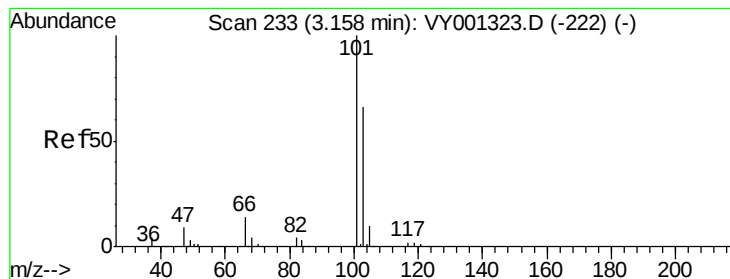
66 33.9 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

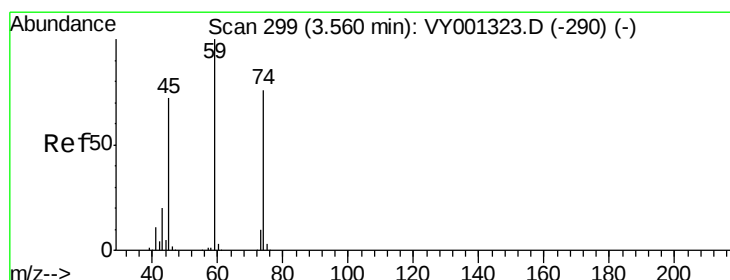
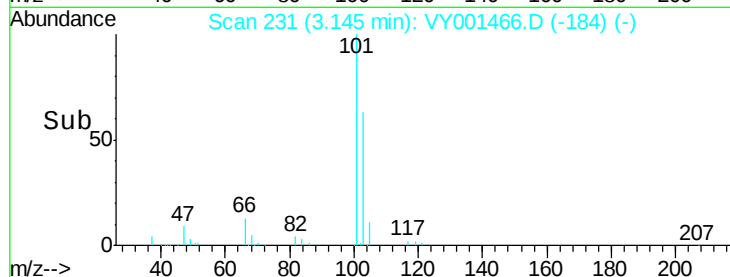
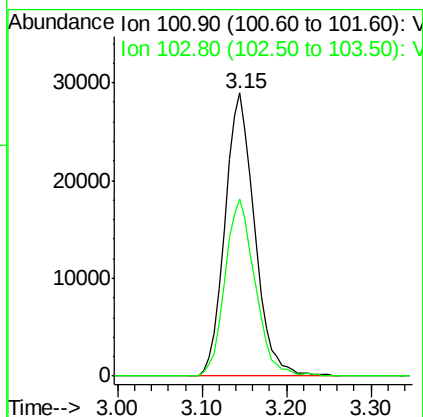
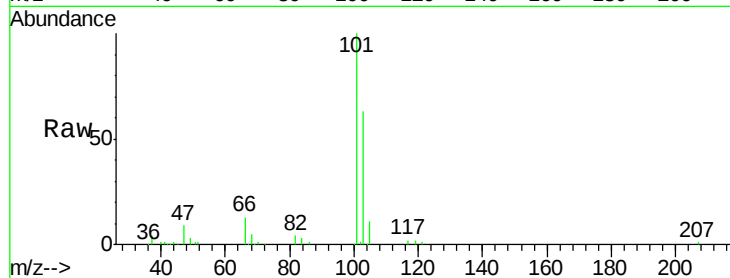
Trichlorofluoromethane
Concen: 23.175 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

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VY0203SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	52.5	78.7

Manual Integrations
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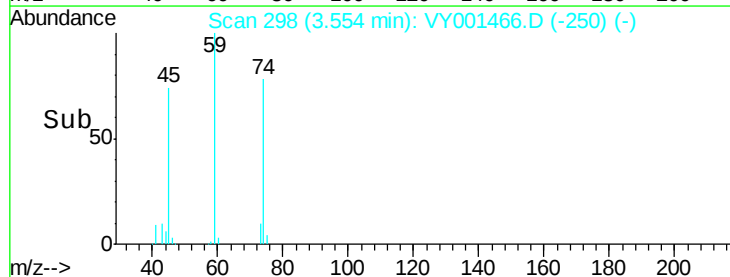
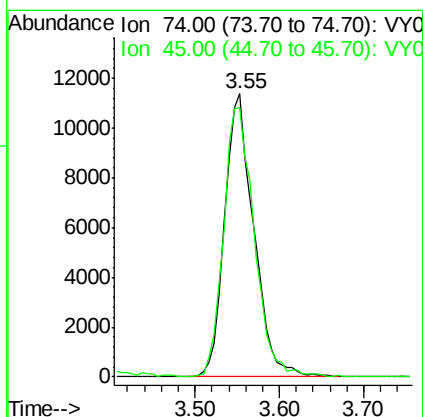
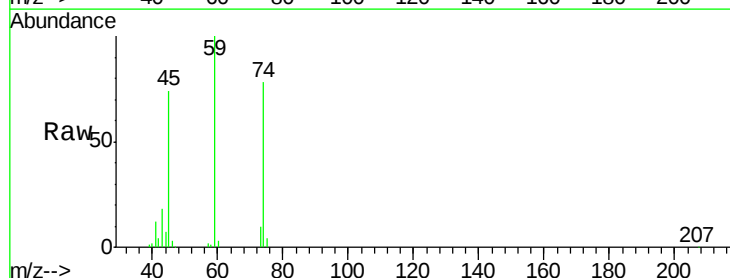
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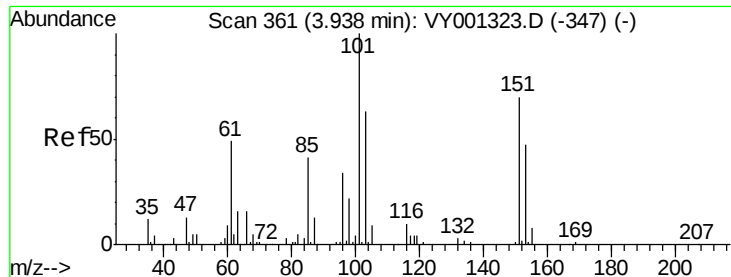


#8

Diethyl Ether
Concen: 21.277 ug/l
RT: 3.55 min Scan# 298
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.6	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.399 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

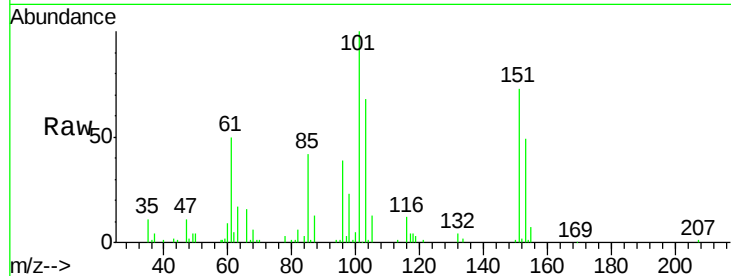
ClientSampleId :

VY0203SBS01

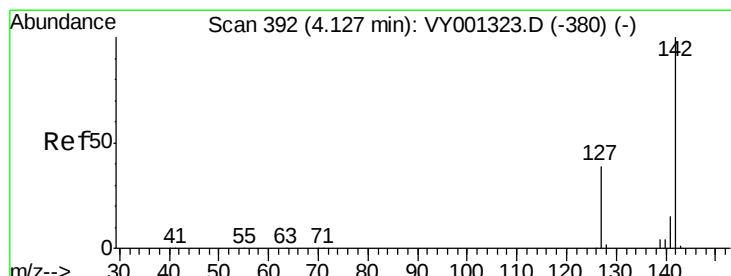
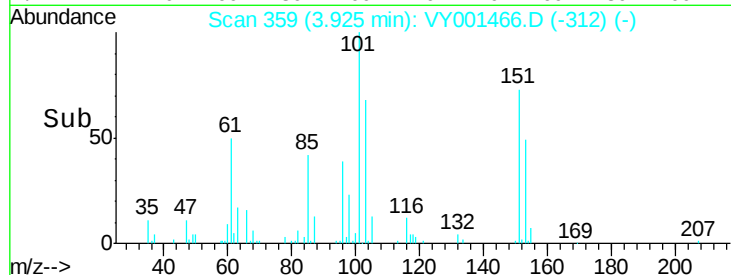
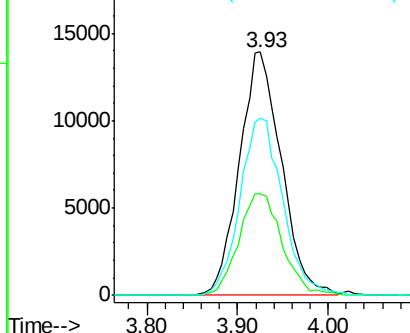
Tot Ion:	101	Resp:	44600
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.9	52.3
151	74.0	59.9	89.9

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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: 20.801 ug/l

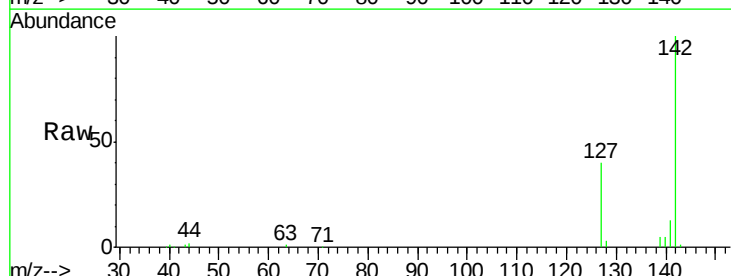
RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

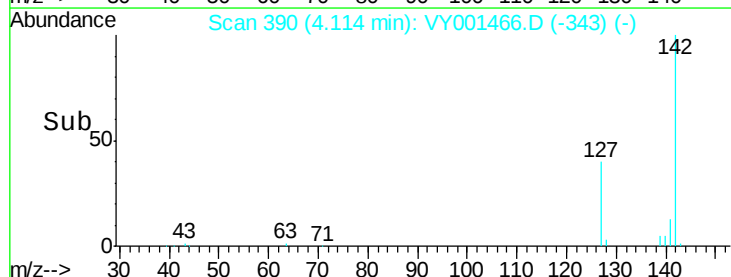
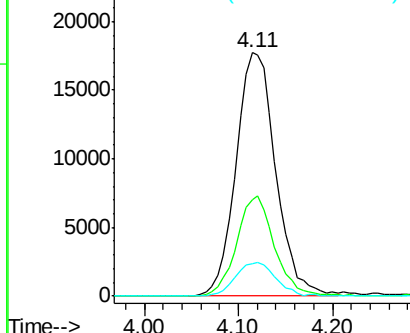
Lab File: VY001466.D

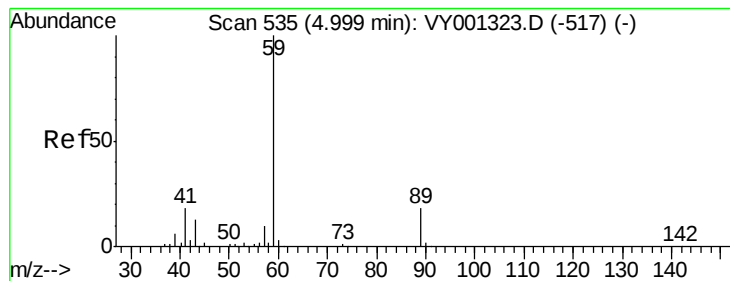
Acq: 03 Feb 2020 12:09

Tgt Ion:	142	Resp:	52294
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.6	47.4
141	14.1	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

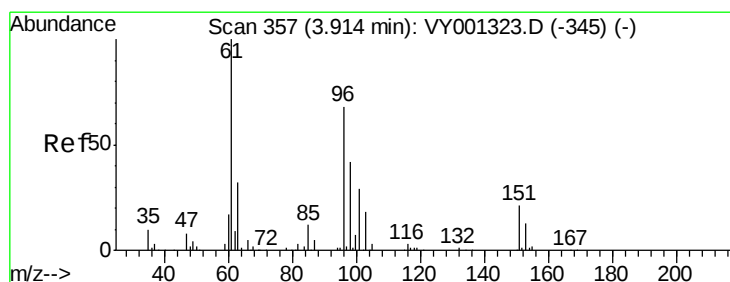
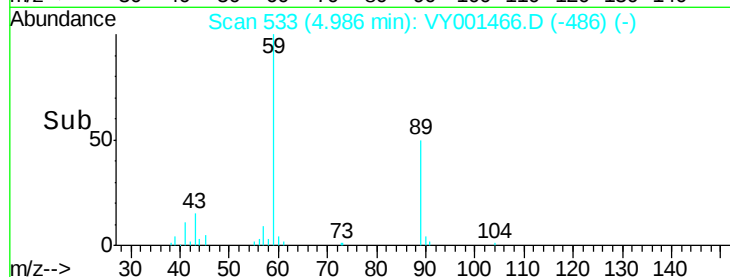
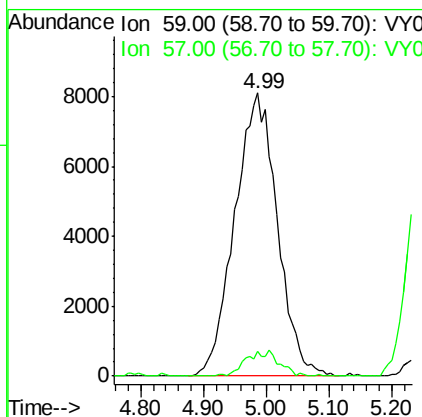
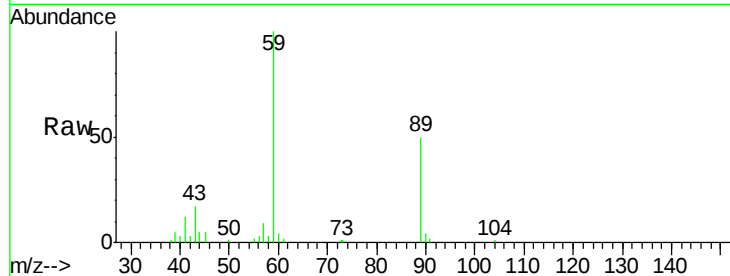
Tert butyl alcohol
Concen: 139.027 ug/l
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.0	7.4	11.2#

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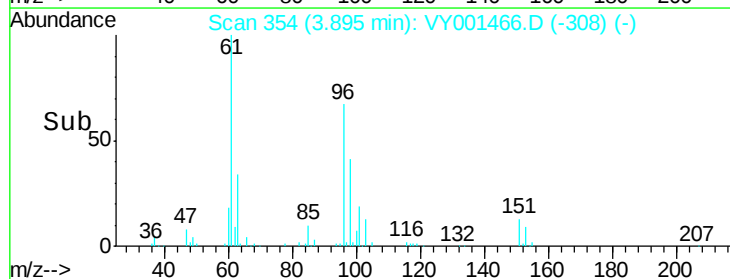
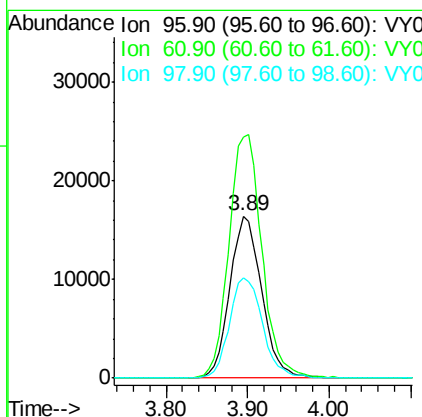
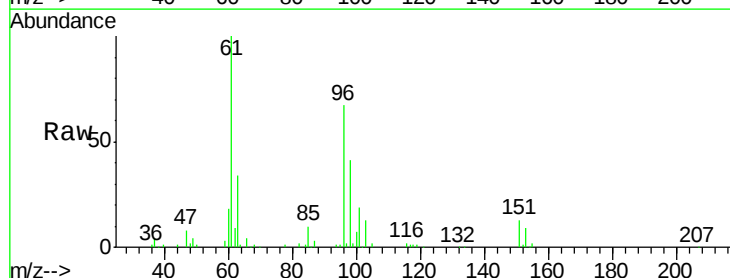
MMDadoda
2/4/2020 11:21:45 AM

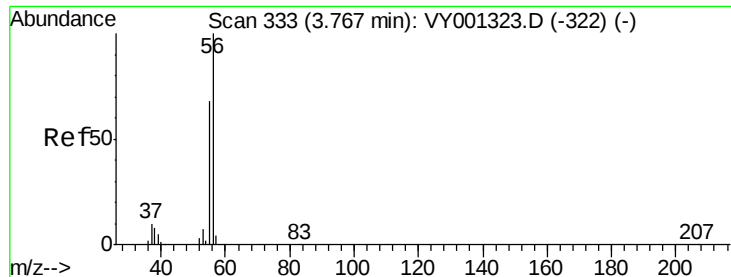


#12

1,1-Dichloroethene
Concen: 22.154 ug/l
RT: 3.89 min Scan# 354
Delta R.T. -0.02 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.9	118.0	177.0
98	61.6	49.4	74.2





#13

Acrolein

Concen: 107.095 ug/l

RT: 3.75 min Scan# 331

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

Tot Ion: 56 Resp: 17391

Ion Ratio Lower Upper

56 100

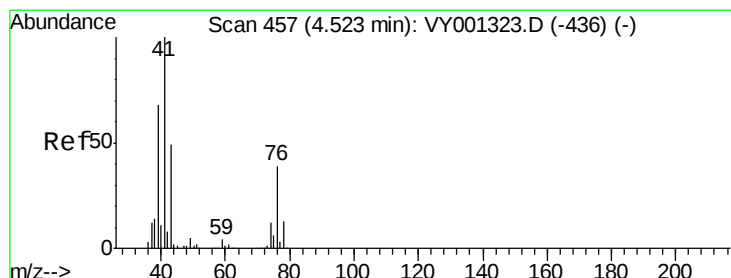
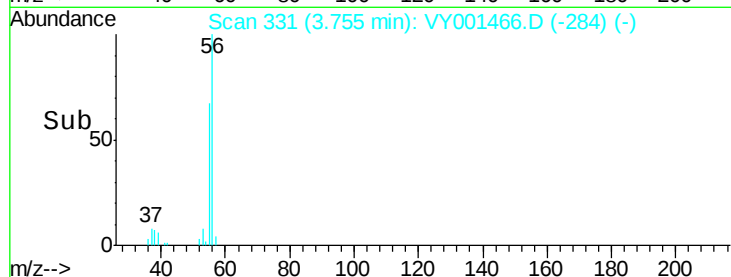
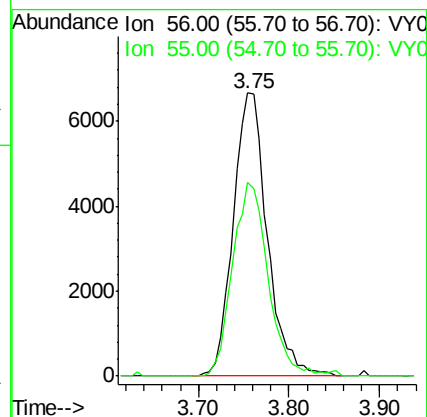
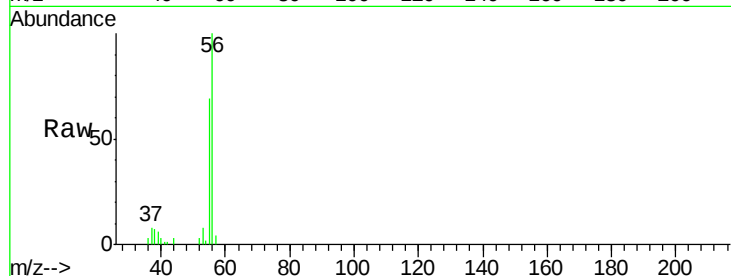
55 71.1 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 22.331 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

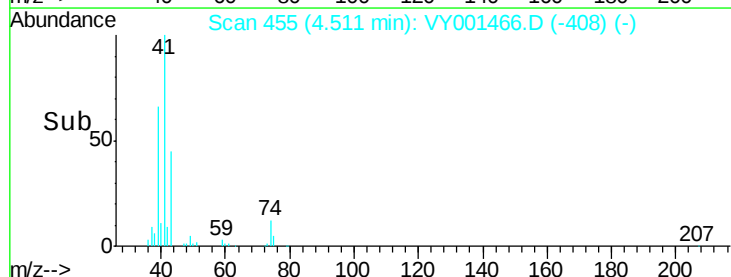
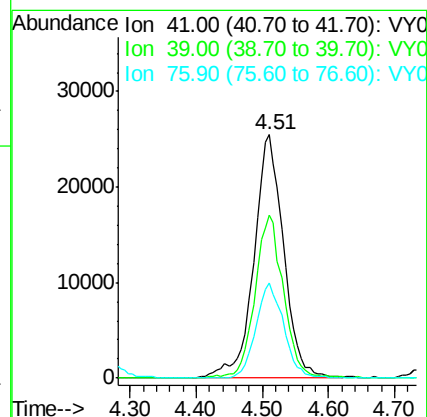
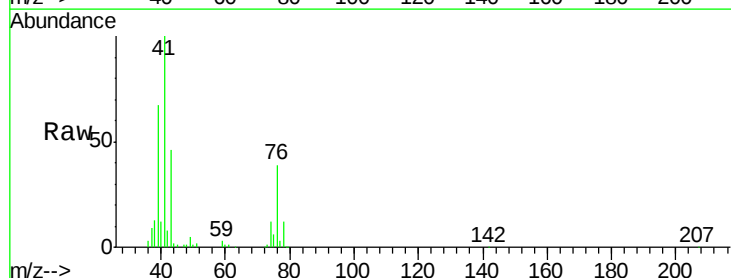
Tgt Ion: 41 Resp: 79588

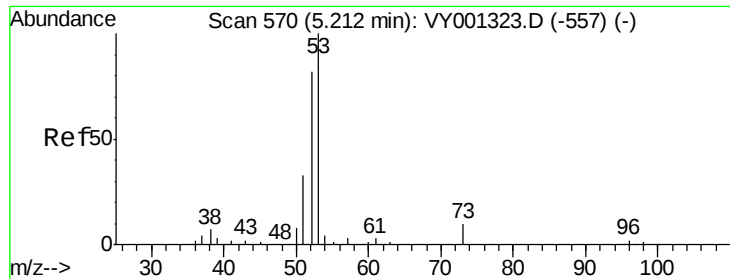
Ion Ratio Lower Upper

41 100

39 64.5 52.2 78.4

76 36.4 29.1 43.7





#15

Acrylonitrile

Concen: 107.891 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

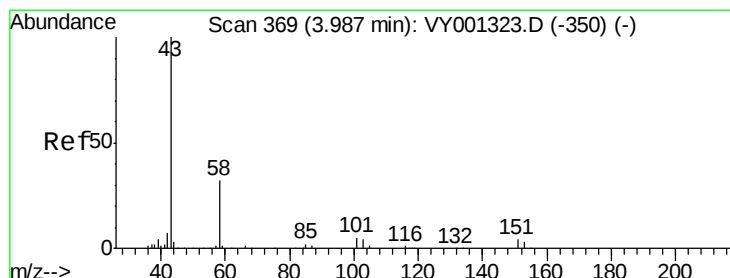
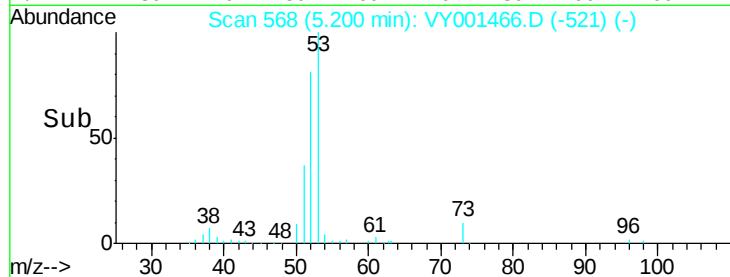
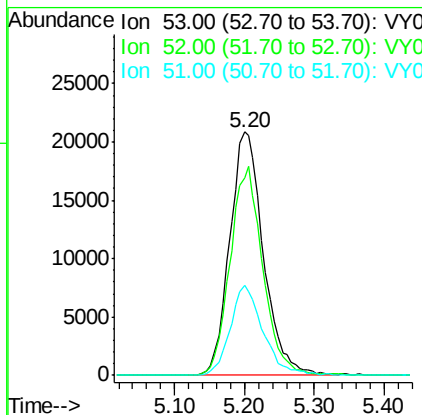
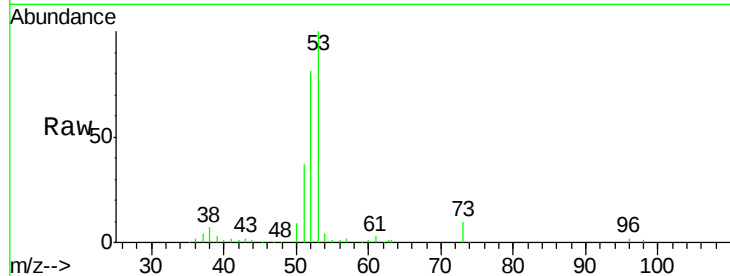
ClientSampleId :

VY0203SBS01

Tot Ion:	53	Resp:	69779
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.3	97.9
51	36.2	28.4	42.6

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#16

Acetone

Concen: 121.225 ug/l

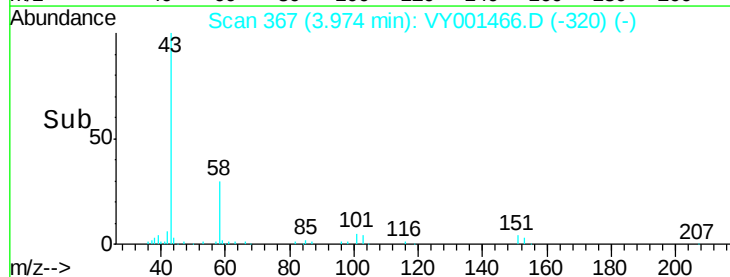
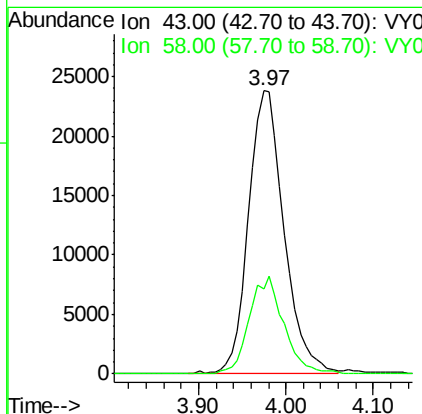
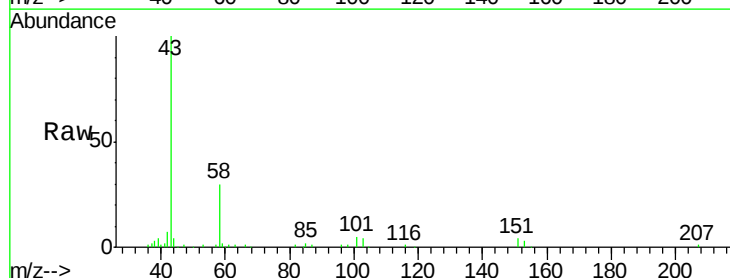
RT: 3.97 min Scan# 367

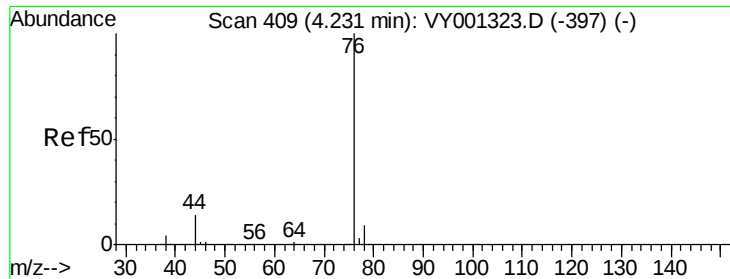
Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Tgt Ion:	43	Resp:	67515
Ion	Ratio	Lower	Upper
43	100		
58	29.9	25.4	38.0





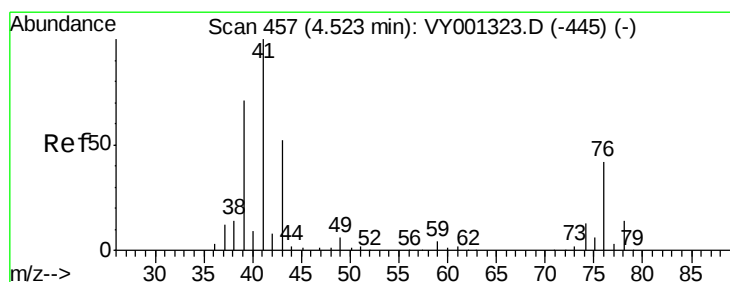
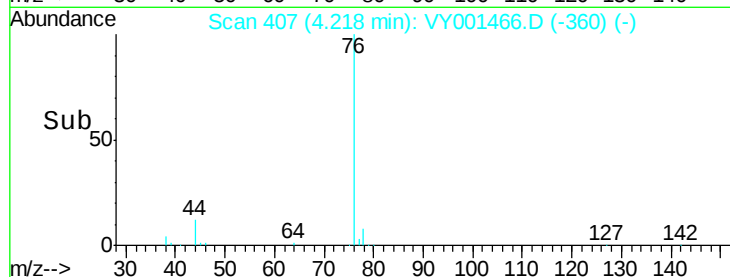
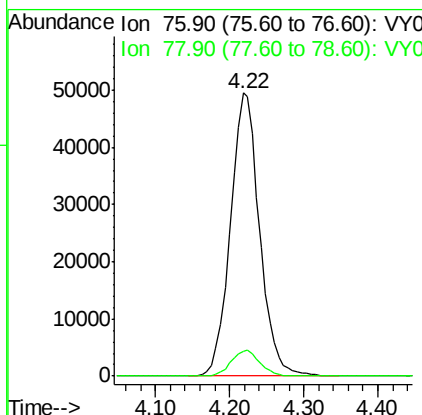
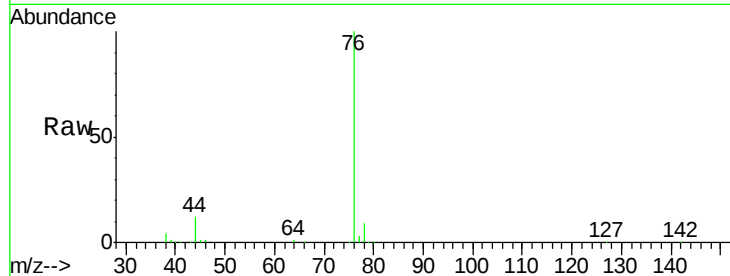
#17
Carbon Disulfide
Concen: 21.558 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

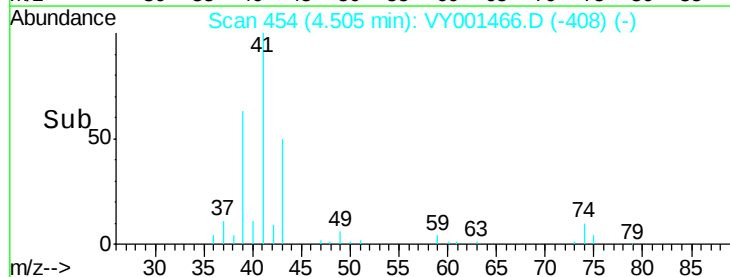
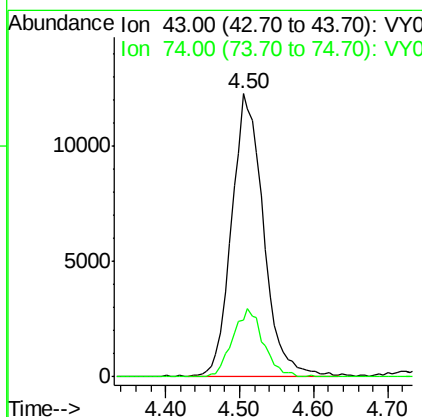
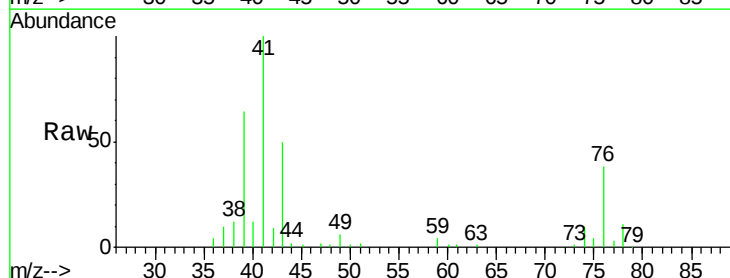
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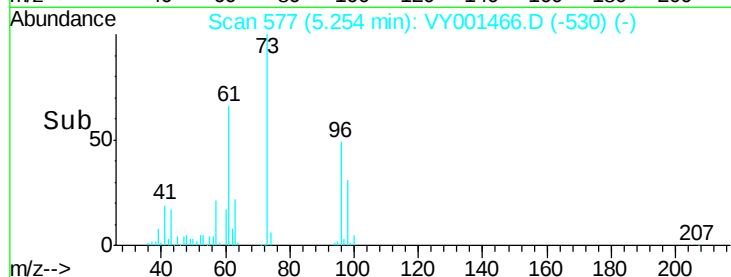
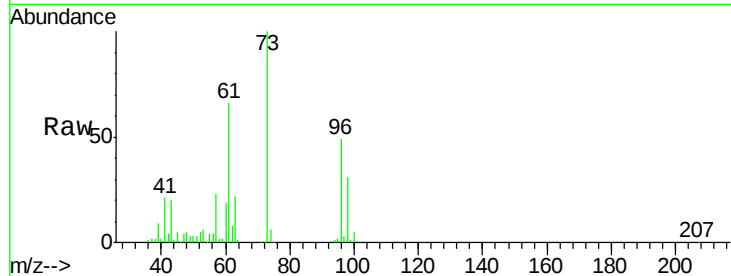
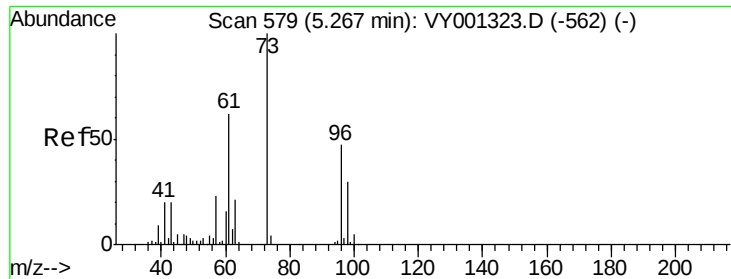
MMDadoda
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#18
Methyl Acetate
Concen: 21.417 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.02 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.4	29.2





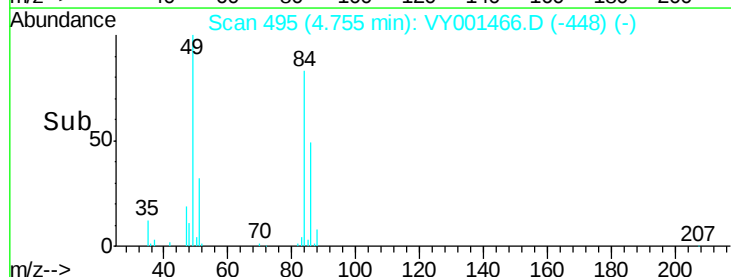
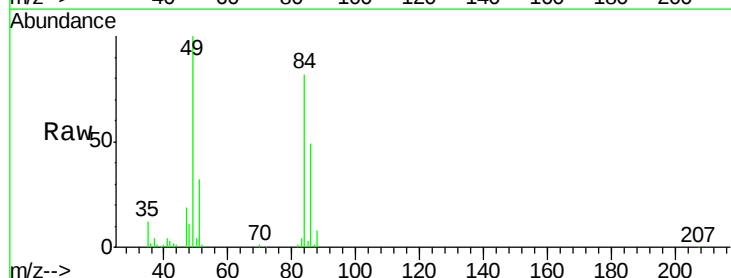
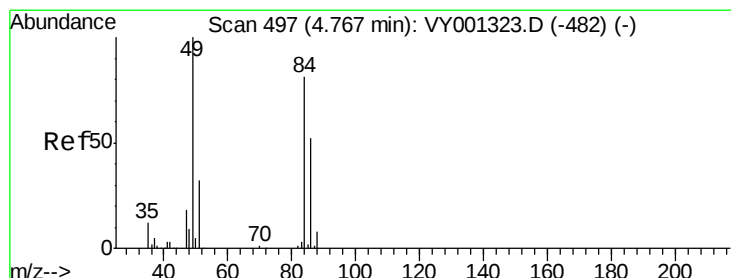
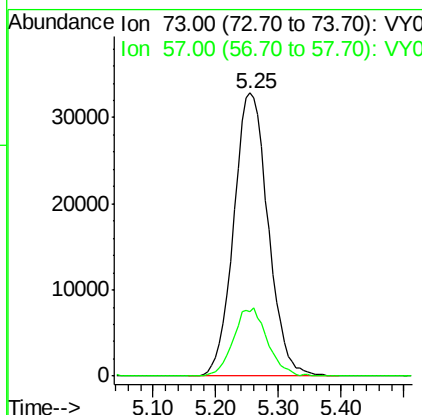
#19
Methvl tert-butvl Ether
Concen: 21.268 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tot Ion: 73 Resp: 124456
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

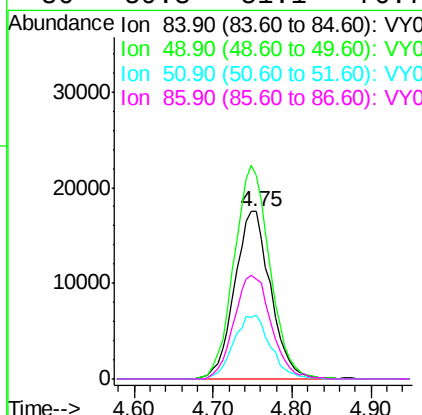
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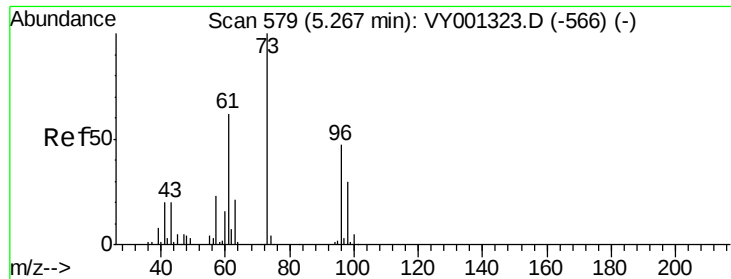
MMDadoda
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#20
Methylene Chloride
Concen: 19.386 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion: 84 Resp: 55597
Ion Ratio Lower Upper
84 100
49 121.5 98.3 147.5
51 38.4 31.6 47.4
86 59.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 21.863 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

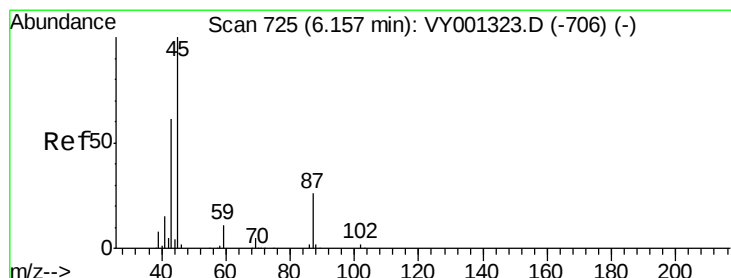
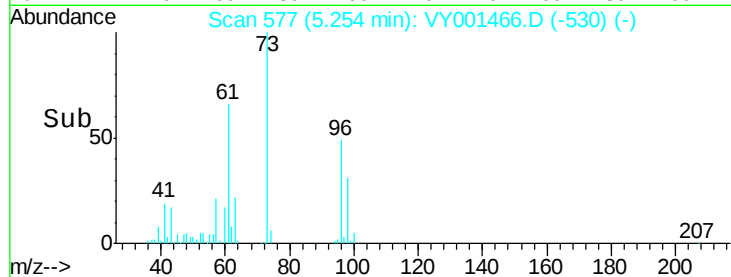
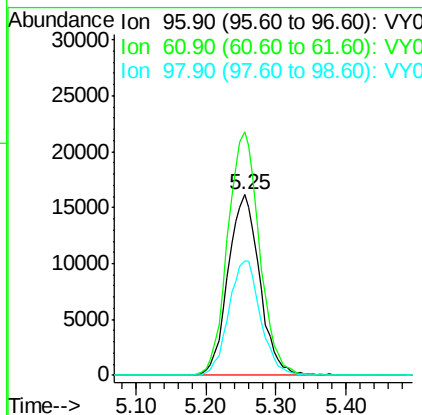
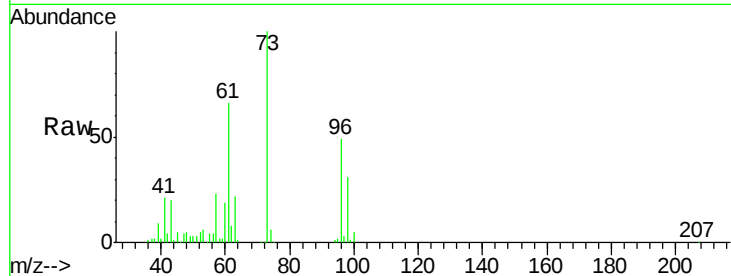
ClientSampleId :

VY0203SBS01

Tot Ion:	96	Resp:	50755
Ion	Ratio	Lower	Upper
96	100		
61	134.8	106.8	160.2
98	63.1	51.0	76.6

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#22

Diisopropyl ether

Concen: 21.758 ug/l

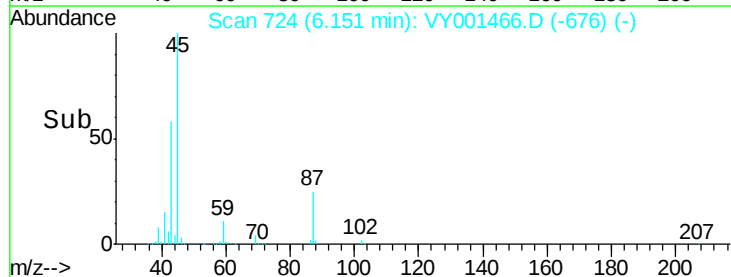
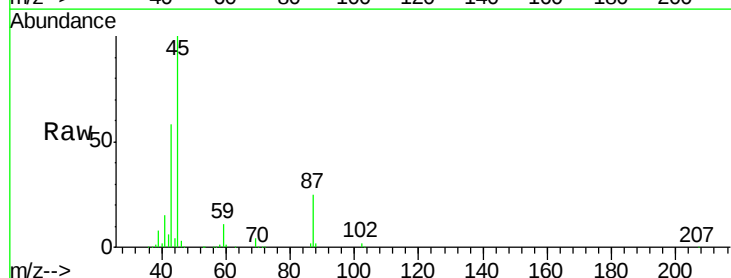
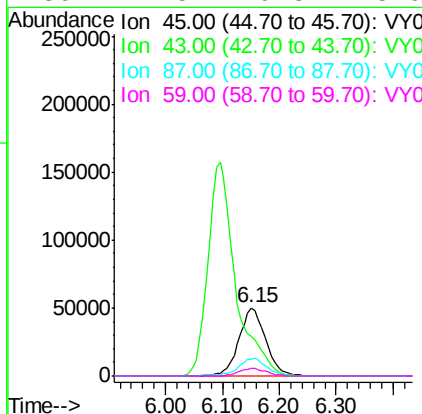
RT: 6.15 min Scan# 724

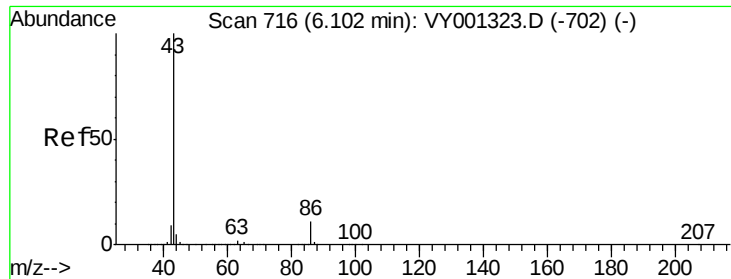
Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Tgt Ion:	45	Resp:	164666
Ion	Ratio	Lower	Upper
45	100		
43	57.3	49.2	73.8
87	24.6	21.4	32.2
59	11.5	9.3	13.9





#23

Vinyl Acetate

Concen: 107.948 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

Tot Ion: 43 Resp: 530382

Ion Ratio Lower Upper

43 100

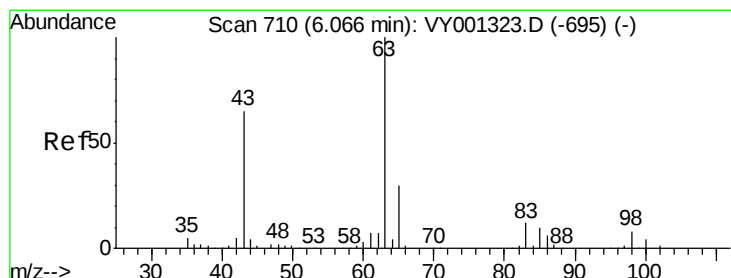
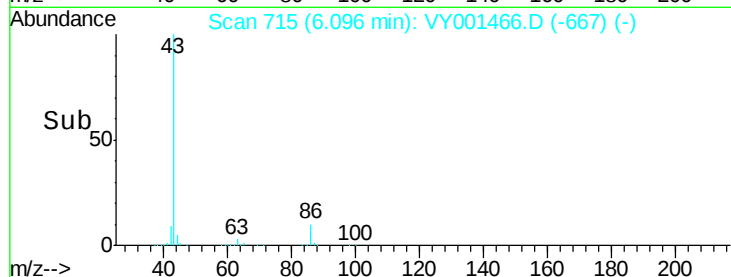
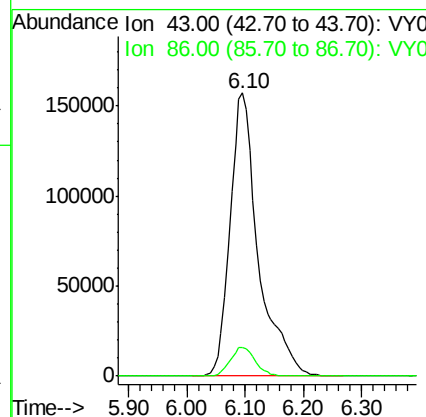
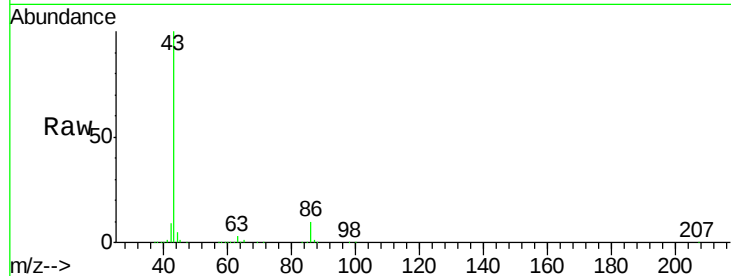
86 10.0 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.460 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

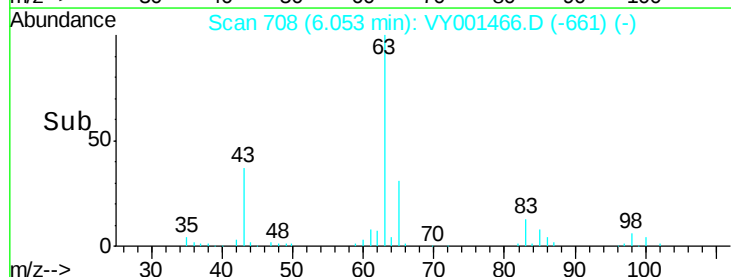
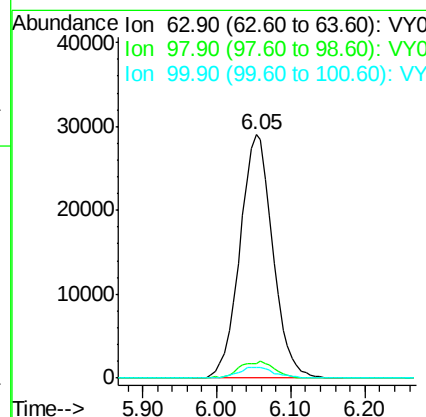
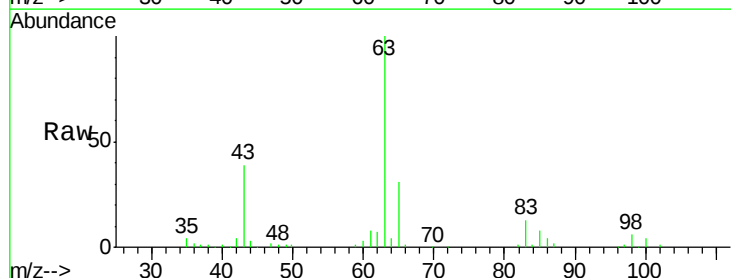
Tgt Ion: 63 Resp: 89598

Ion Ratio Lower Upper

63 100

98 6.1 4.0 12.0

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 112.177 ug/l

RT: 7.02 min Scan# 867

Delta R.T. -0.00 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

Tot Ion: 43 Resp: 100006

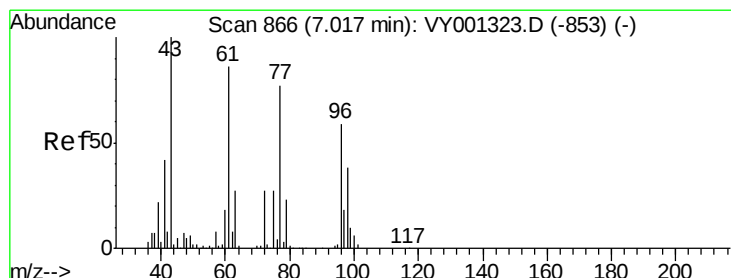
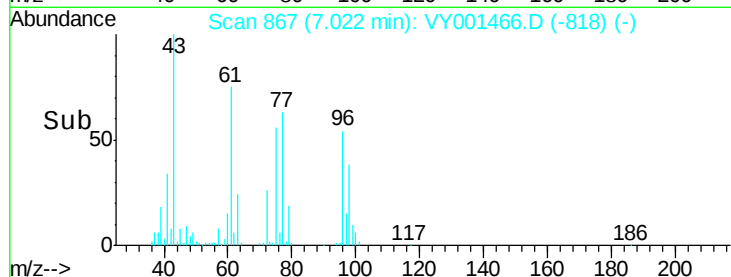
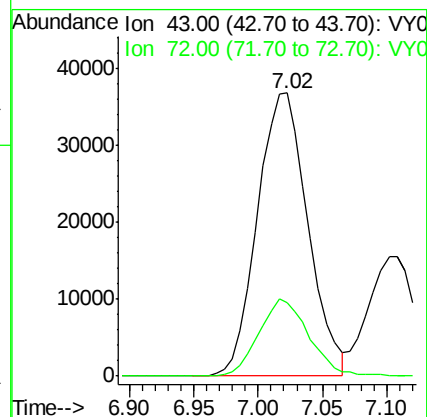
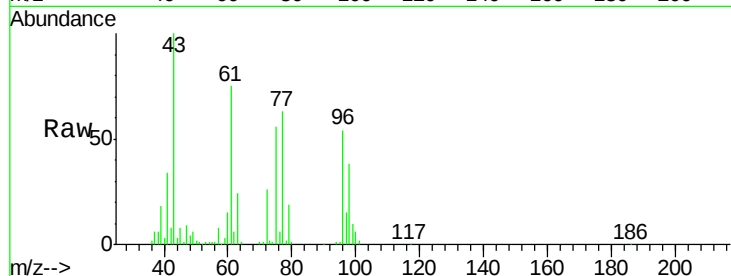
Ion Ratio Lower Upper

43 100

72 25.9 20.6 31.0

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 22.125 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001466.D

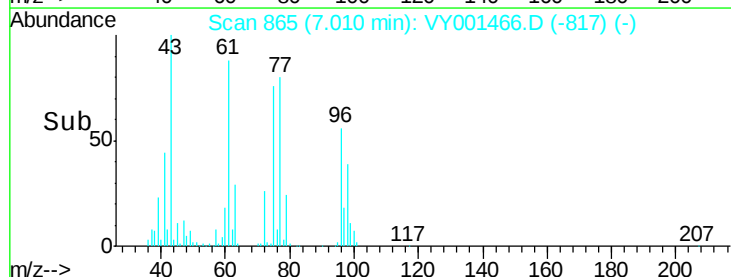
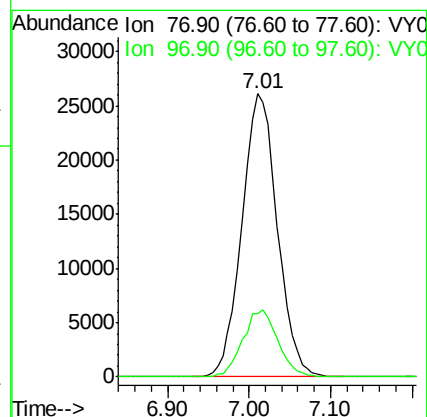
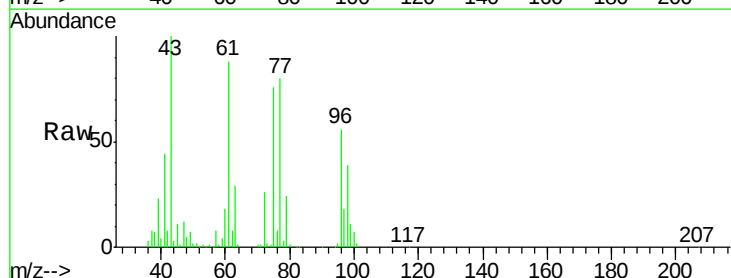
Acq: 03 Feb 2020 12:09

Tgt Ion: 77 Resp: 78618

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.5





#27

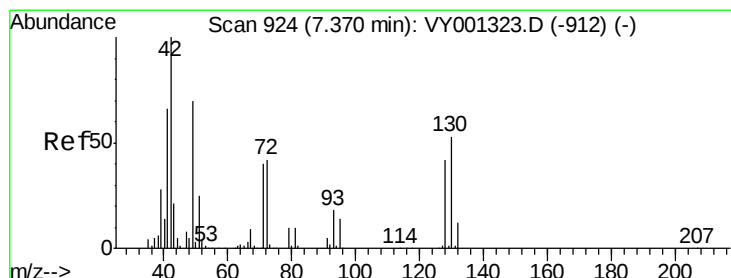
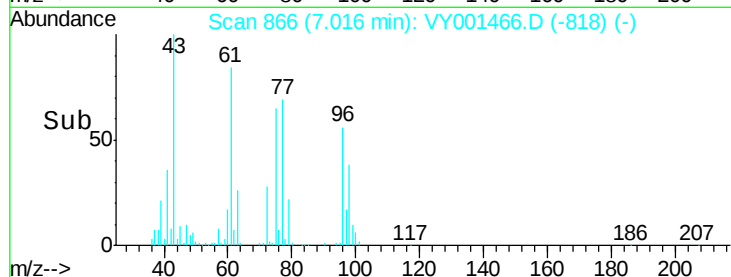
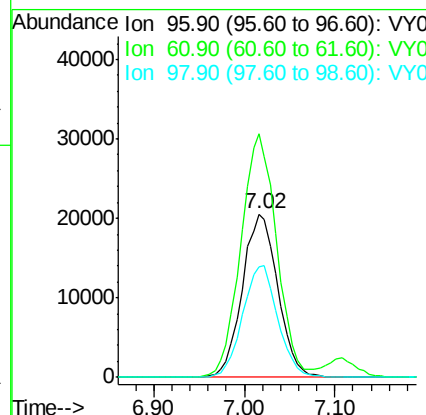
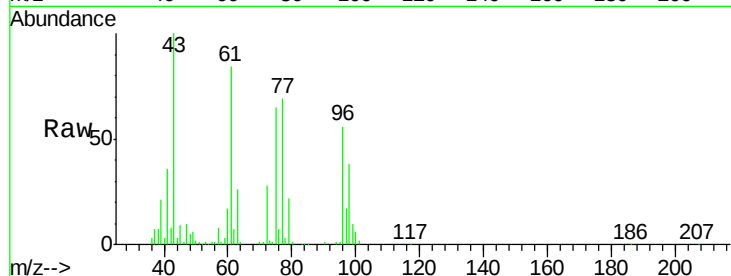
cis-1,2-Dichloroethene
Concen: 21.412 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	150.9	0.0	284.8	
98	67.5	0.0	128.4	

Manual Integrations
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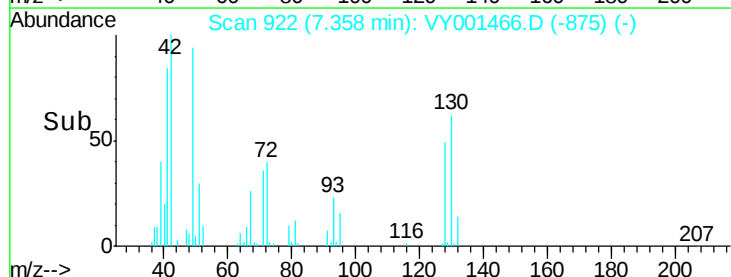
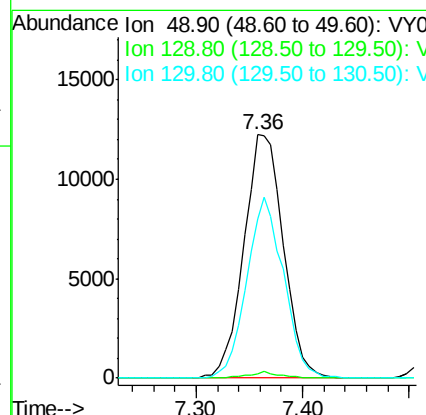
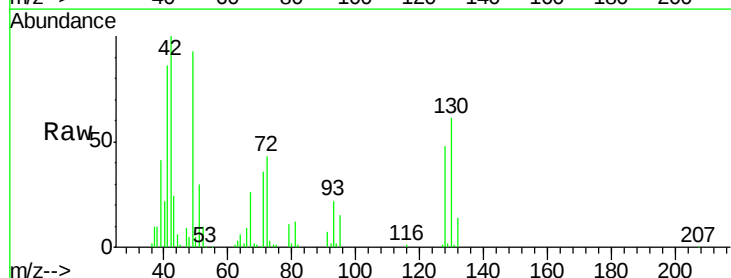
MMDadoda
2/4/2020 11:21:45 AM

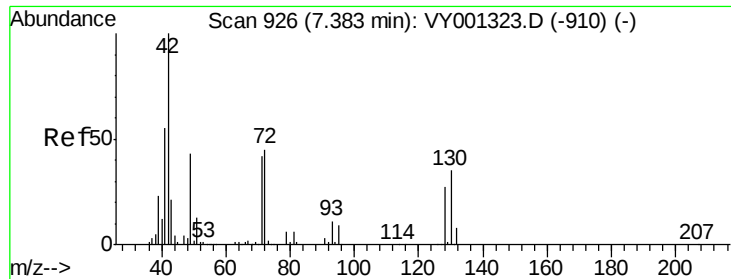


#28

Bromochloromethane
Concen: 19.368 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	4.0	
130	69.4	58.9	88.3	





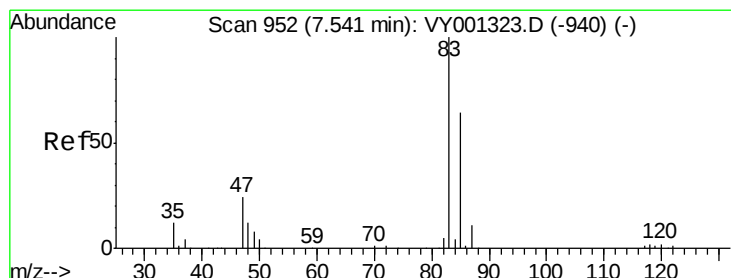
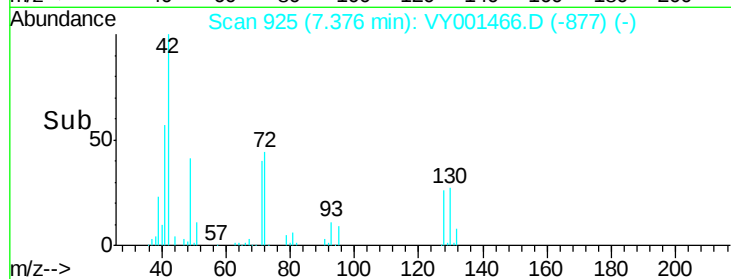
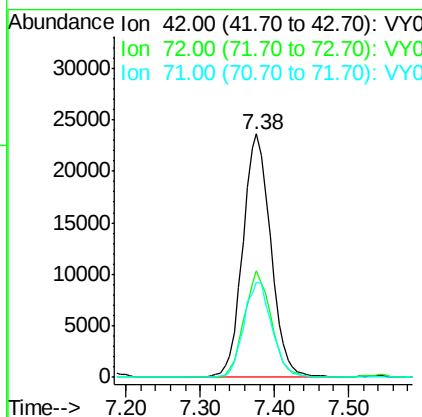
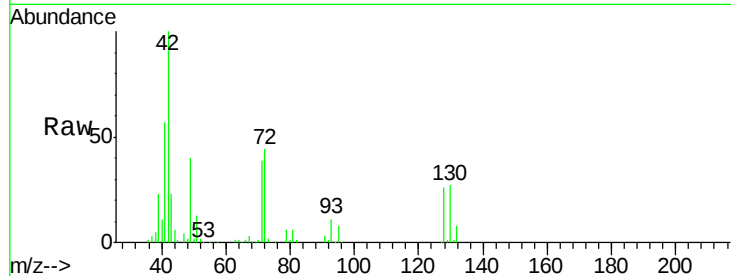
#29
Tetrahydrofuran
Concen: 107.881 ug/l
RT: 7.38 min Scan# 925
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.6	51.8
71	39.0	32.6	48.8

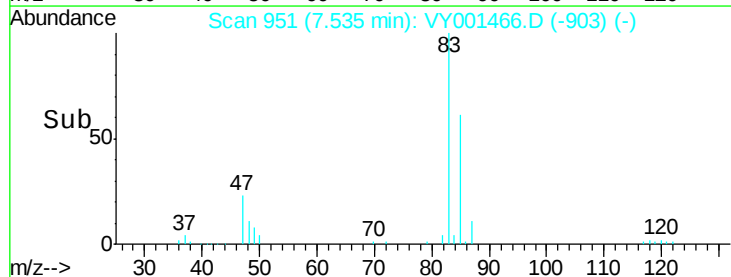
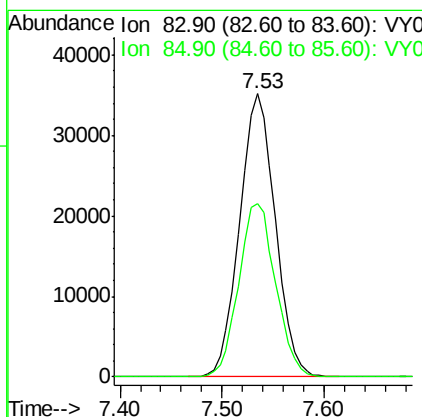
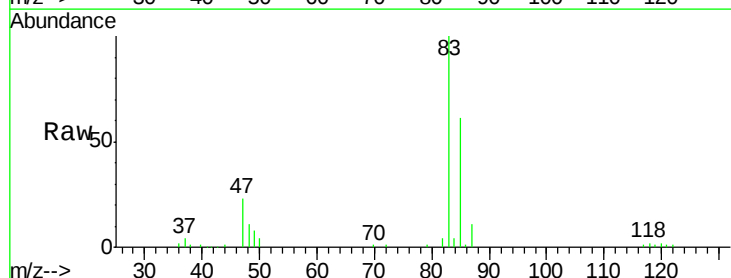
Manual Integrations
APPROVED

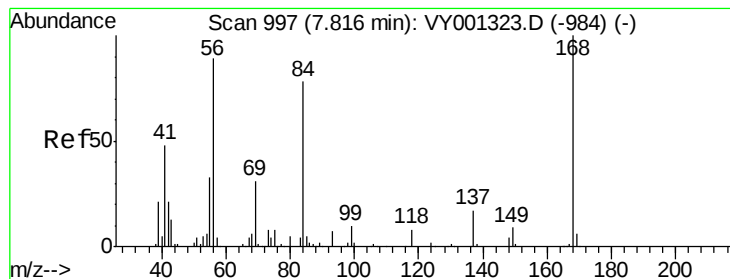
MMDadoda
2/4/2020 11:21:45 AM



#30
Chloroform
Concen: 21.842 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	51.5	77.3





#31

Cyclohexane

Concen: 22.856 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

Tot Ion: 56 Resp: 90524

Ion Ratio Lower Upper

56 100

69 38.5 27.6 41.4

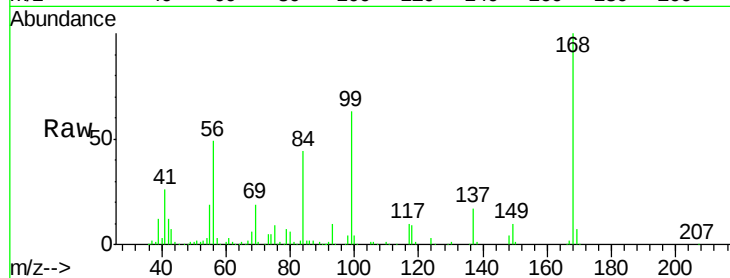
84 89.0 69.7 104.5

Manual Integrations

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MMDadoda

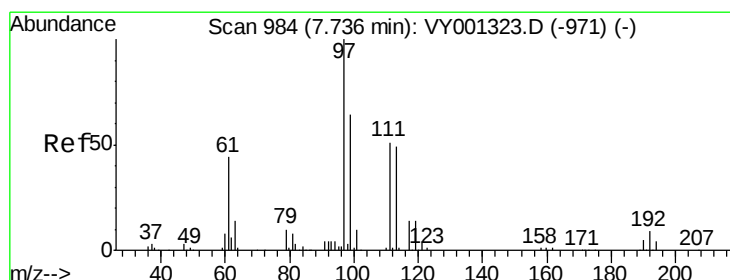
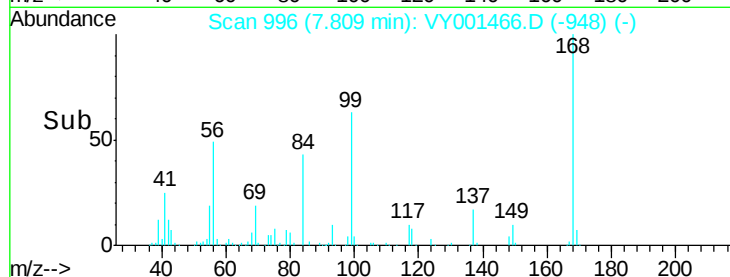
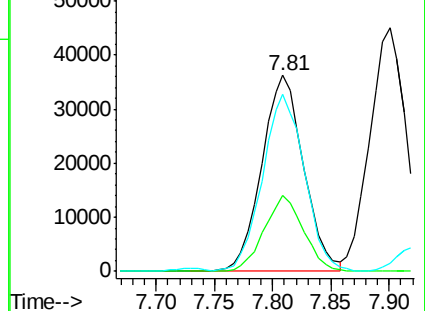
2/4/2020 11:21:45 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 22.334 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

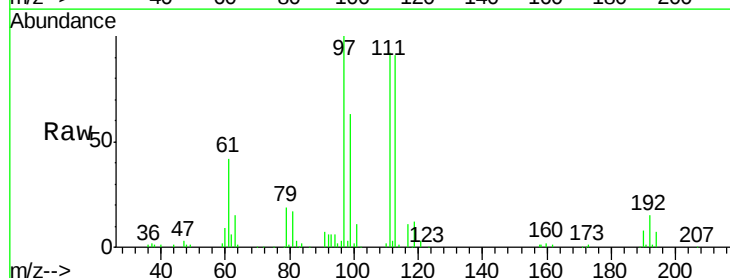
Tgt Ion: 97 Resp: 73735

Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

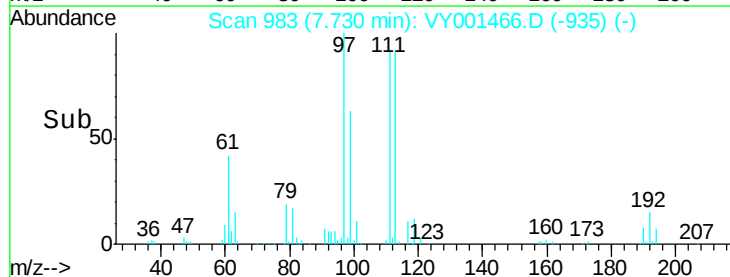
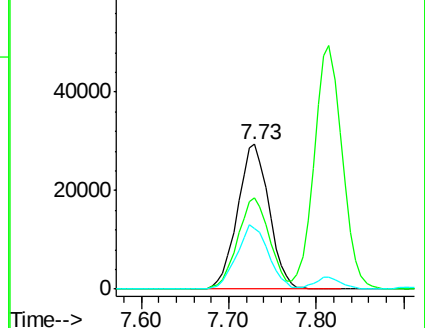
61 44.5 35.9 53.9

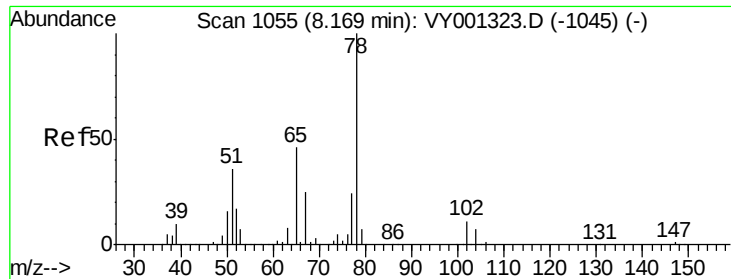


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





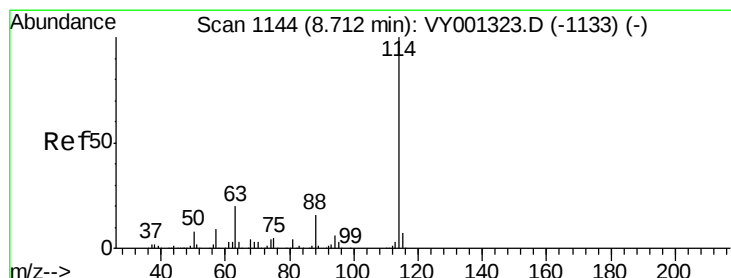
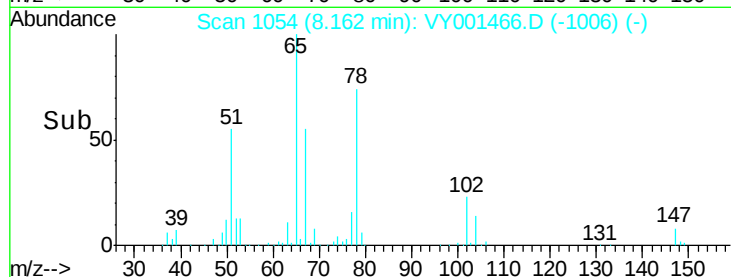
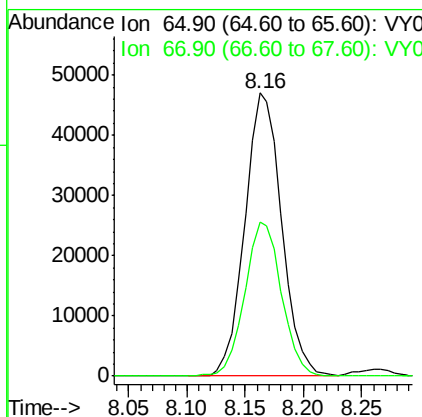
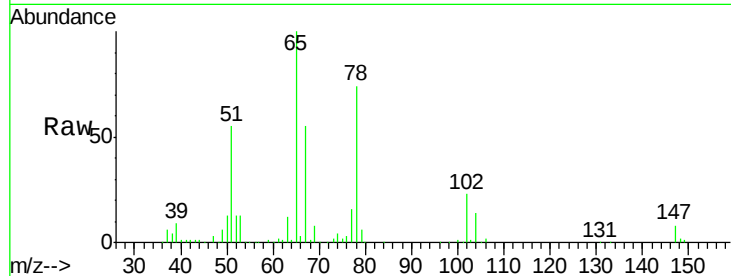
#33
 1,2-Dichloroethane-d4
 Concen: 50.574 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001466.D
 Acq: 03 Feb 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	108.6

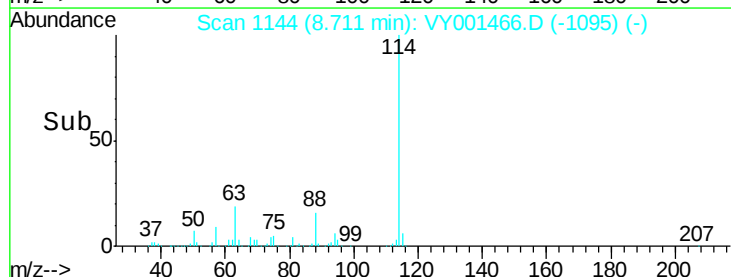
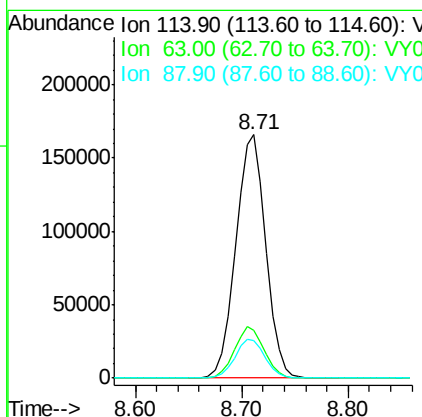
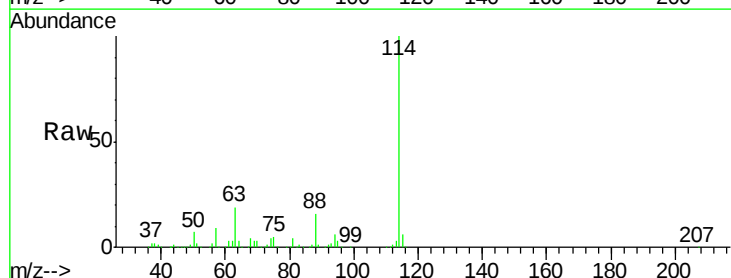
Manual Integrations
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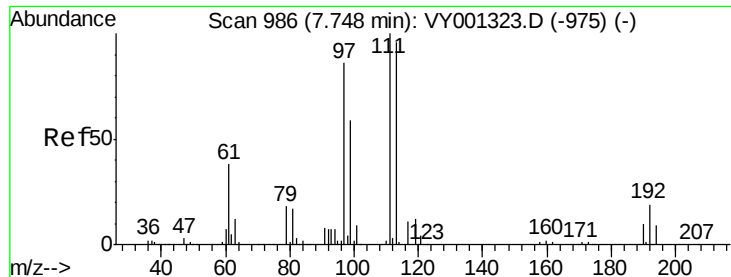
MMDadoda
 2/4/2020 11:21:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001466.D
 Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.8
88	15.6	0.0	31.0





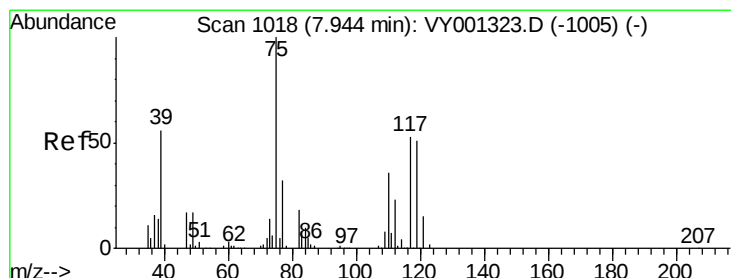
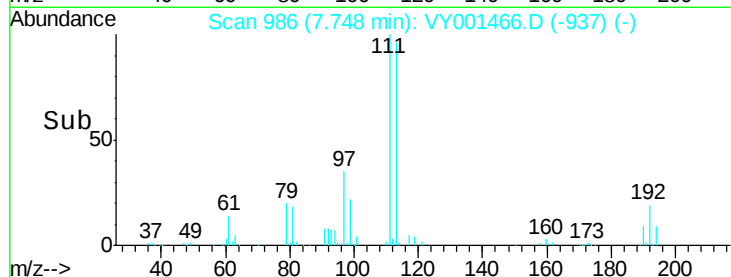
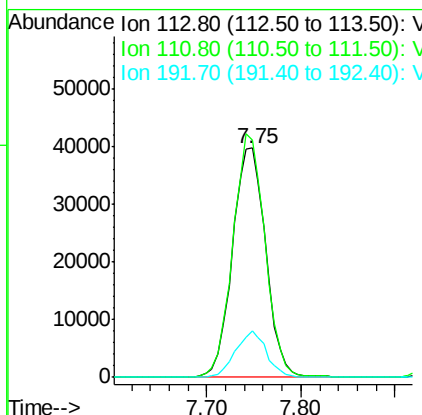
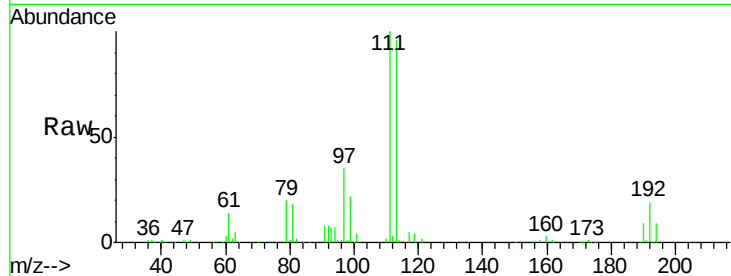
#35
 Dibromofluoromethane
 Concen: 50.990 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001466.D
 Acq: 03 Feb 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	97749		
111	102.3		82.8	124.2
192	18.7		15.5	23.3

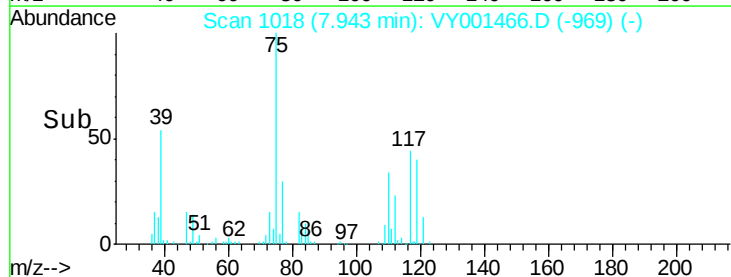
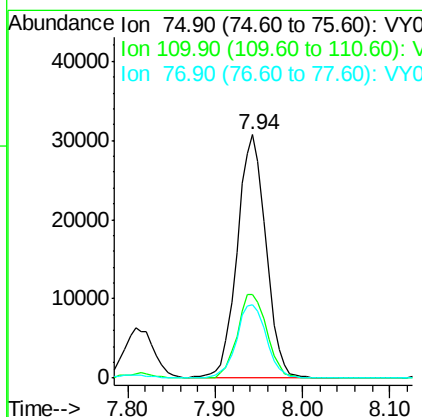
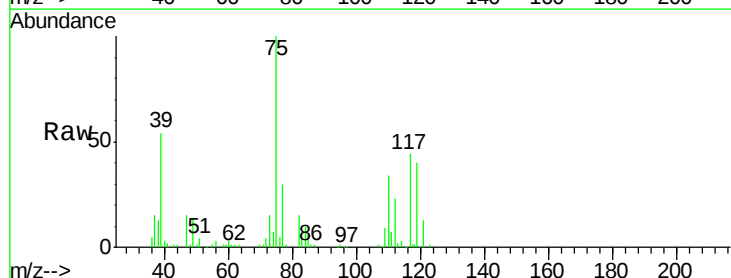
Manual Integrations
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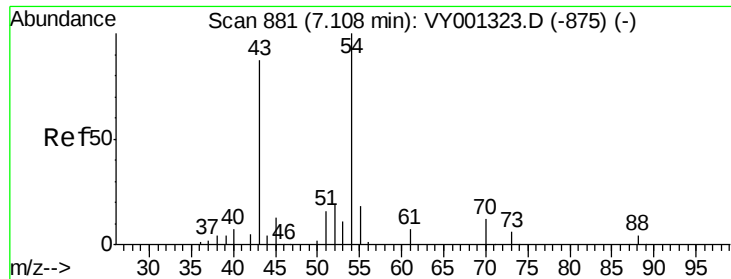
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#36
 1,1-Dichloropropene
 Concen: 22.667 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VY001466.D
 Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69948		
110	35.4		17.6	52.8
77	31.5		24.7	37.1





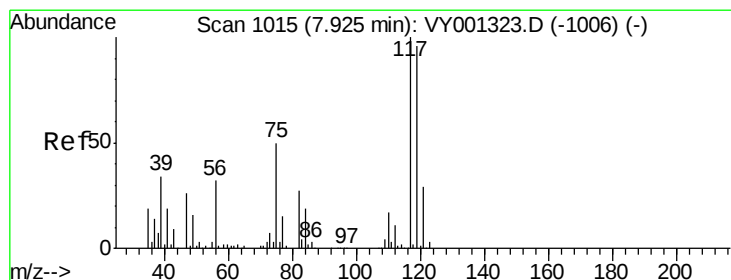
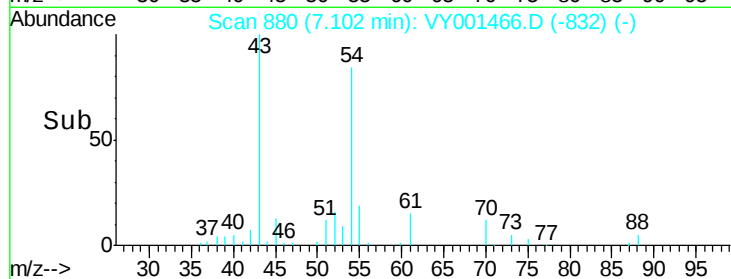
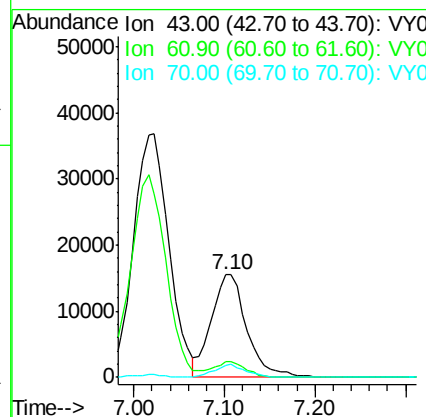
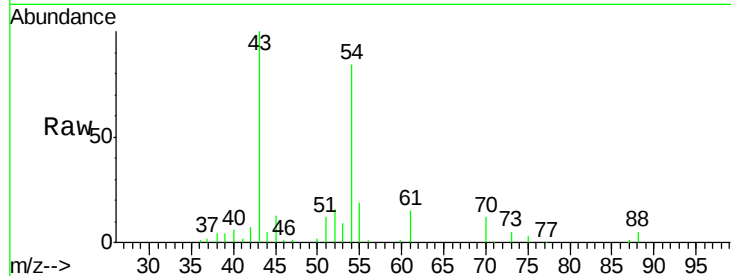
#37
Ethyl Acetate
Concen: 22.384 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	11.1	8.7	13.1

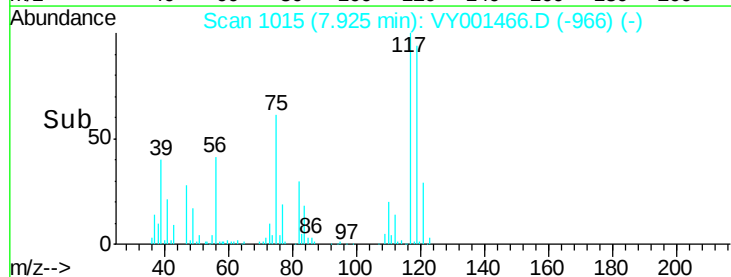
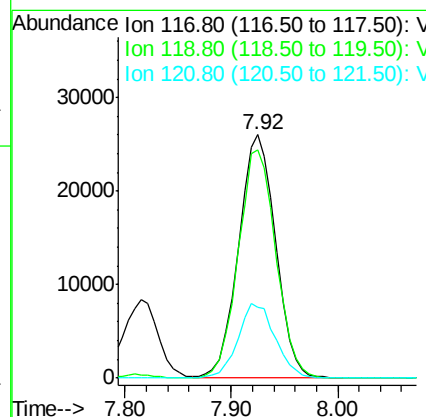
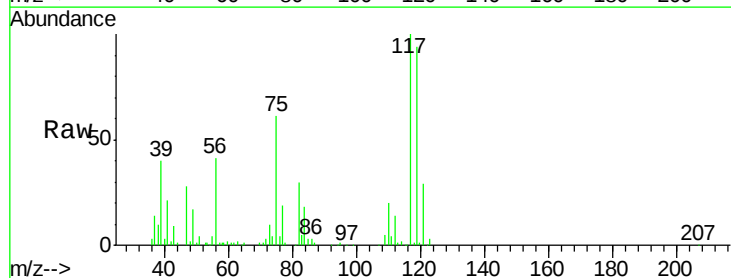
Manual Integrations
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2/4/2020 11:21:45 AM



#38
Carbon Tetrachloride
Concen: 23.099 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.3	114.5
121	29.1	23.5	35.3





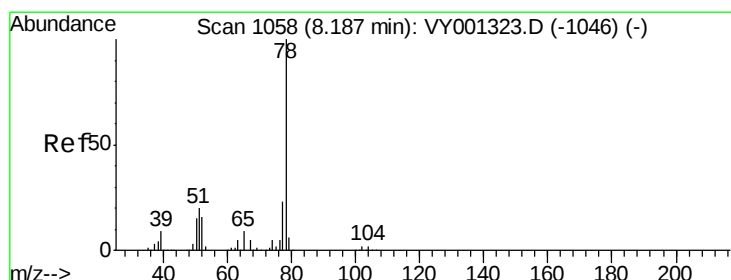
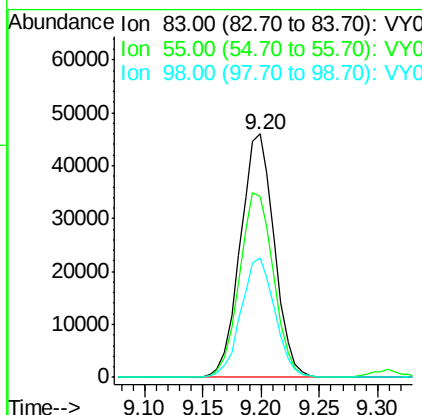
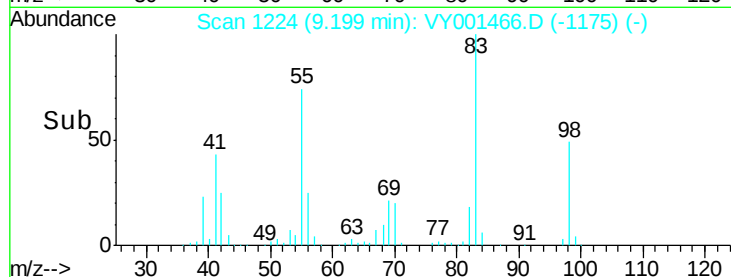
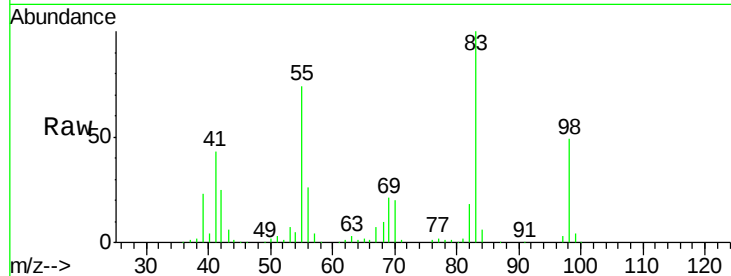
#39
Methvlcvclohexane
Concen: 23.690 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	83	Resp	93650
Ion Ratio	100	Lower	Upper
83	100		
55	74.2	60.7	91.1
98	49.1	37.8	56.8

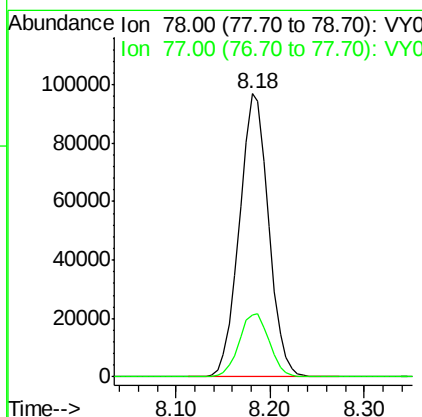
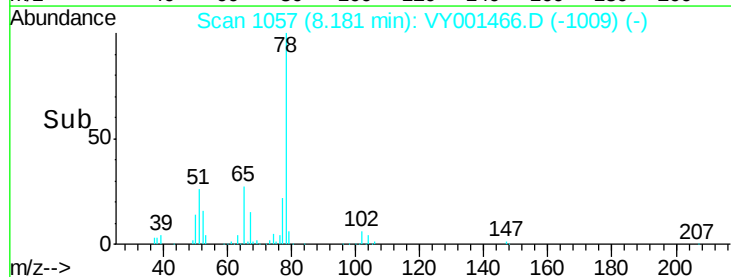
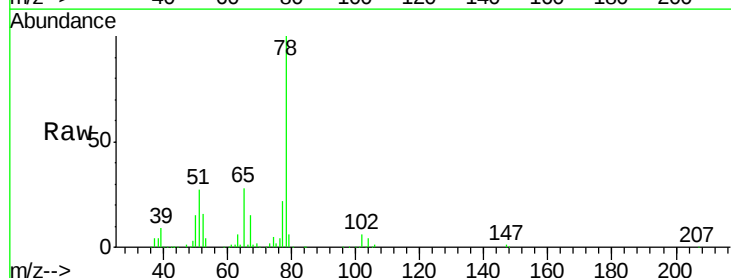
Manual Integrations
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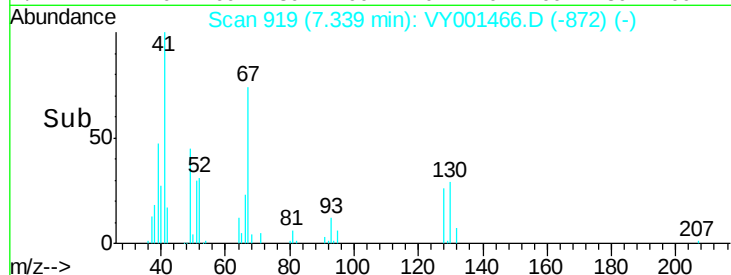
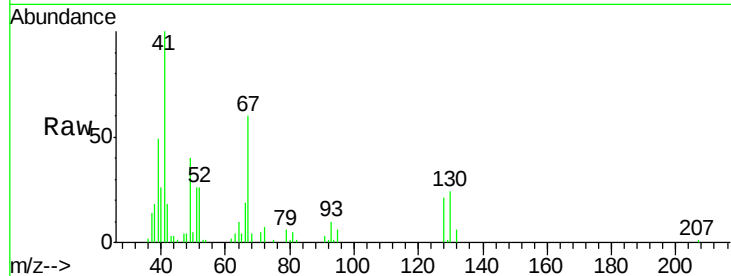
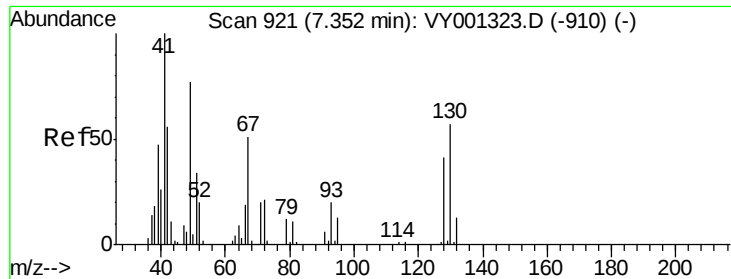
MMDadoda
2/4/2020 11:21:45 AM



#40
Benzene
Concen: 22.726 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	78	Resp	210272
Ion Ratio	100	Lower	Upper
78	100		
77	21.9	18.6	27.8





#41

Methacrylonitrile

Concen: 19.343 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Tot Ion	41	Resp	18819
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 :

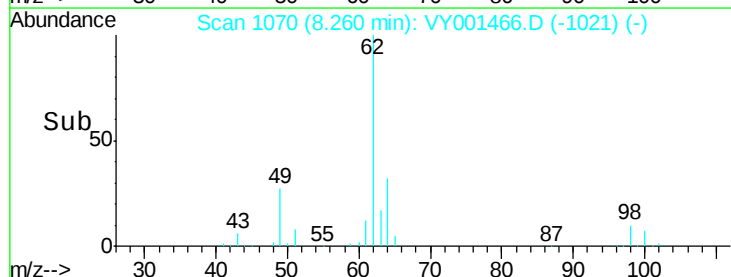
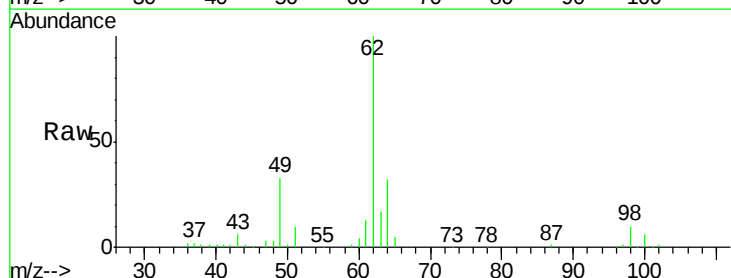
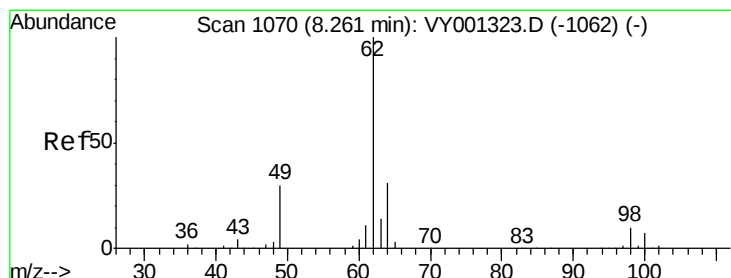
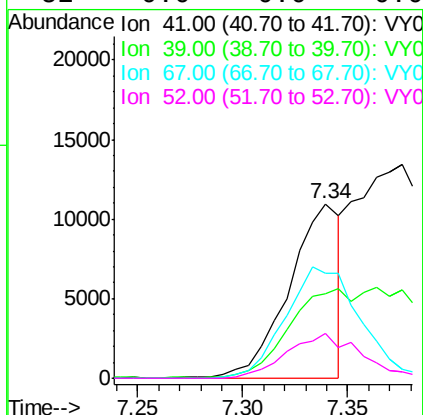
MSVOA_Y

ClientSampleId :

VY0203SBS01

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 22.109 ug/l

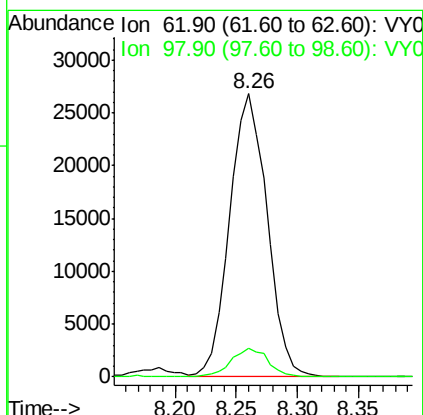
RT: 8.26 min Scan# 1070

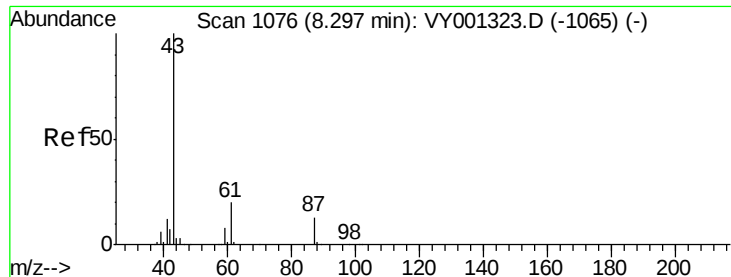
Delta R.T. -0.00 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Tgt Ion	62	Resp	57160
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	20.8





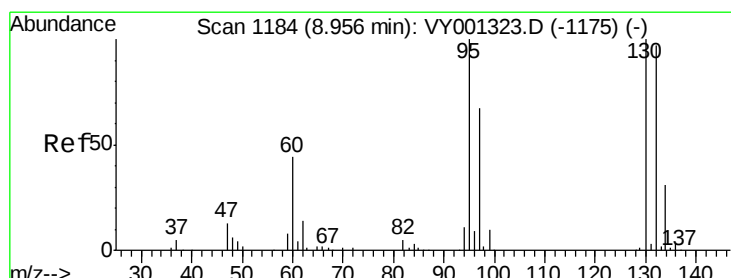
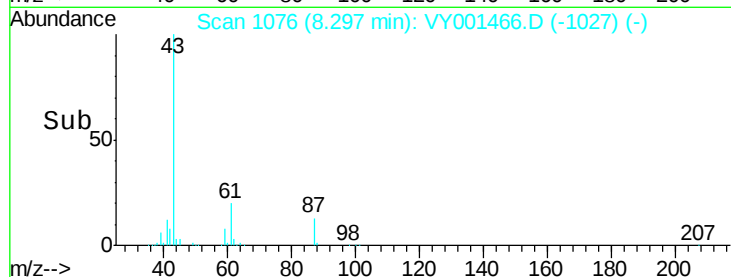
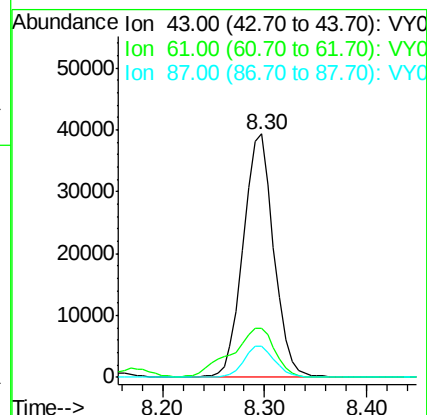
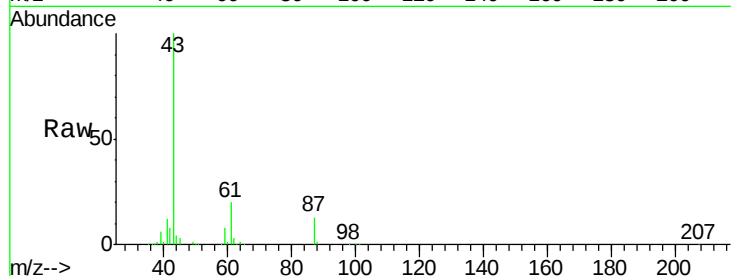
#43
Isopropyl Acetate
Concen: 22.287 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.1	22.7	34.1
87	12.9	11.0	16.4

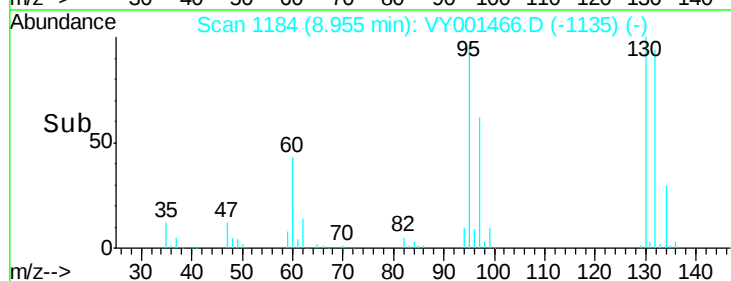
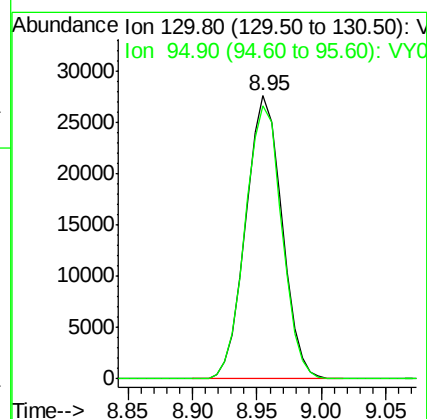
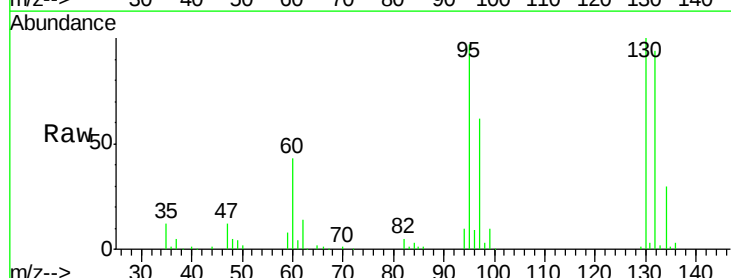
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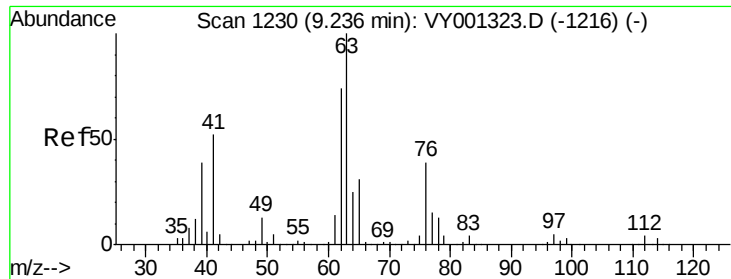
MMDadoda
2/4/2020 11:21:45 AM



#44
Trichloroethene
Concen: 22.626 ug/l
RT: 8.95 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	200.0





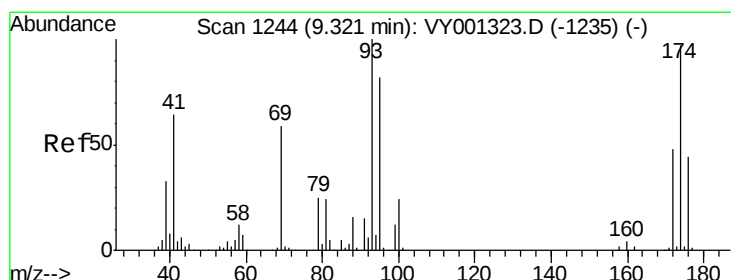
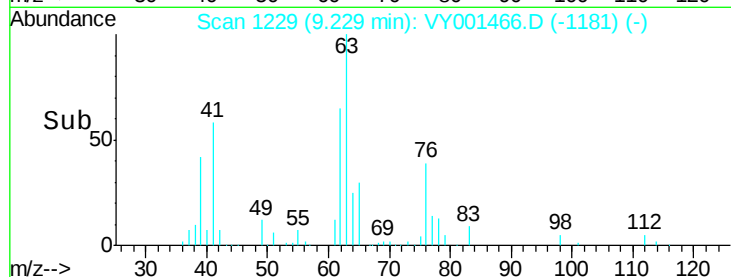
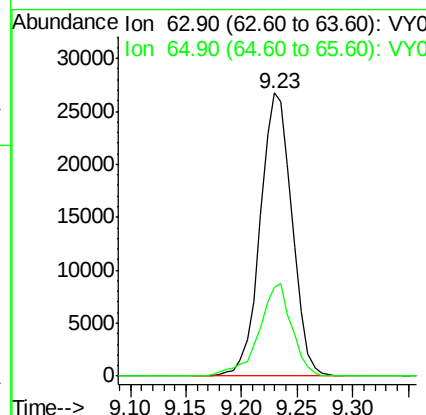
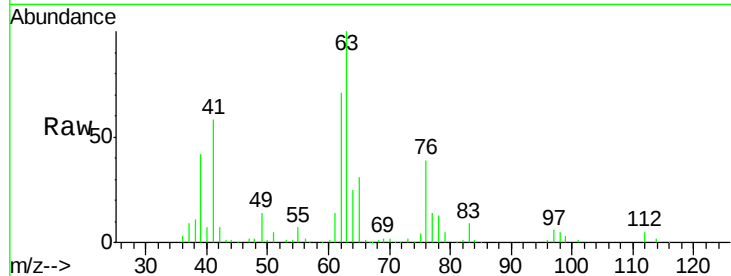
#45
 1,2-Dichloropropane
 Concen: 22.755 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001466.D
 Acq: 03 Feb 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.9	37.3

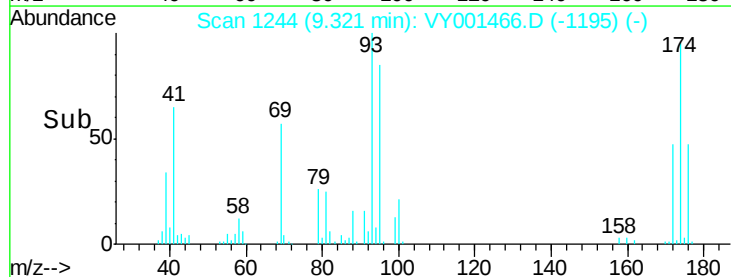
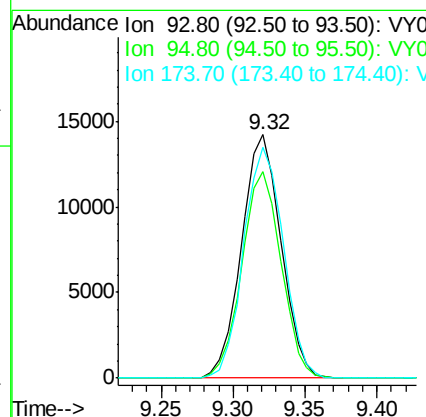
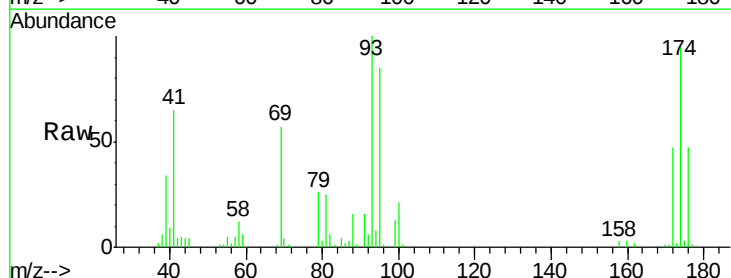
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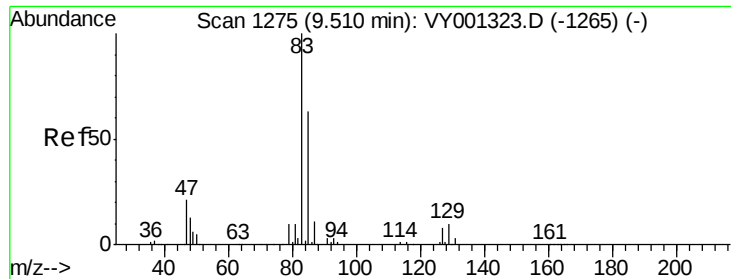
MMDadoda
 2/4/2020 11:21:45 AM



#46
 Dibromomethane
 Concen: 21.571 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001466.D
 Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	66.5	99.7
174	94.9	77.9	116.9





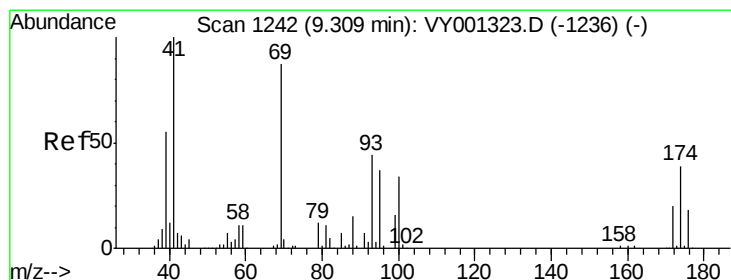
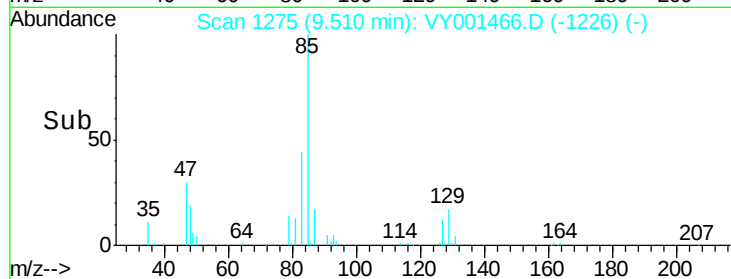
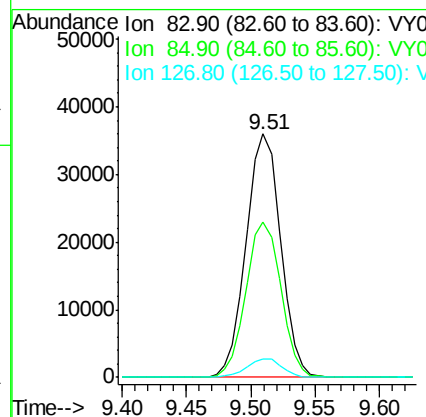
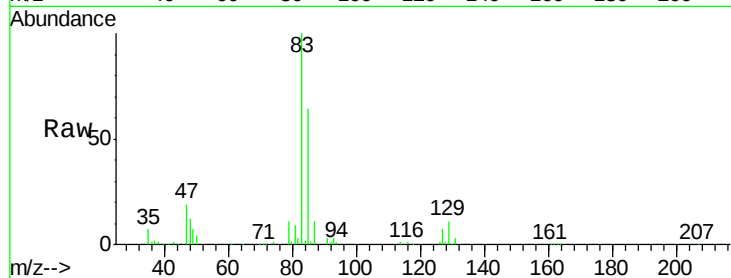
#47
Bromodichloromethane
Concen: 22.241 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	83	Resp	66762
Ion Ratio	100	Lower	Upper
83	100		
85	63.6	50.2	75.2
127	7.4	6.4	9.6

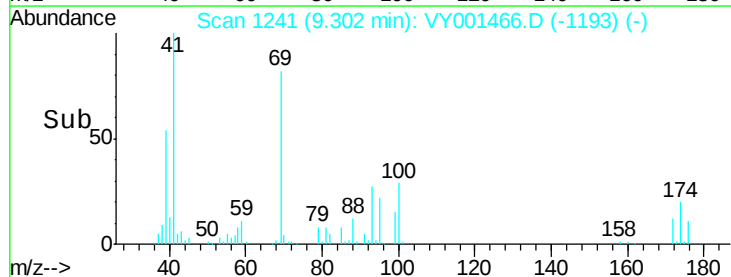
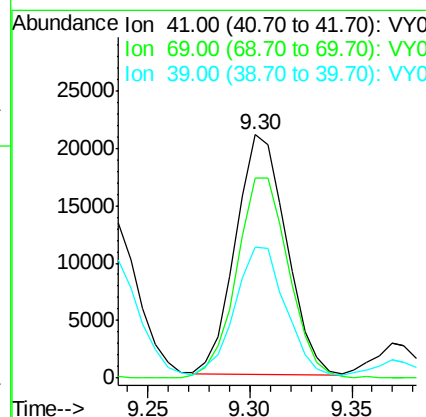
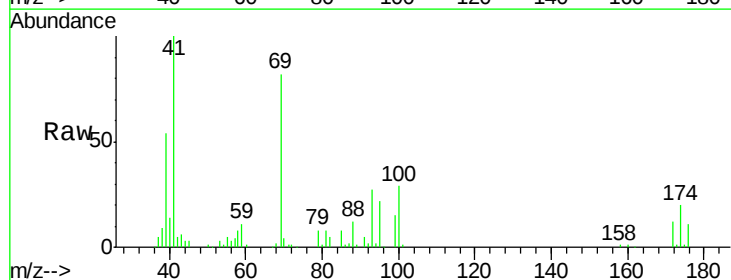
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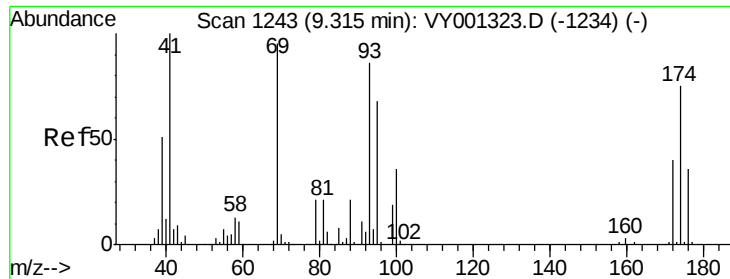
MMDadoda
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#48
Methyl methacrylate
Concen: 21.693 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	41	Resp	36153
Ion Ratio	100	Lower	Upper
41	100		
69	85.7	70.2	105.4
39	55.4	45.7	68.5





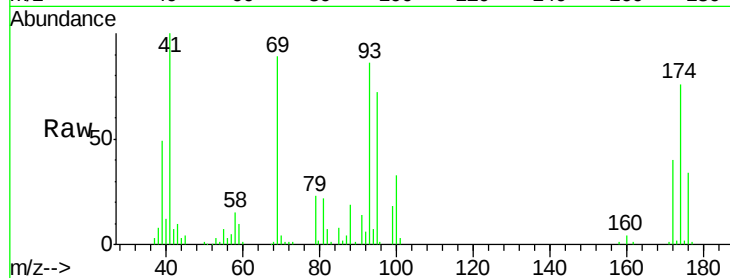
#49
1,4-Dioxane
Concen: 412.638 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

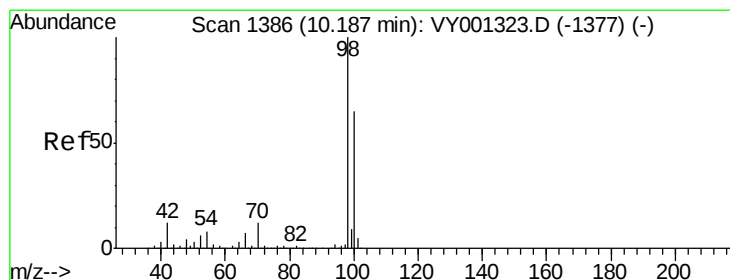
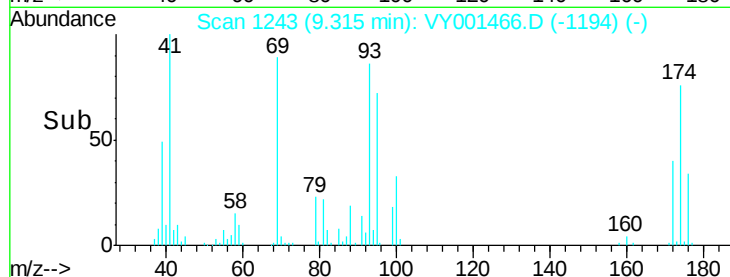
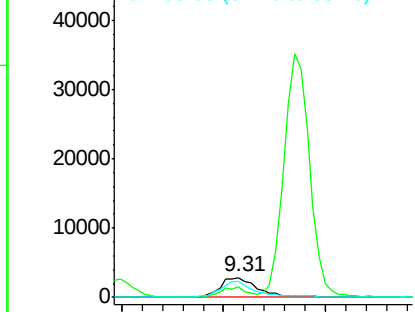
Tot Ion	Ratio	Lower	Upper
88	100		
43	38.8	28.2	42.2
58	76.0	55.6	83.4

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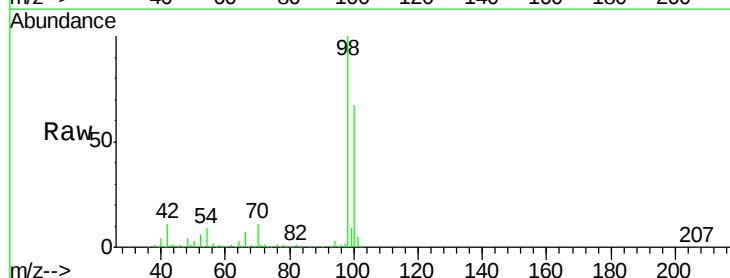


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

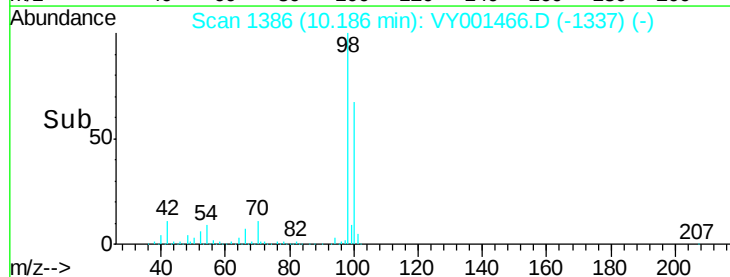
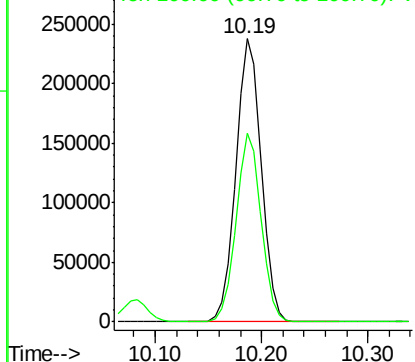


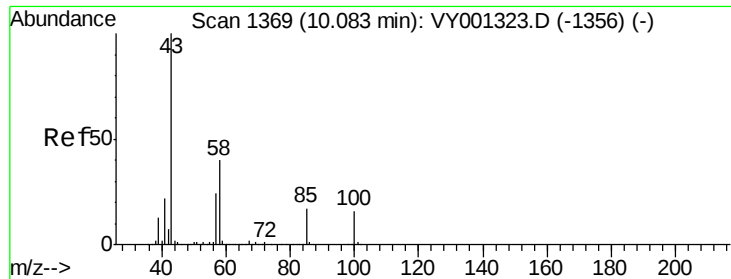
#50
Toluene-d8
Concen: 53.273 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 109.998 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

Tot Ion: 43 Resp: 207673

Ion Ratio Lower Upper

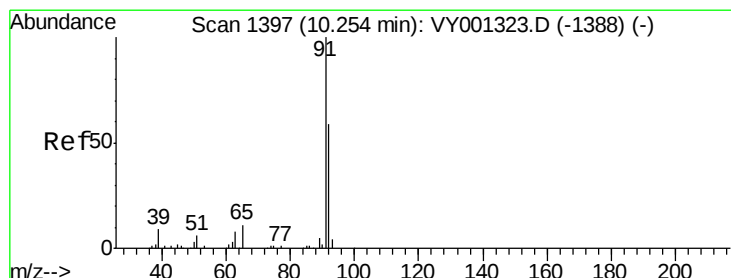
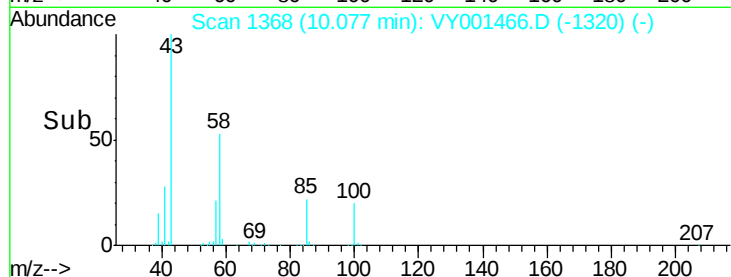
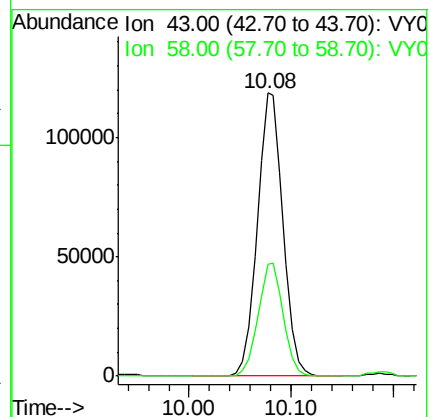
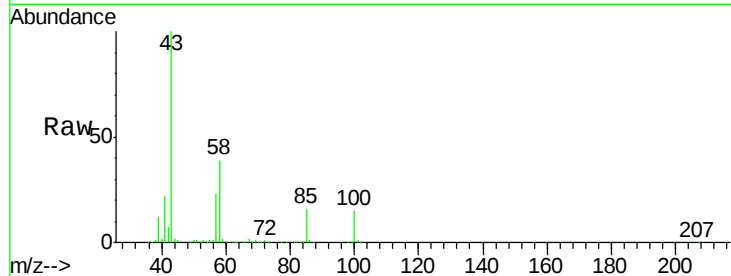
43 100

58 39.3 31.5 47.3

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#52

Toluene

Concen: 22.423 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY001466.D

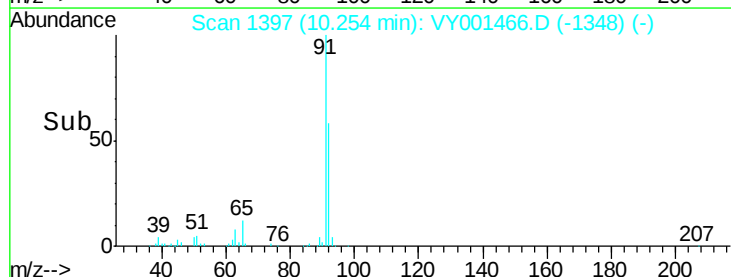
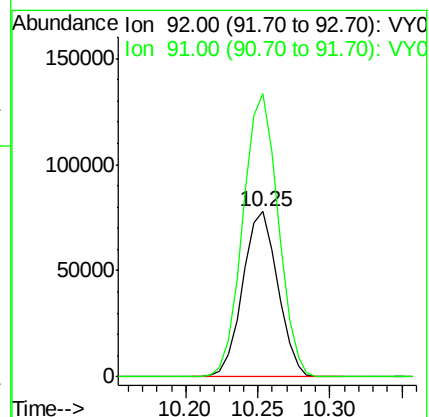
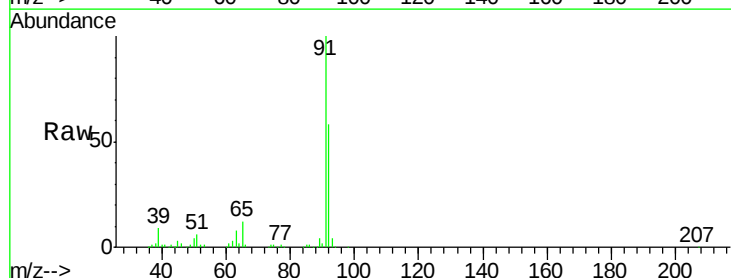
Acq: 03 Feb 2020 12:09

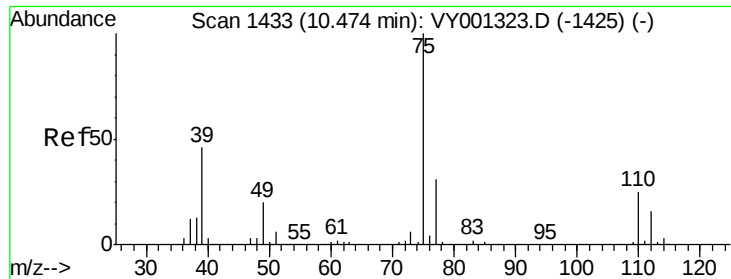
Tgt Ion: 92 Resp: 131517

Ion Ratio Lower Upper

92 100

91 172.5 136.4 204.6





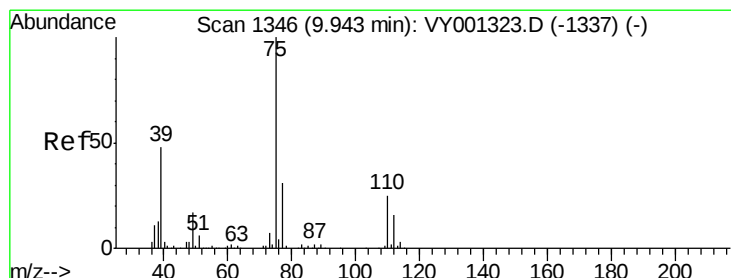
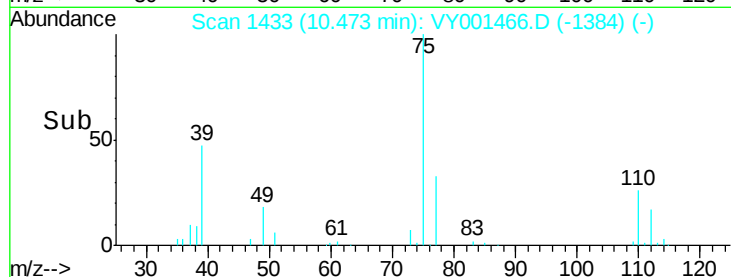
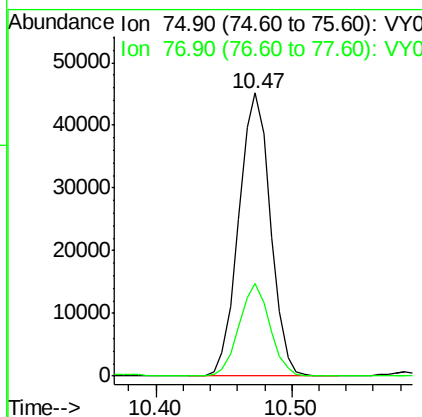
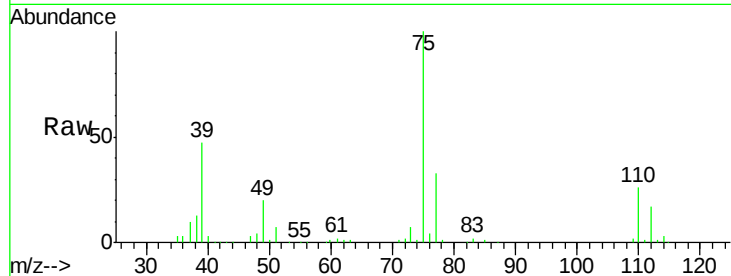
#53
t-1,3-Dichloropropene
Concen: 22.118 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.2	37.8

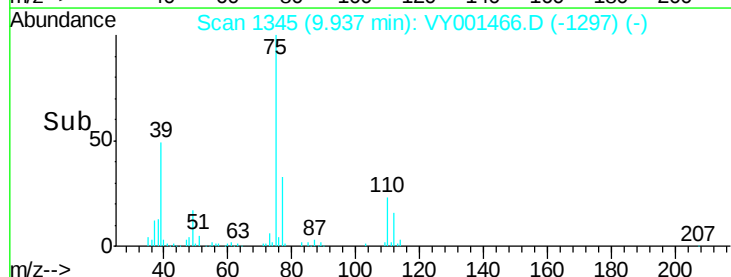
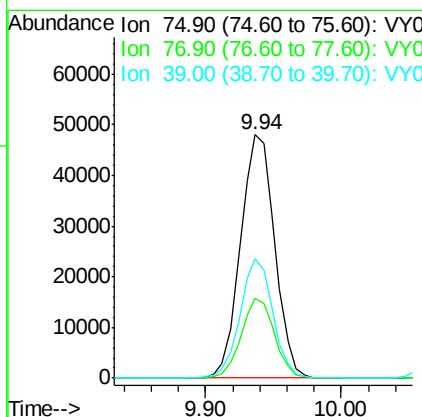
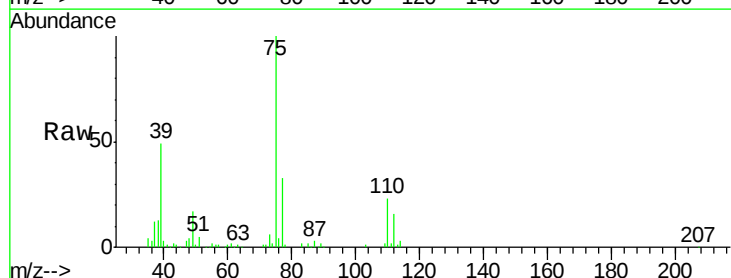
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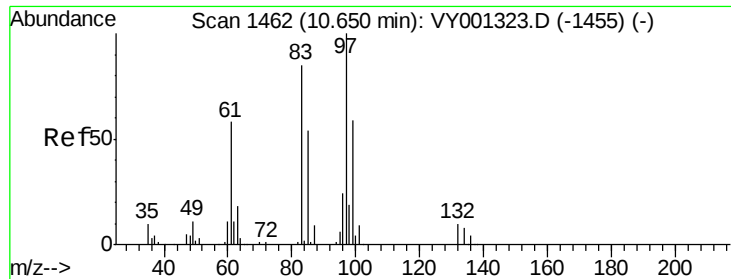
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#54
cis-1,3-Dichloropropene
Concen: 22.098 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.0	37.6
39	49.2	38.2	57.4





#55

1,1,2-Trichloroethane

Concen: 22.427 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

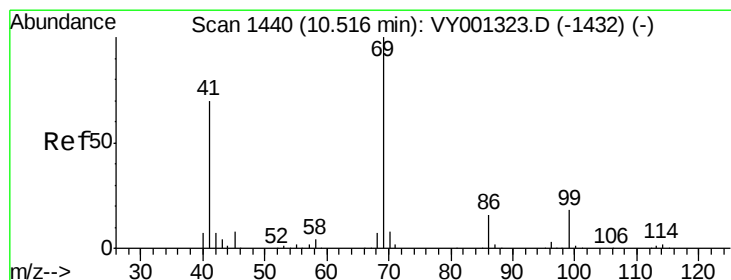
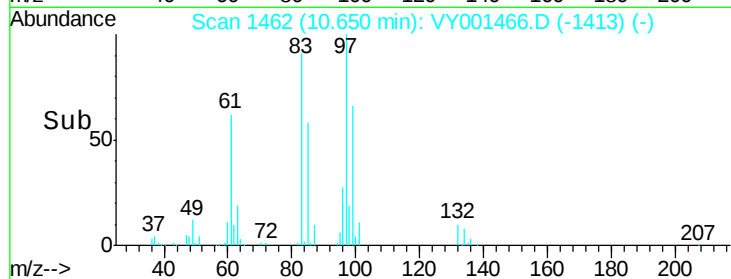
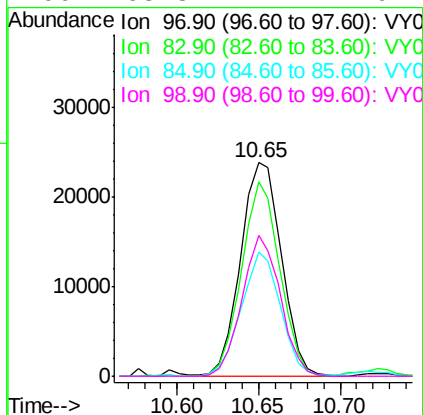
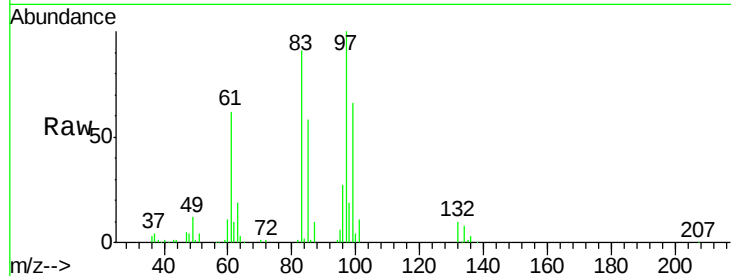
ClientSampleId :

VY0203SBS01

Tot Ion:	97	Resp:	41566
Ion	Ratio	Lower	Upper
97	100		
83	91.4	68.0	102.0
85	58.2	43.6	65.4
99	65.8	47.1	70.7

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#56

Ethyl methacrylate

Concen: 21.797 ug/l

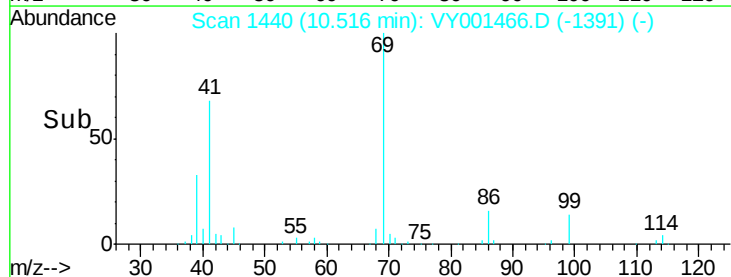
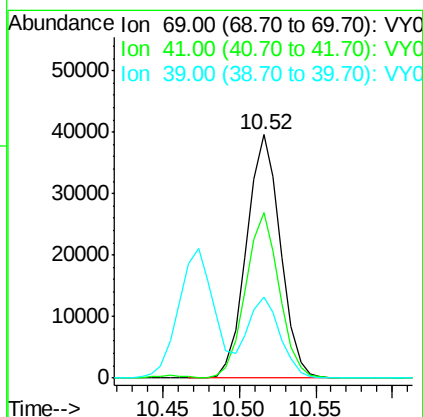
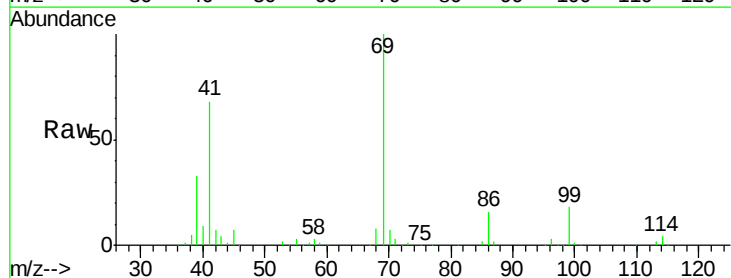
RT: 10.52 min Scan# 1440

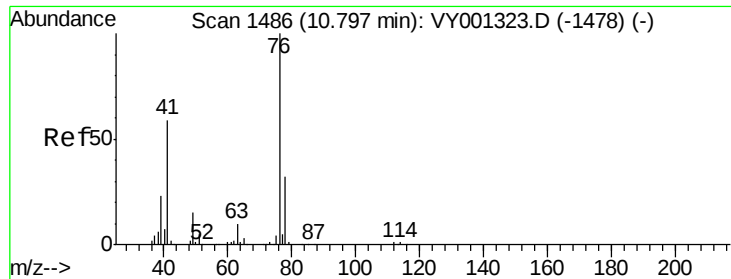
Delta R.T. -0.00 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Tgt Ion:	69	Resp:	61060
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.1	81.1
39	31.7	26.8	40.2





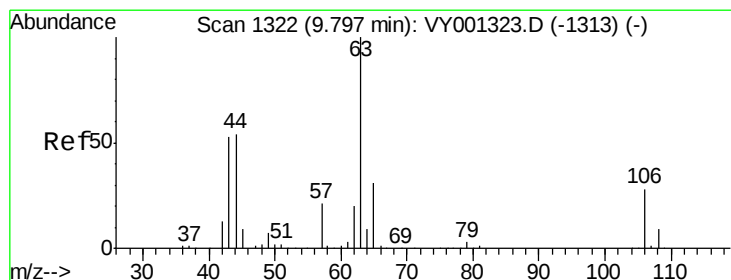
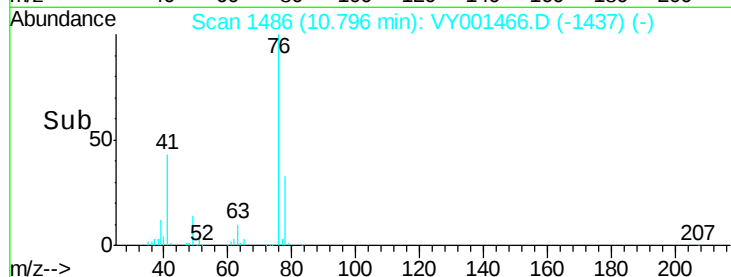
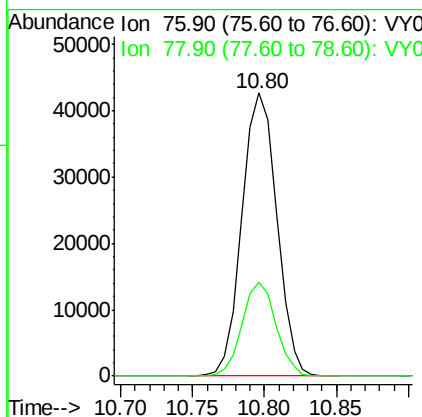
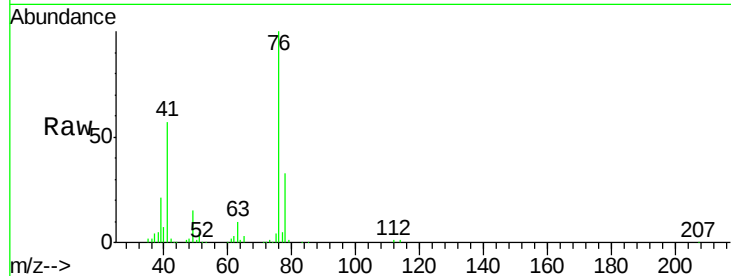
#57
 1,3-Dichloropropane
 Concen: 22.195 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY001466.D
 Acq: 03 Feb 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

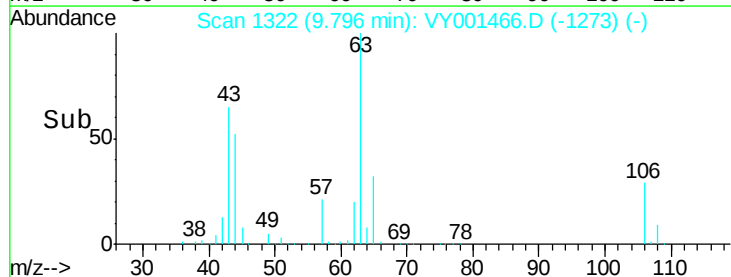
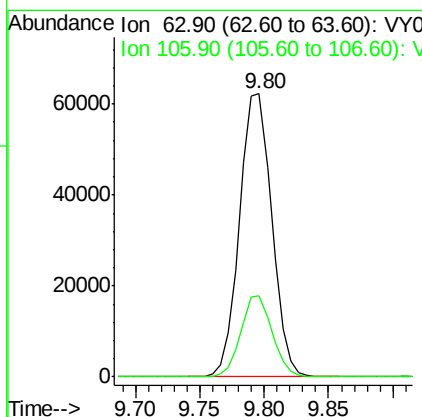
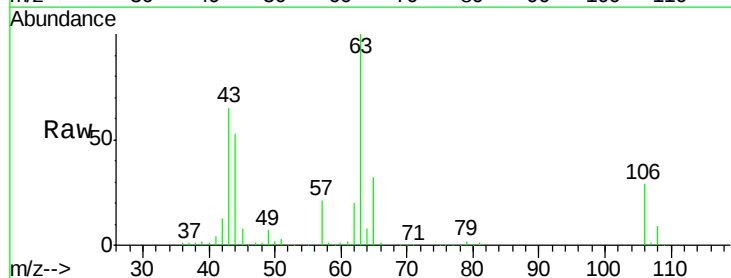
Manual Integrations
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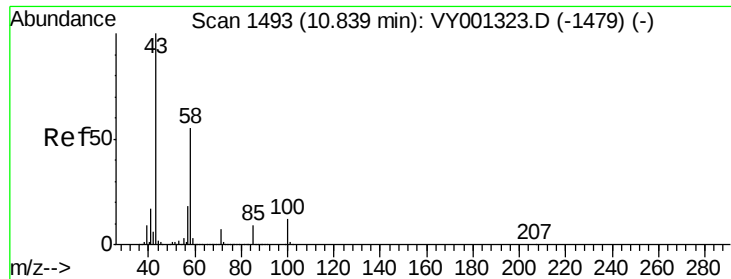
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 2/4/2020 11:21:45 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.103 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001466.D
 Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.5	33.7





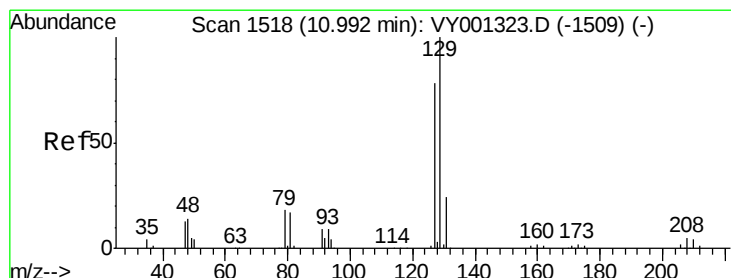
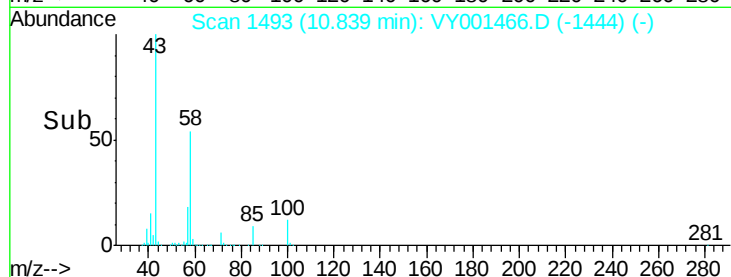
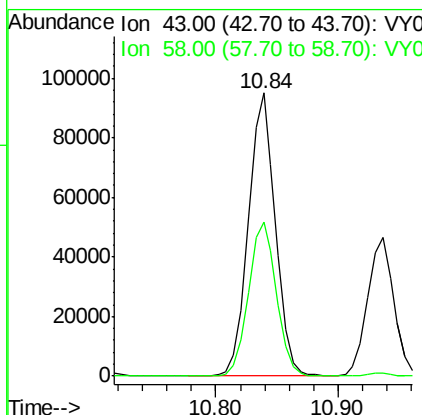
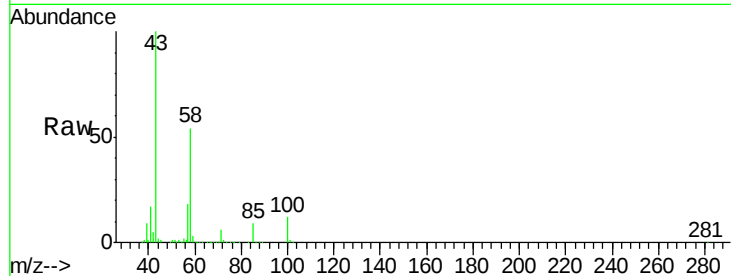
#59
2-Hexanone
Concen: 110.926 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.3	27.6	82.8

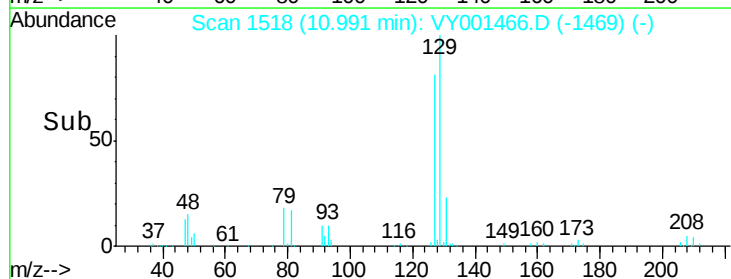
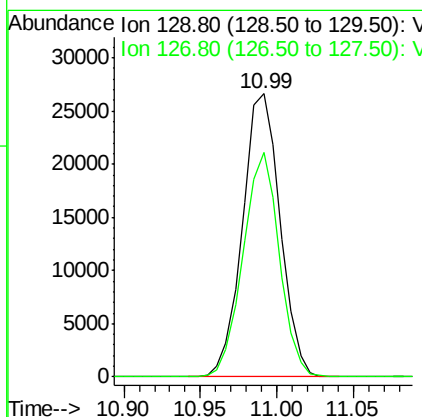
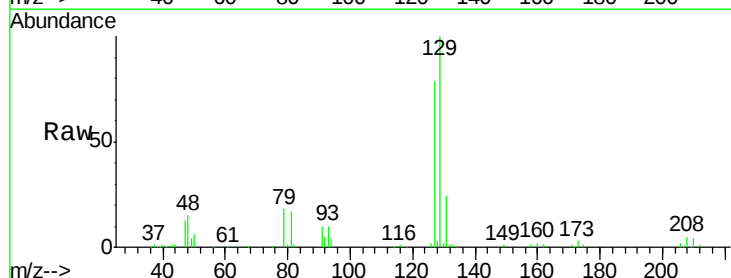
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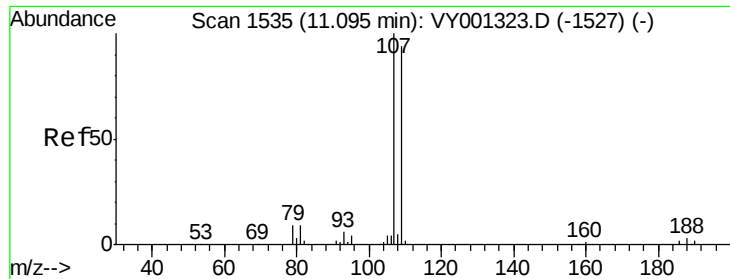
MMDadoda
2/4/2020 11:21:45 AM



#60
Dibromochloromethane
Concen: 21.943 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.8	116.4





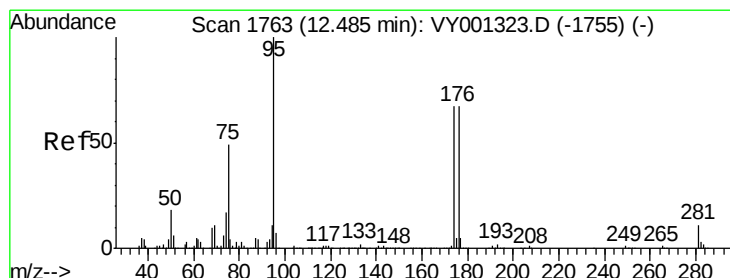
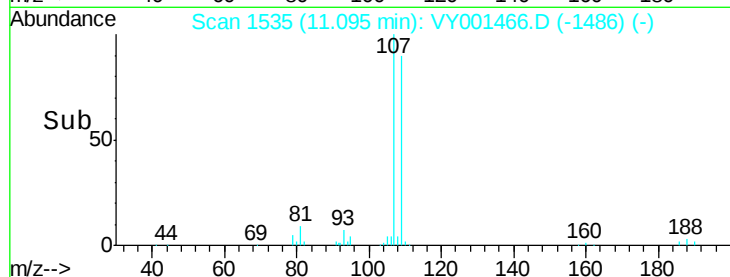
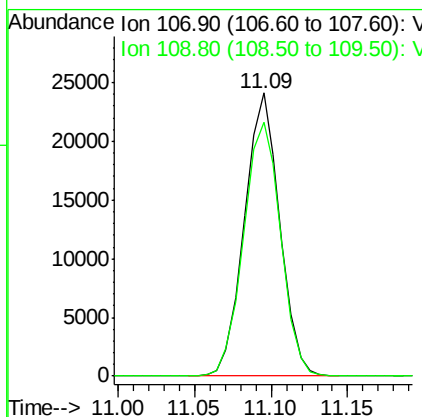
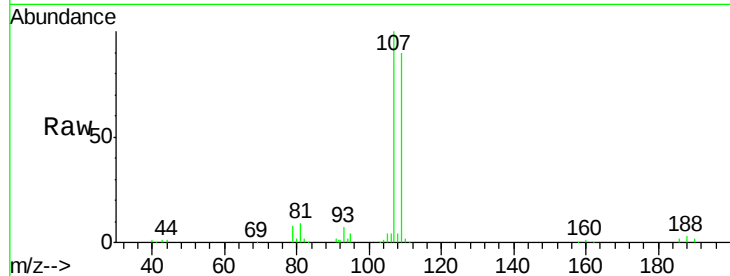
#61
1,2-Dibromoethane
Concen: 22.050 ug/l
RT: 11.09 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.0	112.6

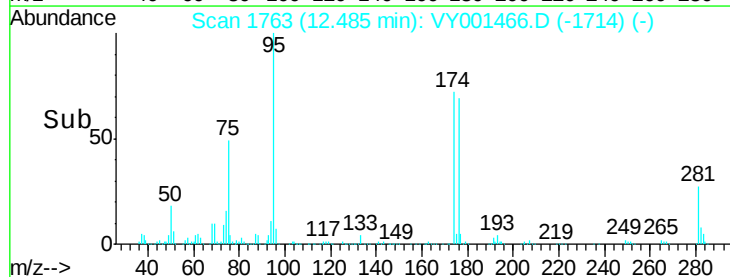
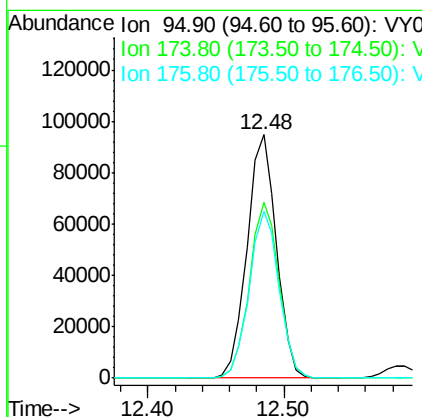
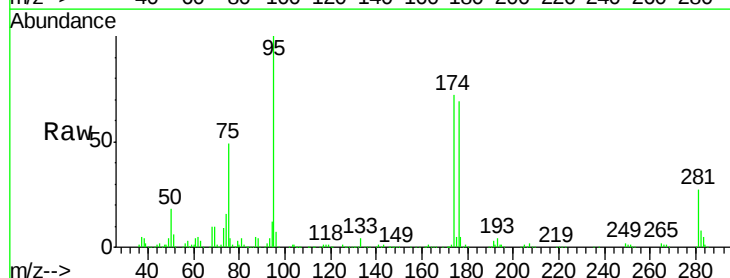
Manual Integrations
APPROVED

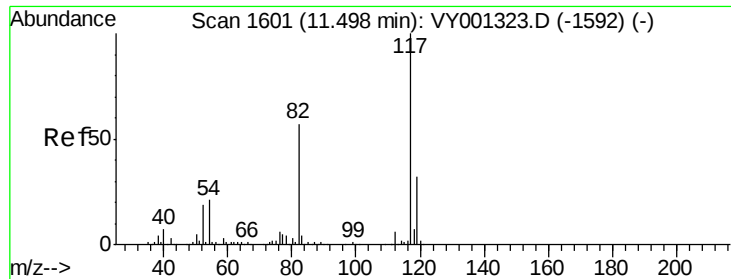
MMDadoda
2/4/2020 11:21:45 AM



#62
4-Bromofluorobenzene
Concen: 48.310 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	142.0
176	69.6	0.0	138.6





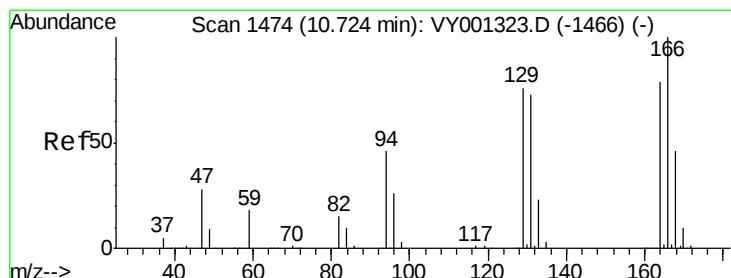
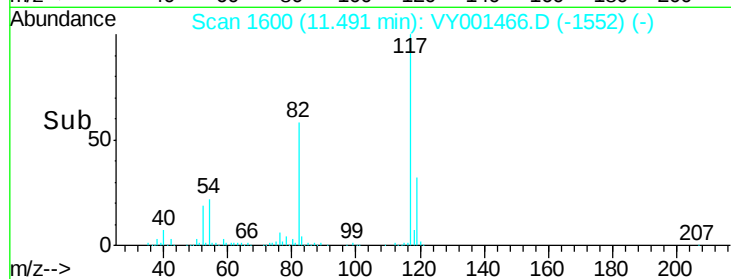
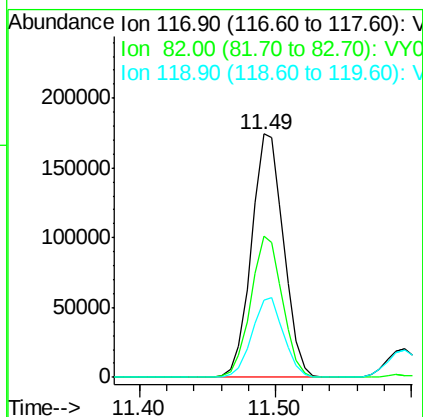
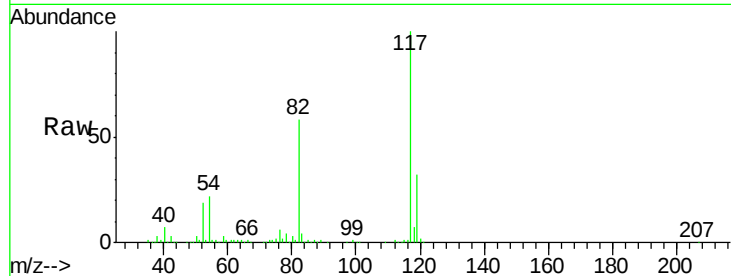
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	288949		
82	58.2		45.5	68.3
119	31.6		25.8	38.6

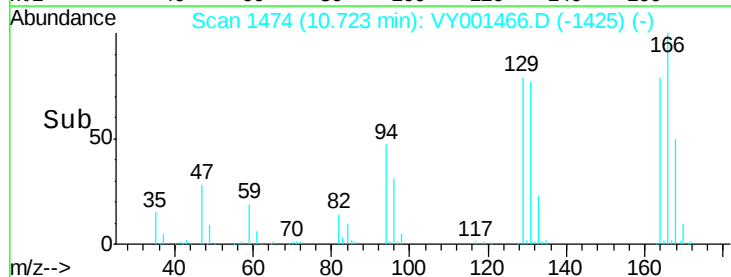
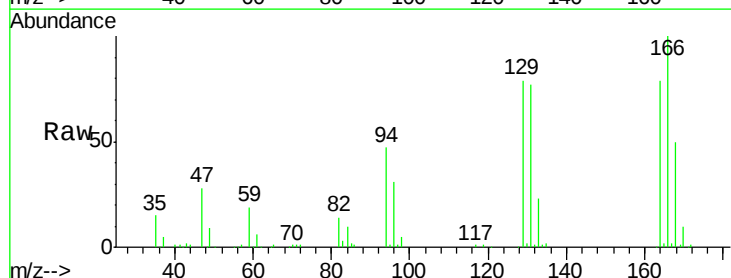
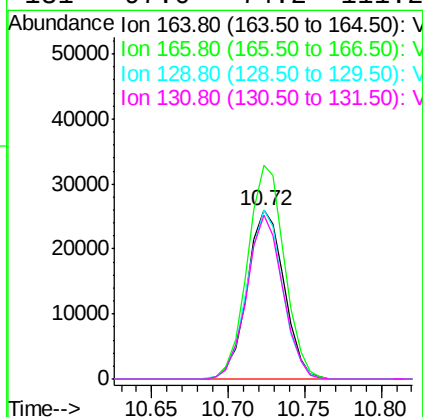
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#64
Tetrachloroethene
Concen: 23.550 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	43467		
166	126.6		101.8	152.8
129	100.3		77.1	115.7
131	97.0		74.2	111.2





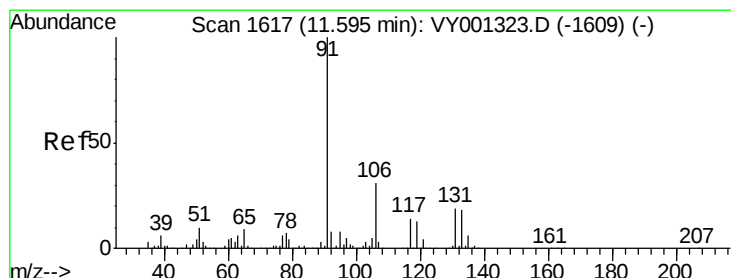
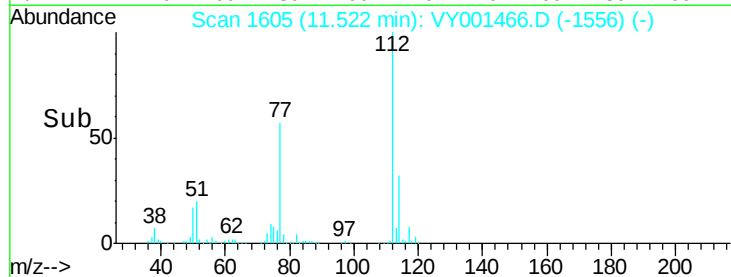
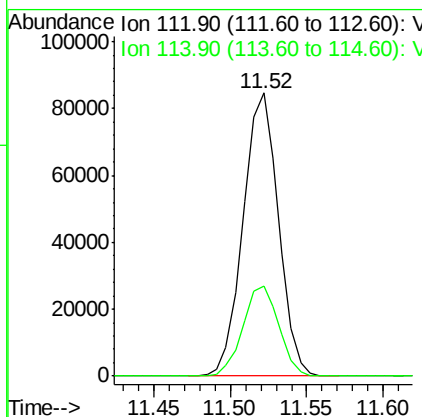
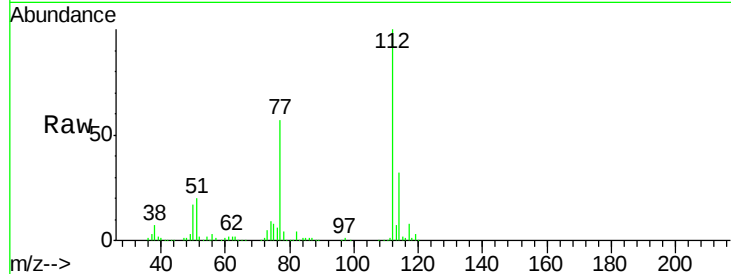
#65
Chlorobenzene
Concen: 22.274 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.8	38.6

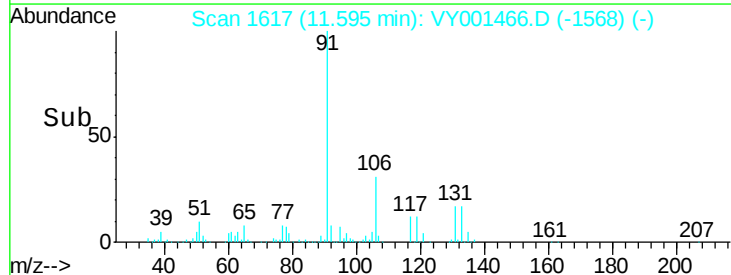
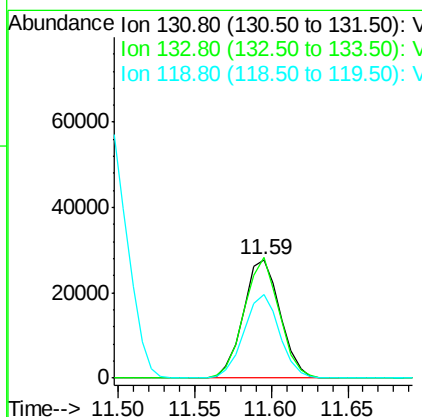
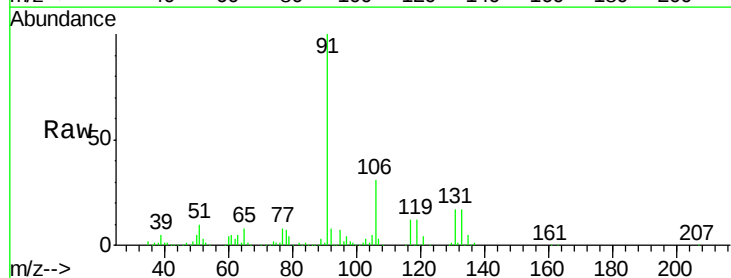
Manual Integrations
APPROVED

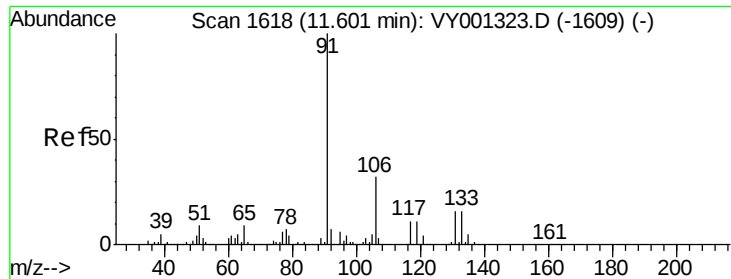
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.313 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.0	47.1	141.3
119	68.6	34.1	102.2





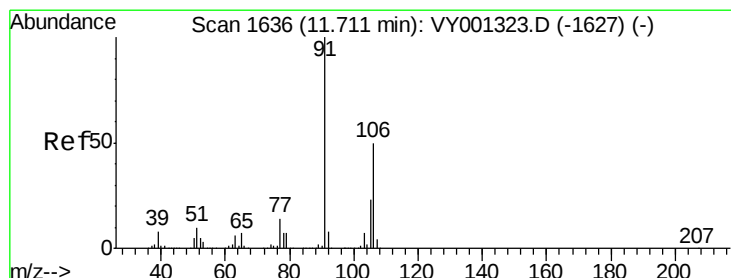
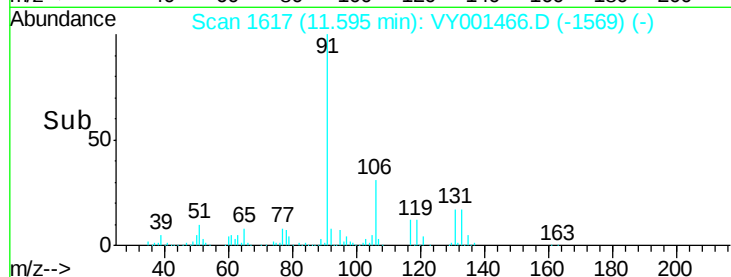
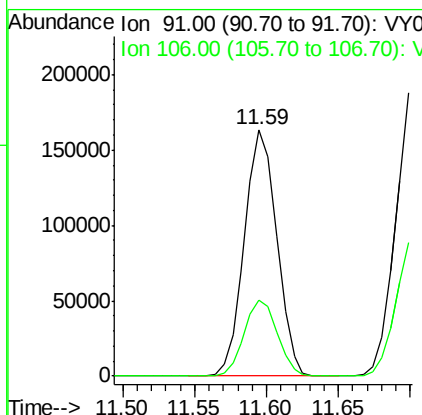
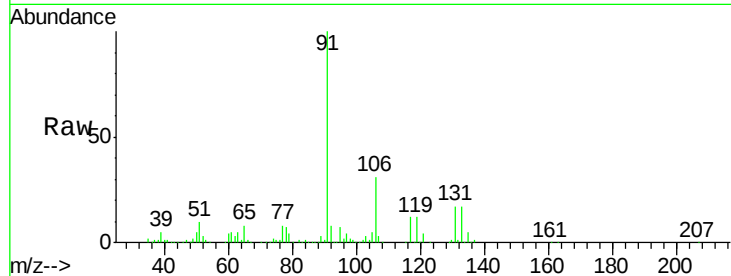
#67
Ethyl Benzene
Concen: 22.678 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion: 91 Resp: 254541
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0

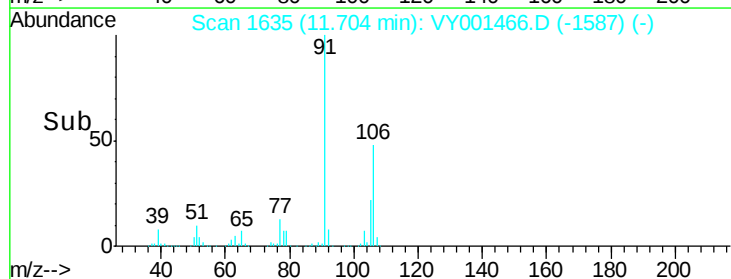
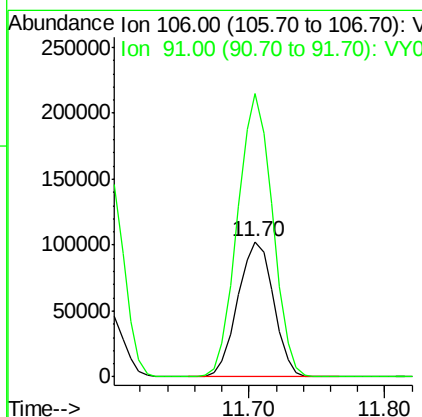
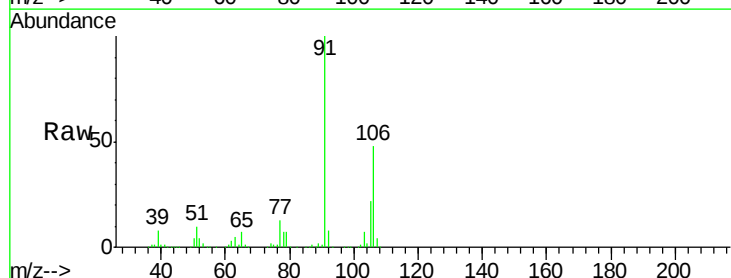
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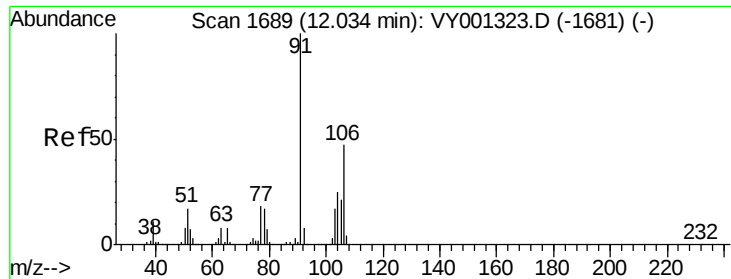
MMDadoda
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#68
m/p-Xylenes
Concen: 44.954 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion: 106 Resp: 188456
Ion Ratio Lower Upper
106 100
91 204.9 162.8 244.2





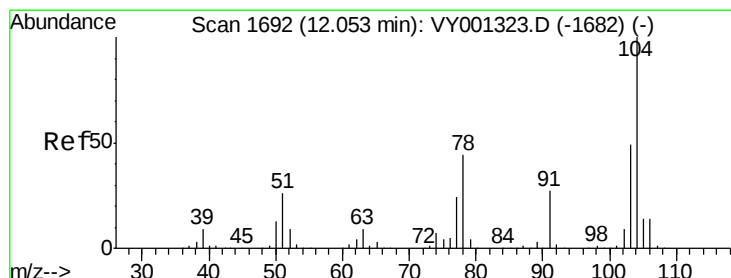
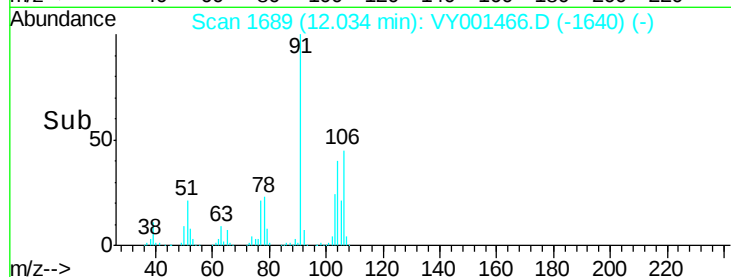
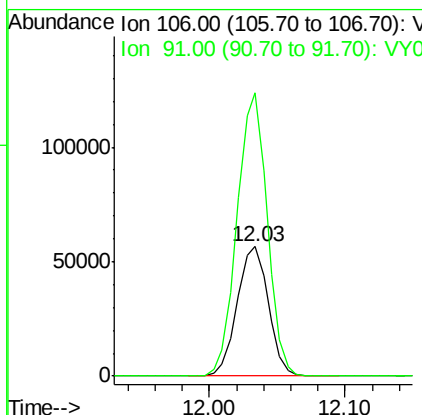
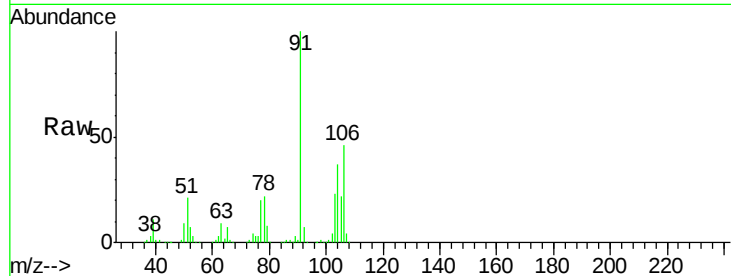
#69
o-Xylene
Concen: 22.369 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.8	106.3	319.0	

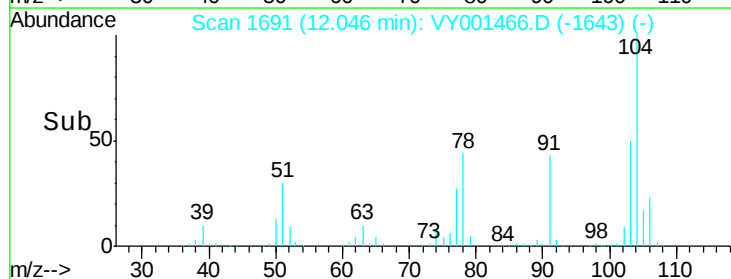
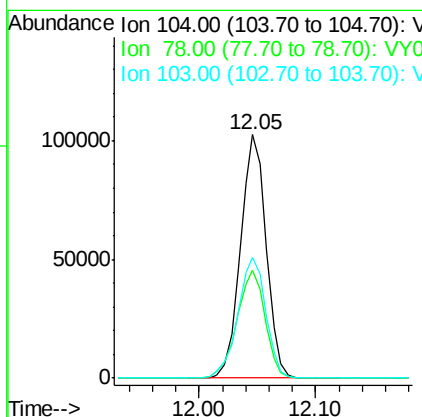
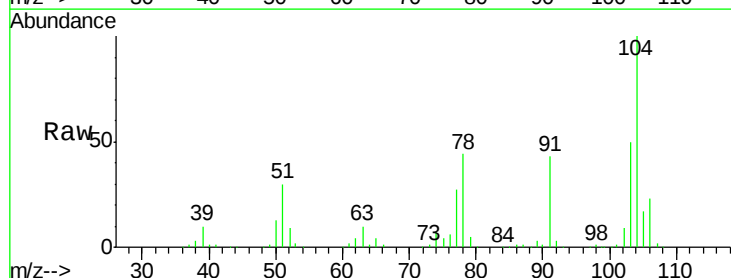
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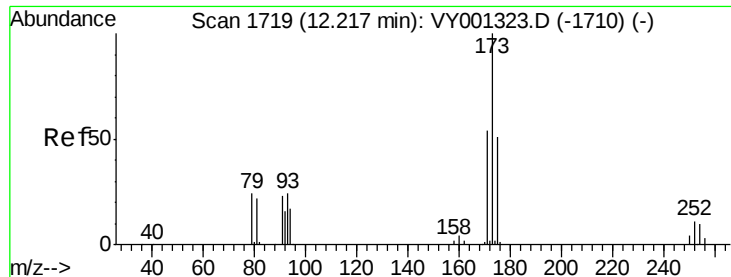
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#70
Styrene
Concen: 22.239 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.6	39.8	59.8	
103	54.0	43.2	64.8	





#71

Bromoform

Concen: 20.930 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

Tot Ion:173 Resp: 25969

Ion Ratio Lower Upper

173 100

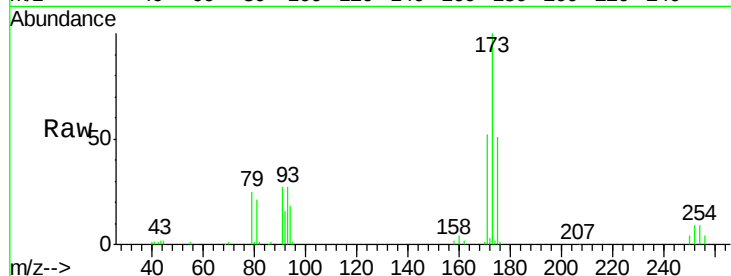
175 48.4 24.3 72.9

254 0.0 0.0 0.0

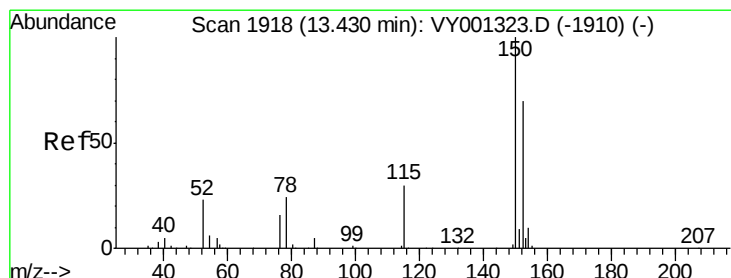
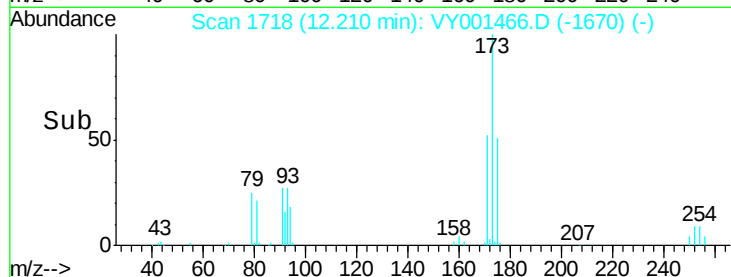
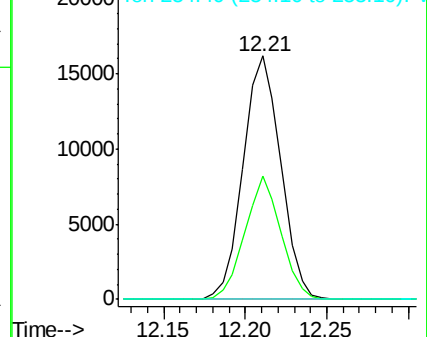
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

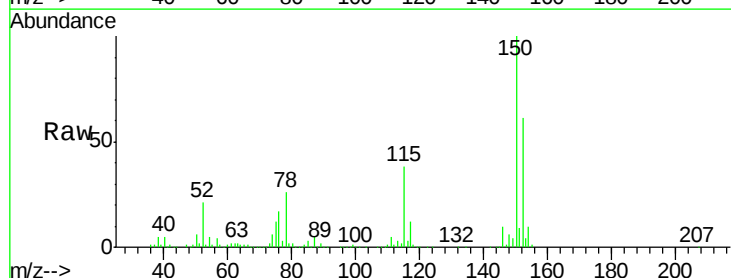
Tgt Ion:152 Resp: 134474

Ion Ratio Lower Upper

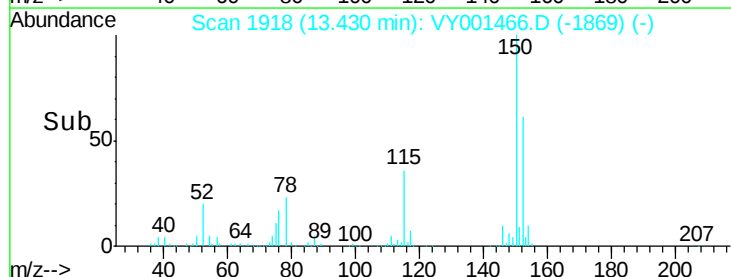
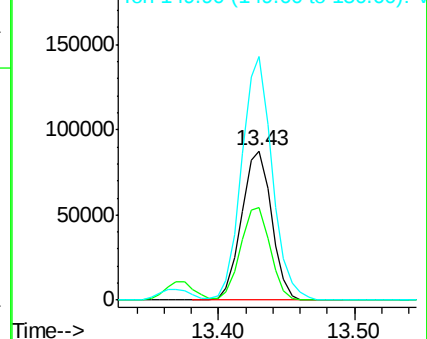
152 100

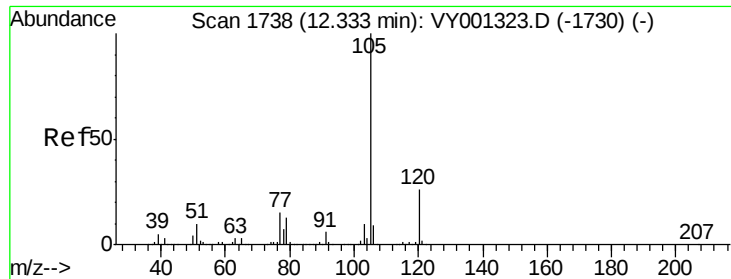
115 61.9 30.9 92.8

150 166.3 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





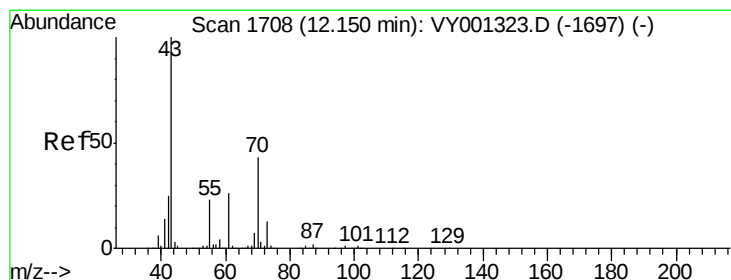
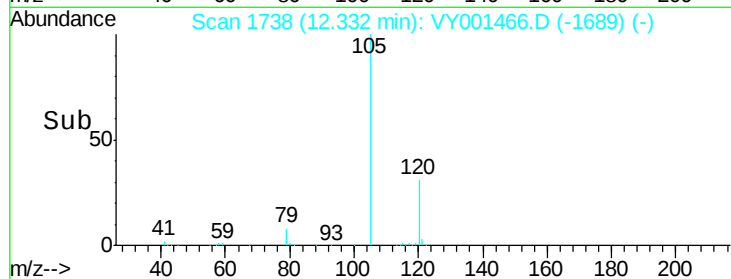
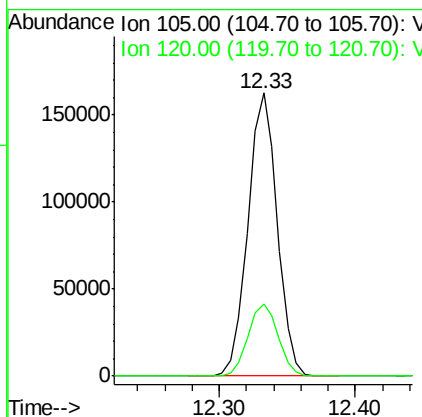
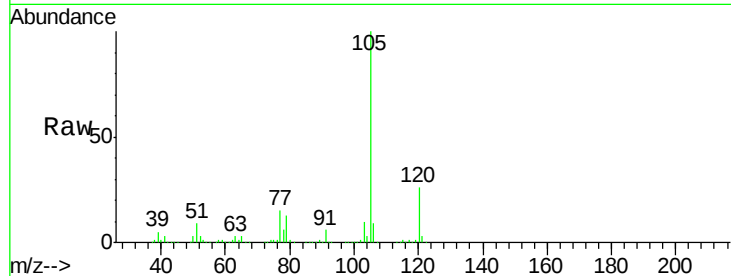
#73
Isopropylbenzene
Concen: 23.096 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	245076		
120	26.2	13.5	40.4	

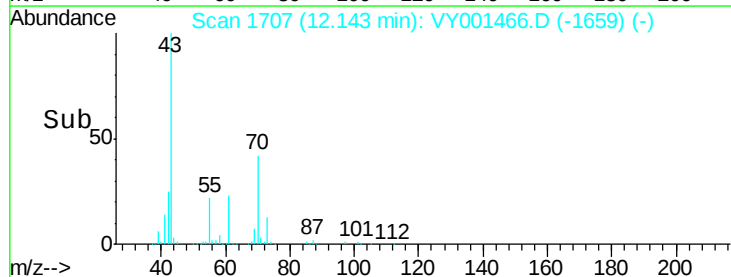
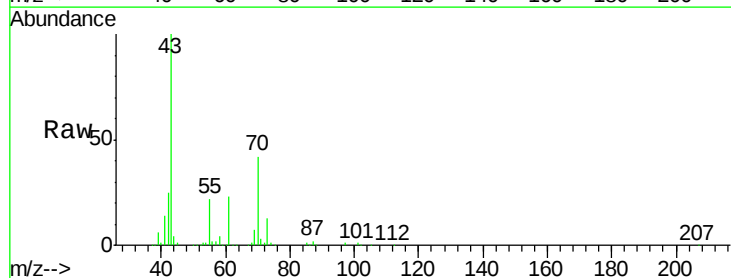
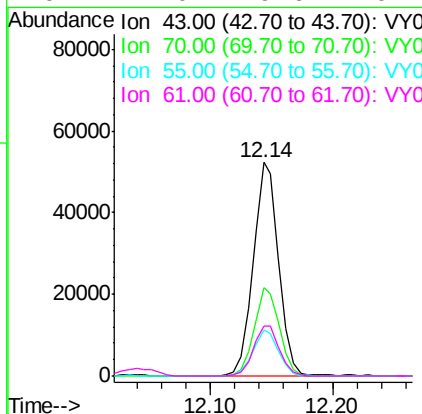
Manual Integrations
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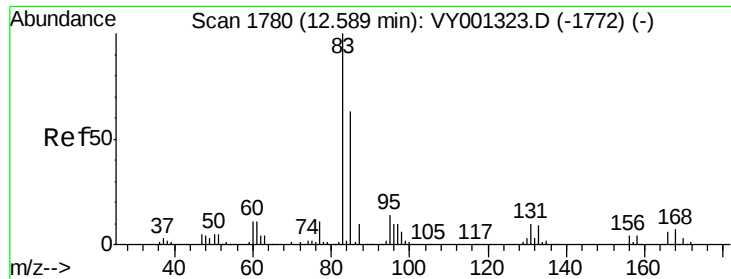
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#74
N-ethyl acetate
Concen: 21.714 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	75420		
70	41.0	33.5	50.3	
55	22.0	18.2	27.2	
61	24.0	19.6	29.4	





#75

1,1,2,2-Tetrachloroethane

Concen: 22.213 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

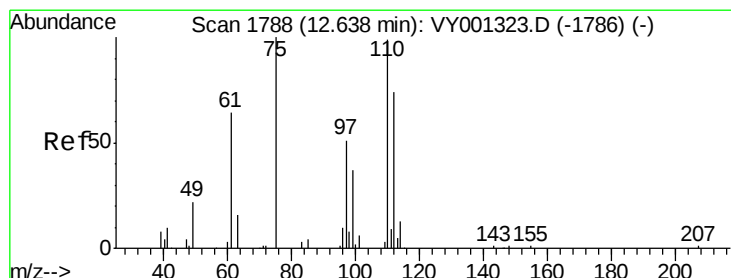
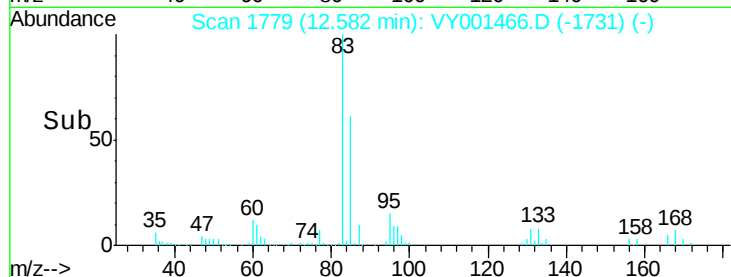
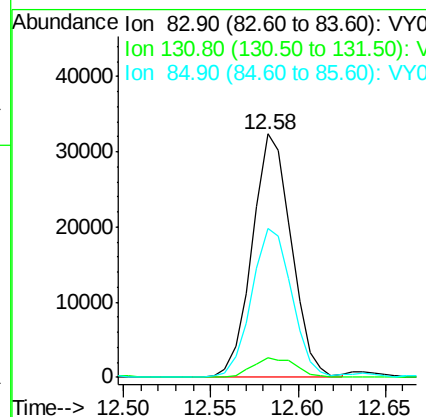
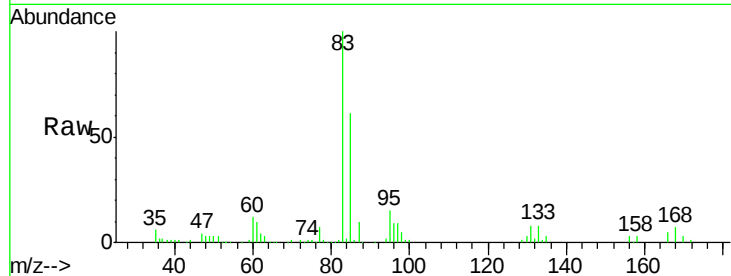
ClientSampleId :

VY0203SBS01

Tot Ion:	83	Resp:	50480
Ion Ratio	Lower	Upper	
83	100		
131	8.9	4.9	14.6
85	62.7	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.363 ug/l m

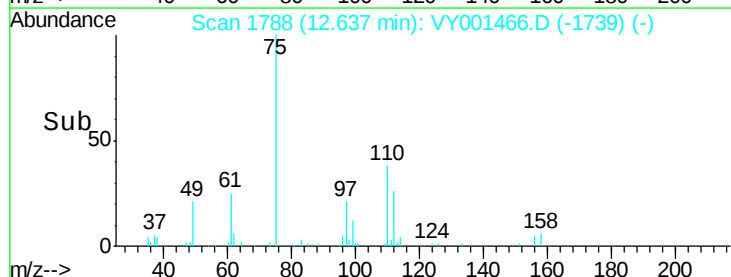
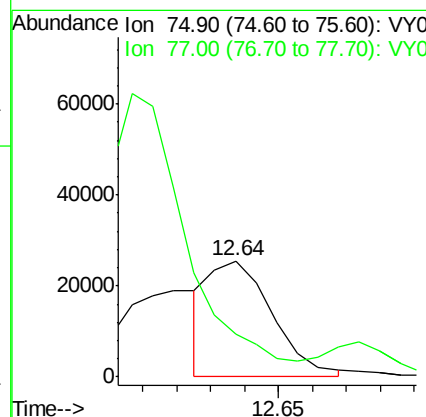
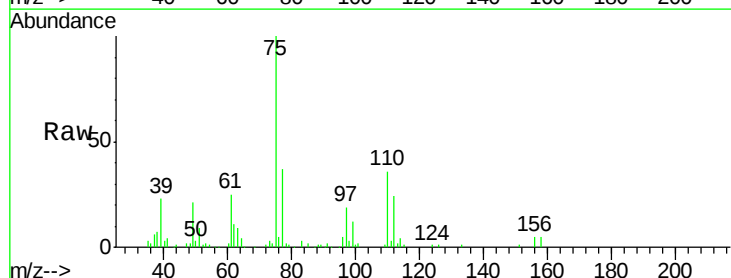
RT: 12.64 min Scan# 1788

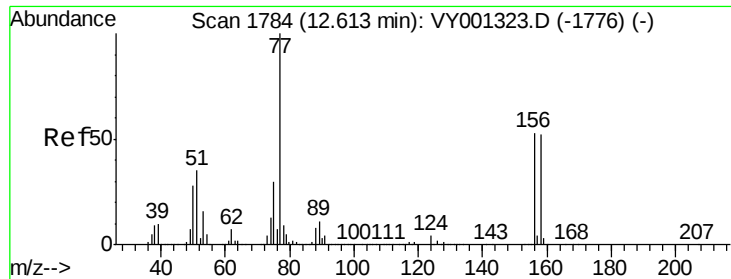
Delta R.T. -0.00 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Tgt Ion:	75	Resp:	32997
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.499 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

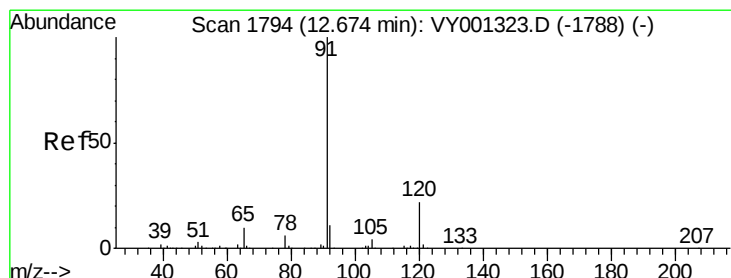
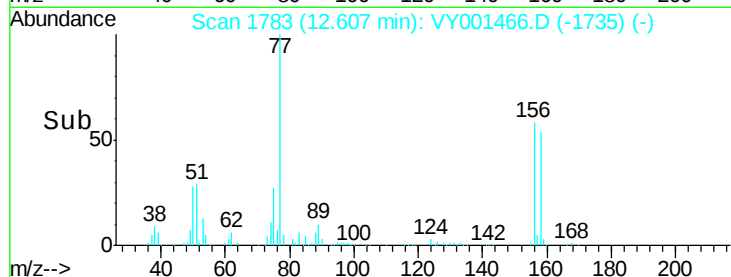
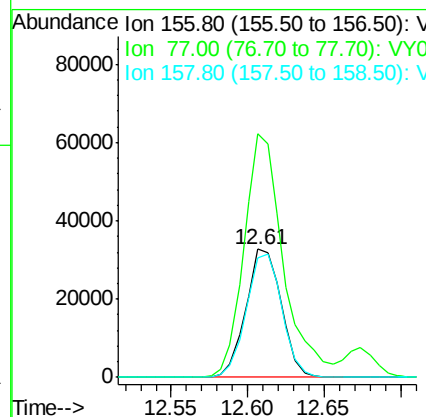
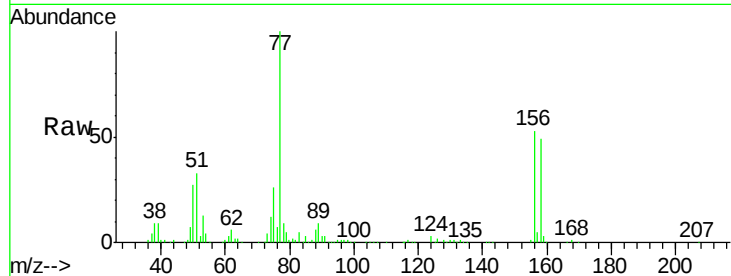
ClientSampleId :

VY0203SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	209.9	104.7	313.9
158	96.4	48.6	145.8

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#78

n-propylbenzene

Concen: 23.136 ug/l

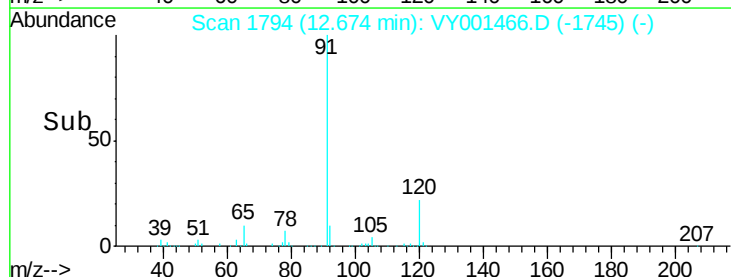
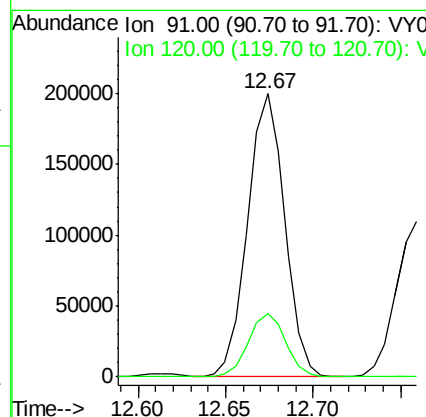
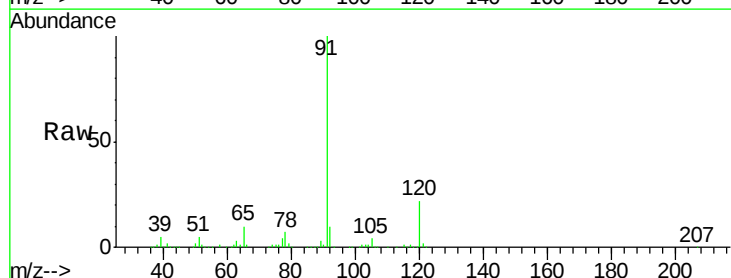
RT: 12.67 min Scan# 1794

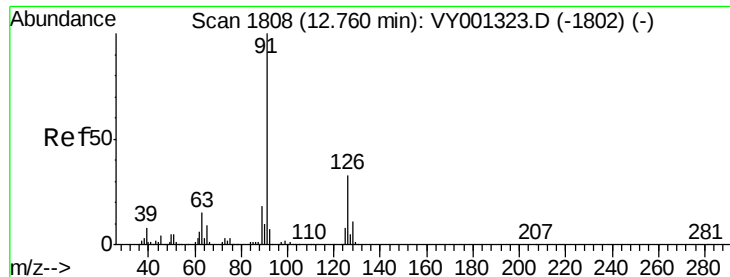
Delta R.T. -0.00 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.3	33.8





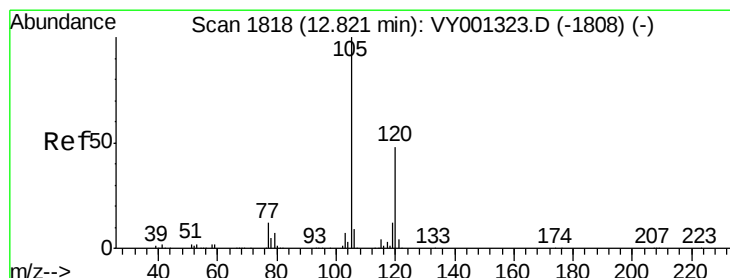
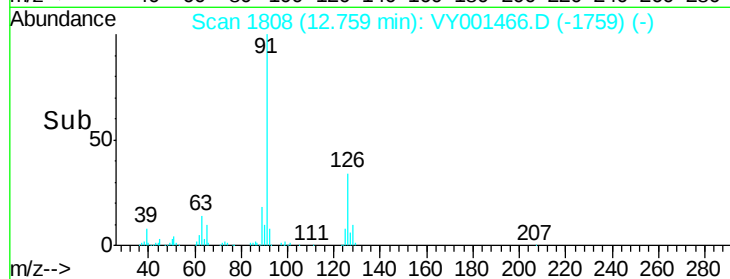
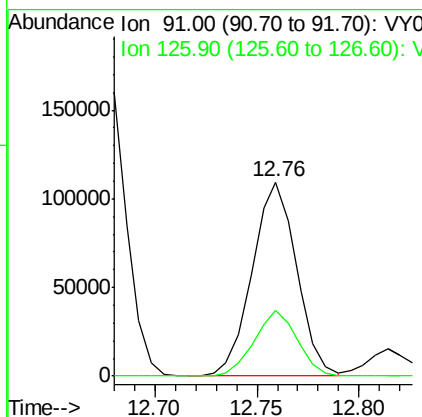
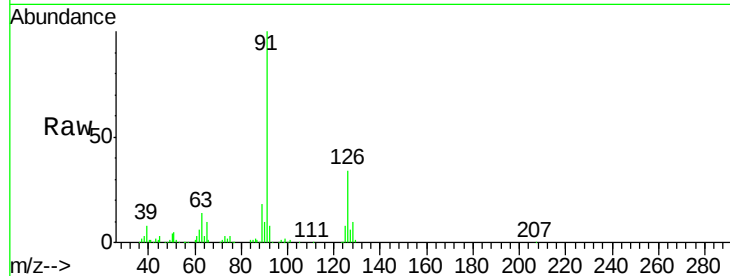
#79
 2-Chlorotoluene
 Concen: 22.803 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY001466.D
 Acq: 03 Feb 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.6	49.7

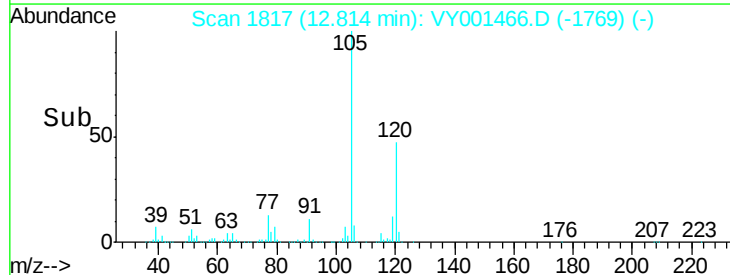
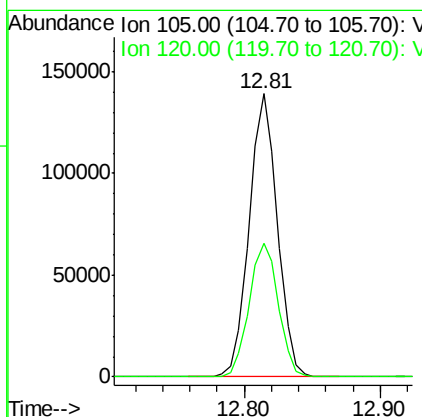
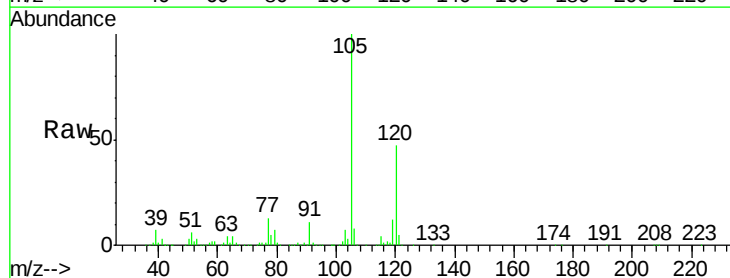
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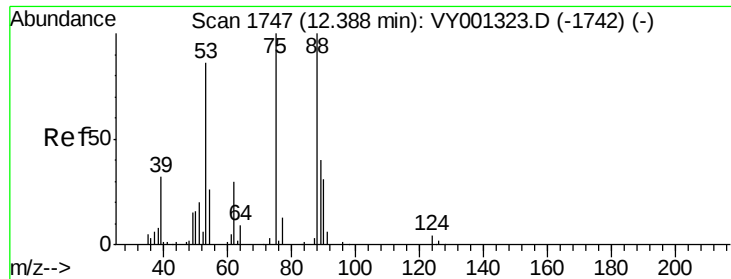
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 2/4/2020 11:21:45 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 22.872 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001466.D
 Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.3	72.9





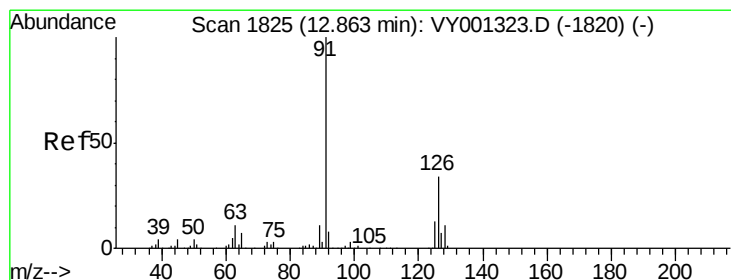
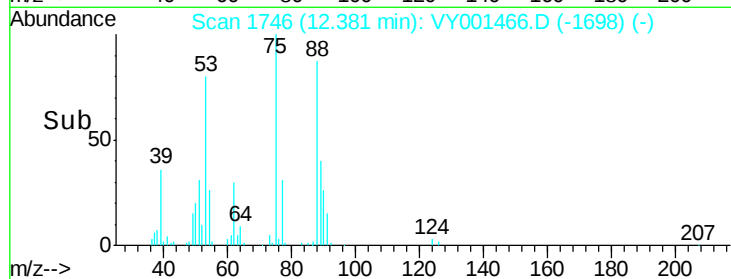
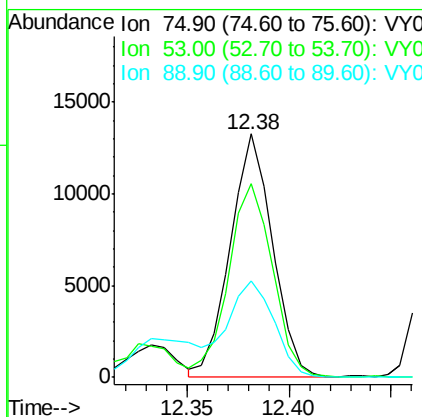
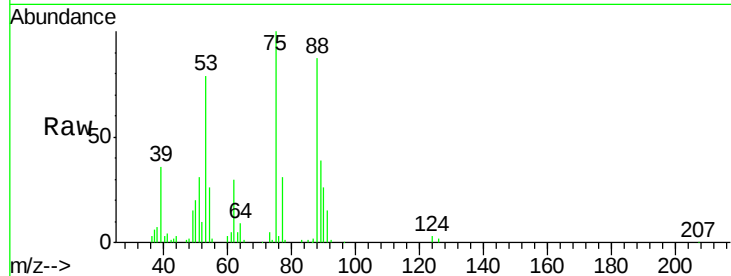
#81
trans-1,4-Dichloro-2-butene
Concen: 22.057 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.4	69.9	104.9
89	44.2	36.6	54.8

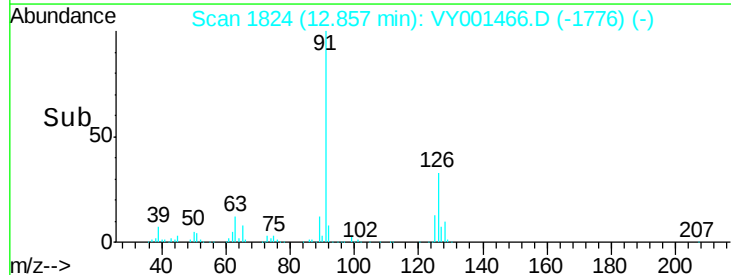
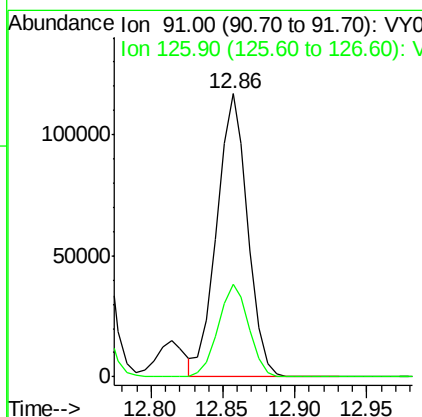
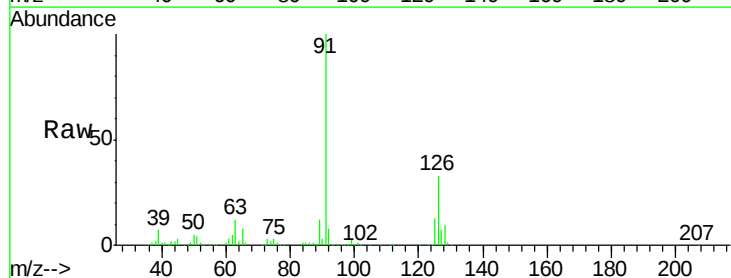
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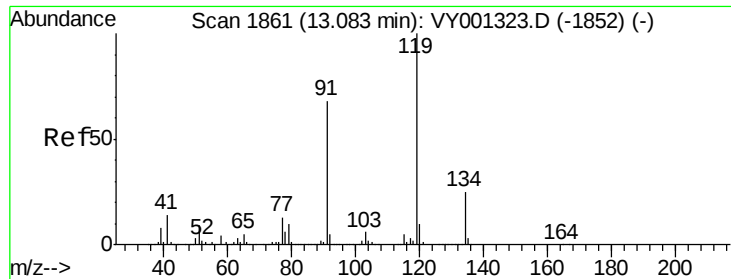
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#82
4-Chlorotoluene
Concen: 22.410 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.4





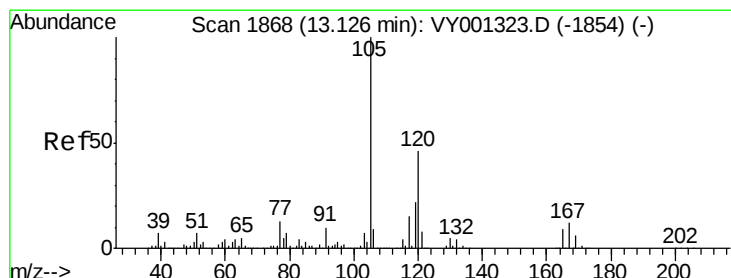
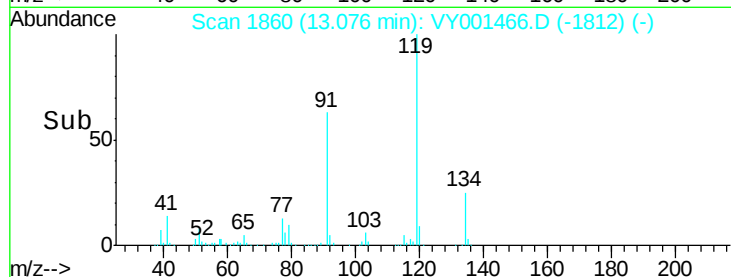
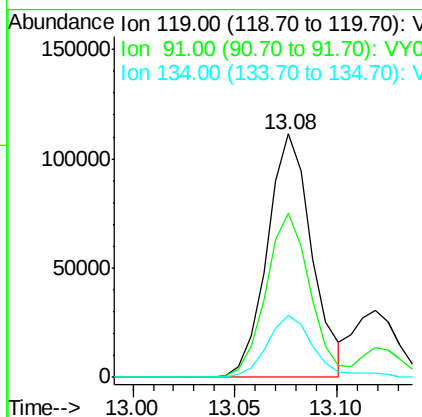
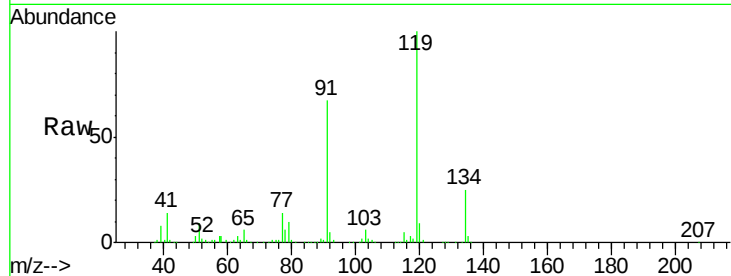
#83
tert-Butylbenzene
Concen: 22.712 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	169573		
91	67.2	33.0	99.0	
134	27.1	13.3	39.9	

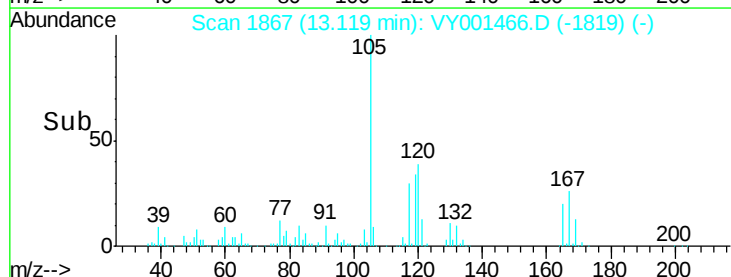
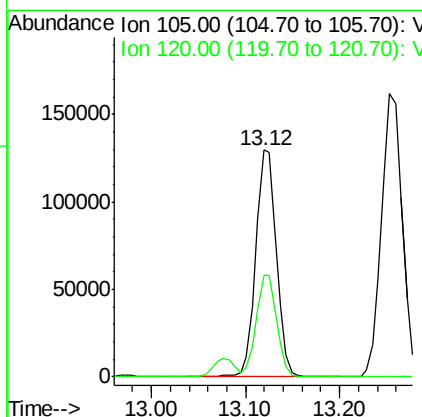
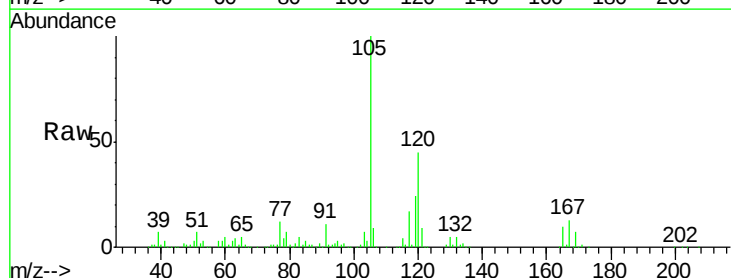
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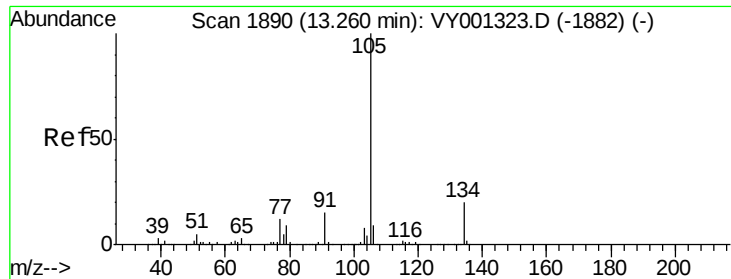
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#84
1,2,4-Trimethylbenzene
Concen: 22.612 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	201074		
120	44.4	22.4	67.3	





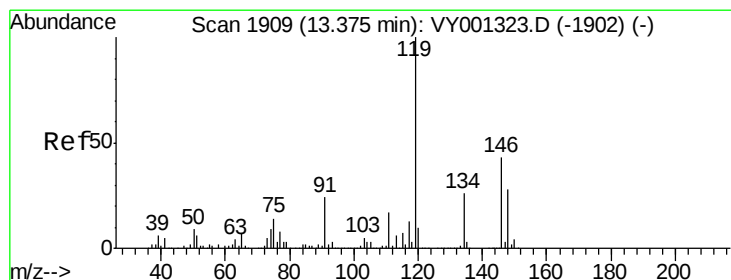
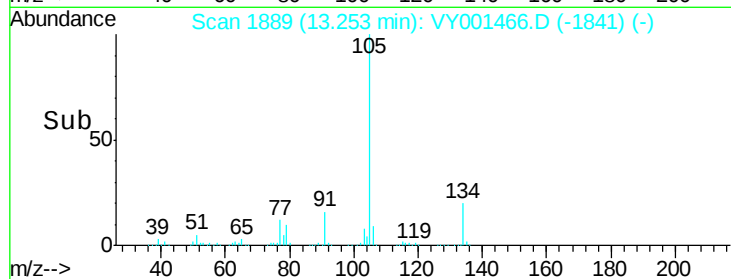
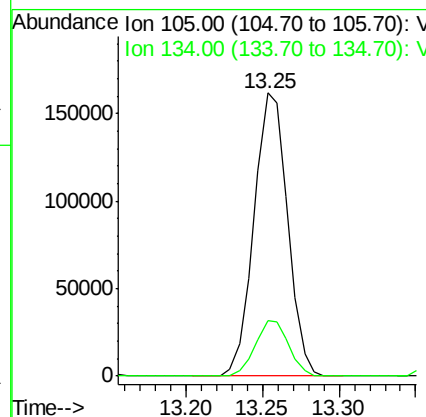
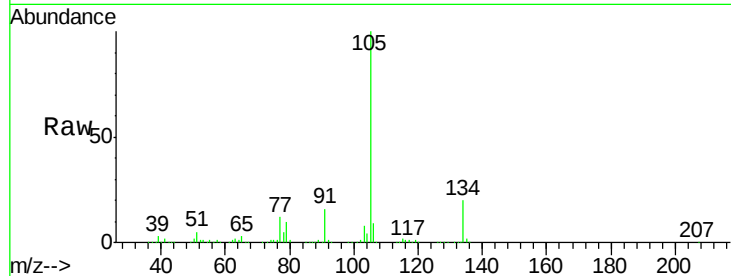
#85
 sec-Butylbenzene
 Concen: 23.395 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VY001466.D
 Acq: 03 Feb 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	248163		
134	19.6	9.8	29.4	

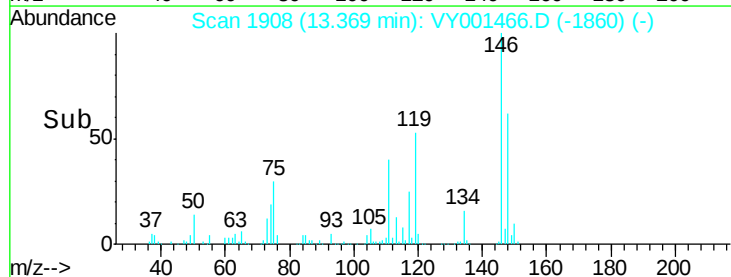
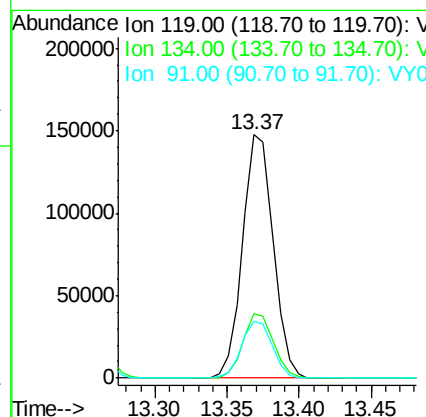
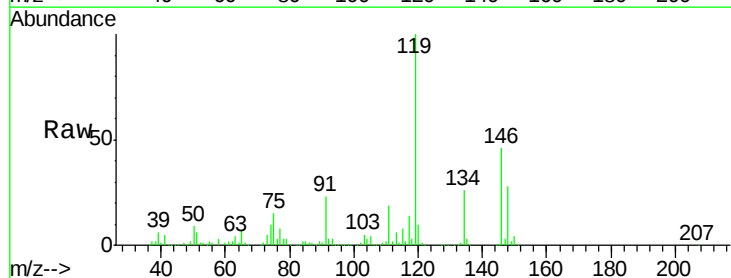
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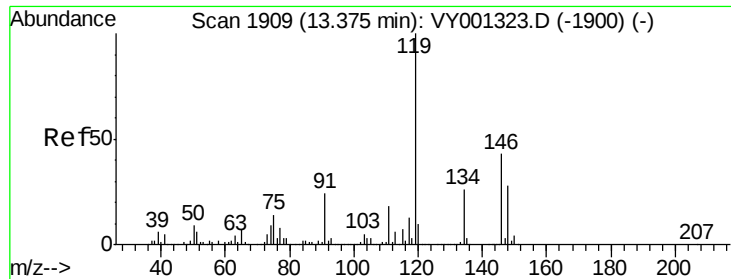
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#86
 p-Isopropyltoluene
 Concen: 23.301 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001466.D
 Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	217815		
134	26.4	13.5	40.4	
91	23.8	12.2	36.6	





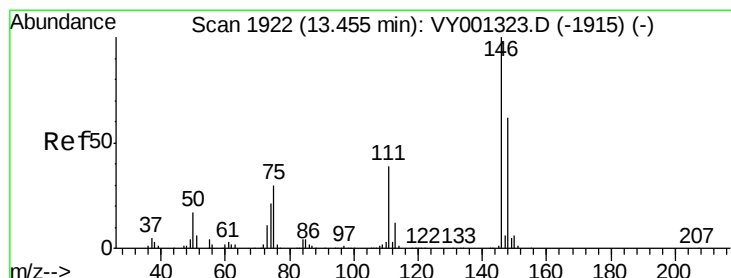
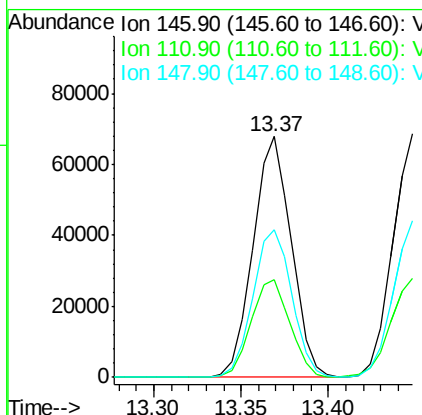
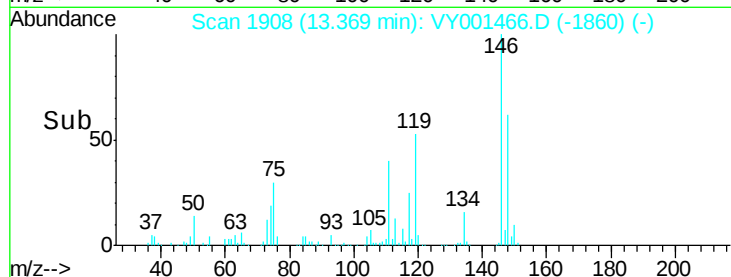
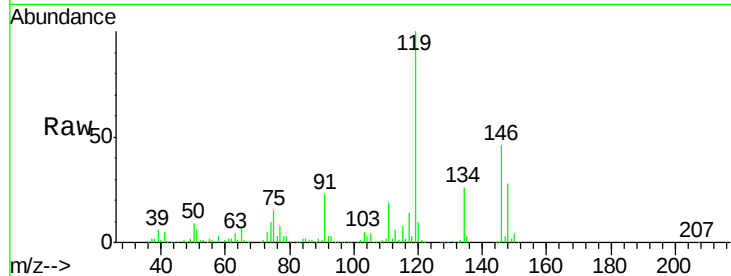
#87
 1,3-Dichlorobenzene
 Concen: 22.725 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001466.D
 Acq: 03 Feb 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.8
148	62.6	31.6	95.0

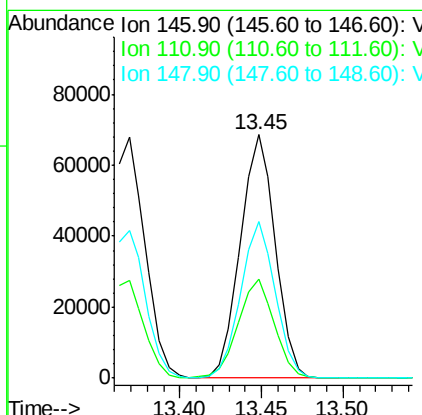
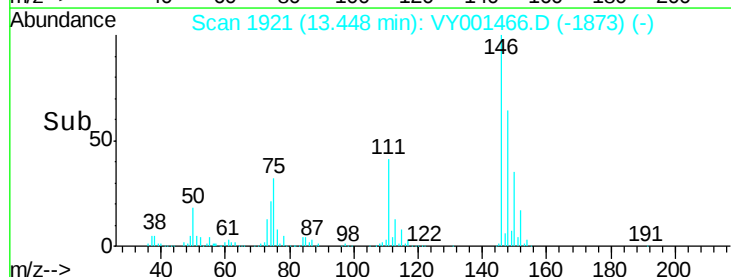
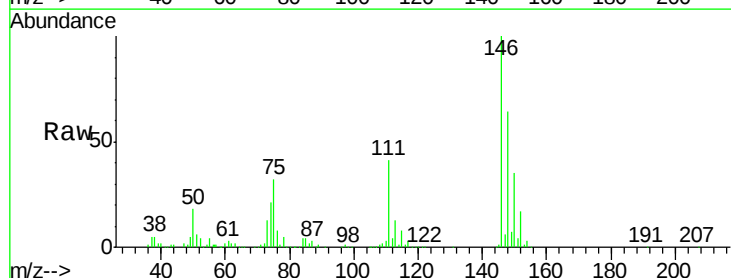
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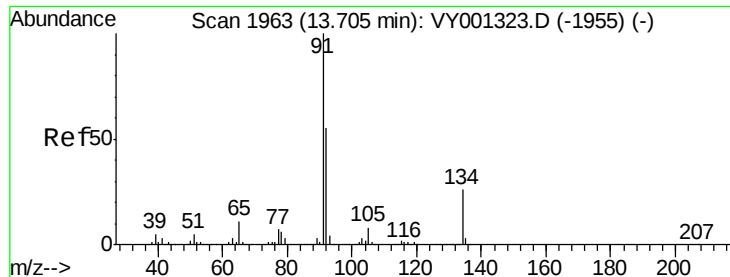
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#88
 1,4-Dichlorobenzene
 Concen: 22.326 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001466.D
 Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.5	61.5
148	63.5	31.6	95.0





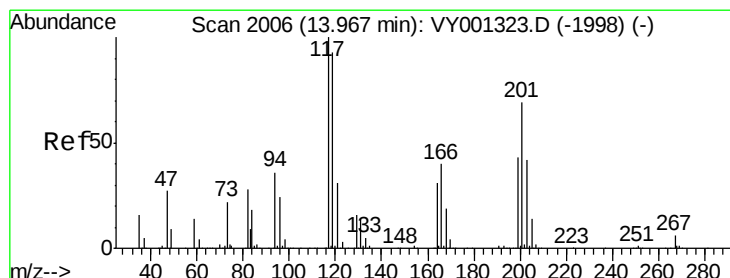
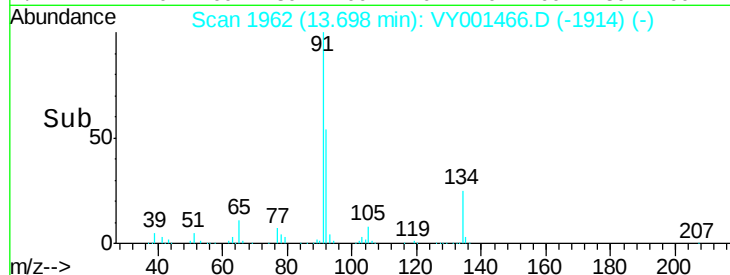
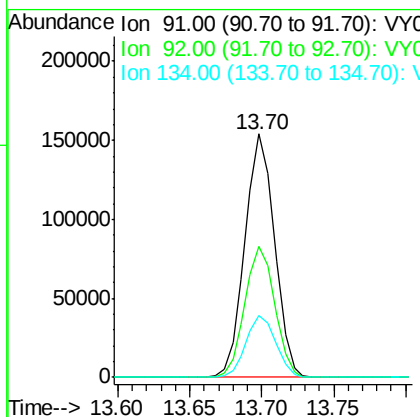
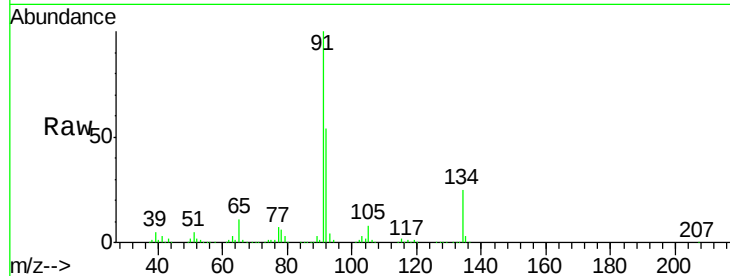
#89
n-Butylbenzene
Concen: 23.271 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	218936		
92	54.3		27.6	82.8
134	25.5		12.9	38.6

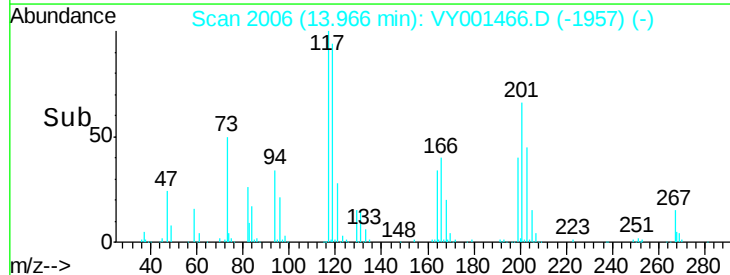
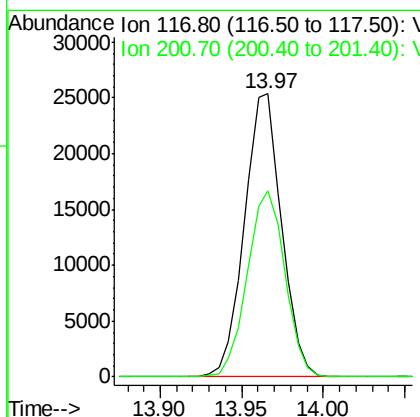
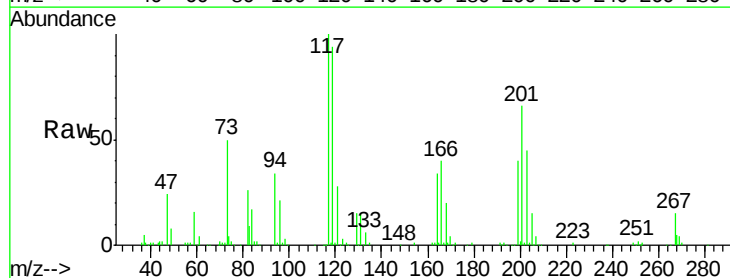
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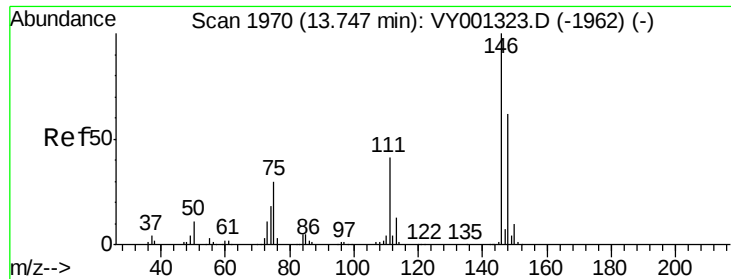
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#90
Hexachloroethane
Concen: 22.731 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40277		
201	66.7		34.6	103.8





#91

1,2-Dichlorobenzene

Concen: 22.186 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Instrument :

MSVOA_Y

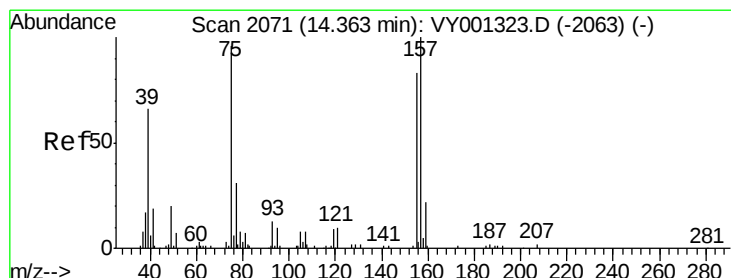
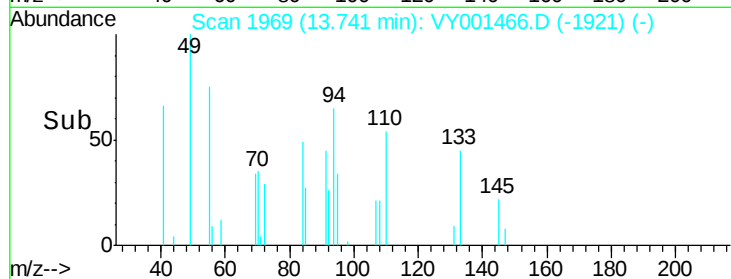
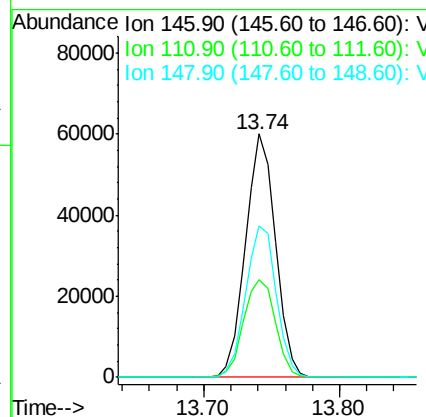
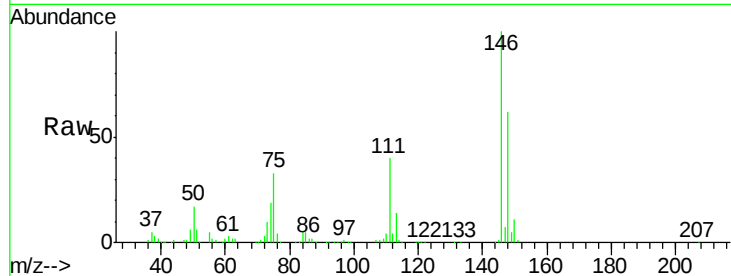
ClientSampleId :

VY0203SBS01

Tot Ion:	146	Resp:	92613
Ion Ratio	Lower	Upper	
146	100		
111	42.6	21.1	63.4
148	63.6	31.5	94.5

Manual Integrations
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2/4/2020 11:21:45 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.439 ug/l

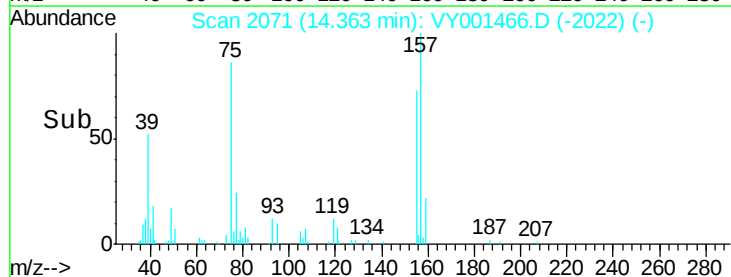
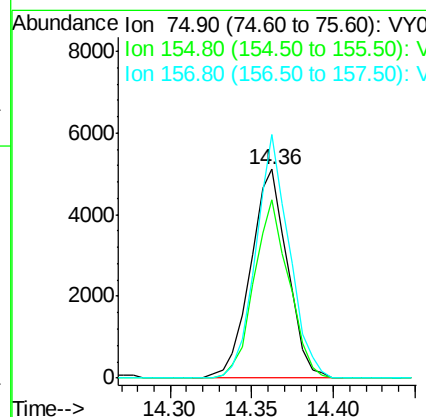
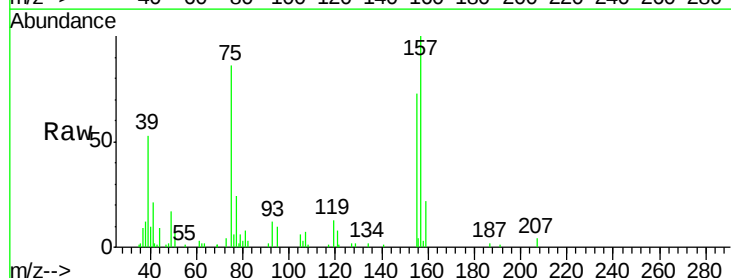
RT: 14.36 min Scan# 2071

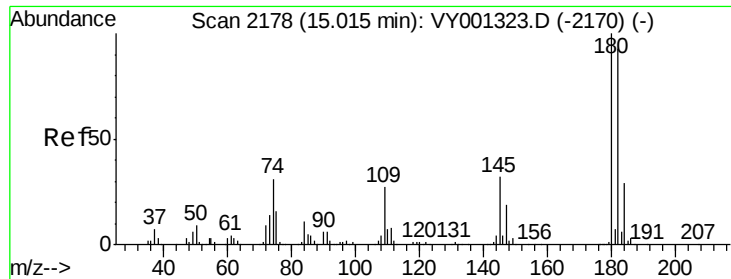
Delta R.T. -0.00 min

Lab File: VY001466.D

Acq: 03 Feb 2020 12:09

Tgt Ion:	75	Resp:	8015
Ion Ratio	Lower	Upper	
75	100		
155	81.0	43.0	129.2
157	105.4	53.3	160.0





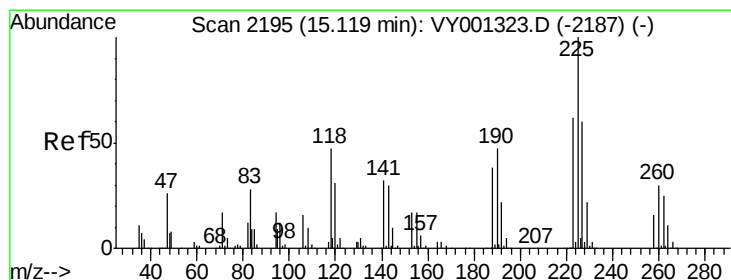
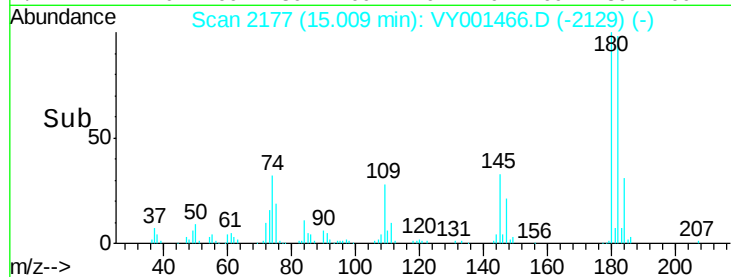
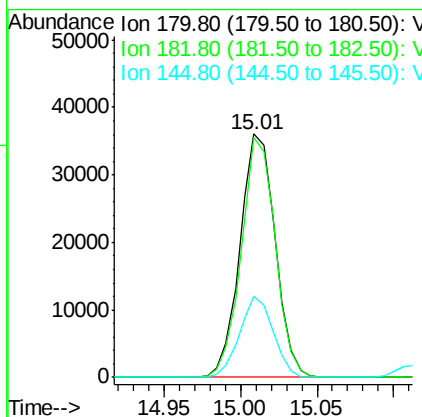
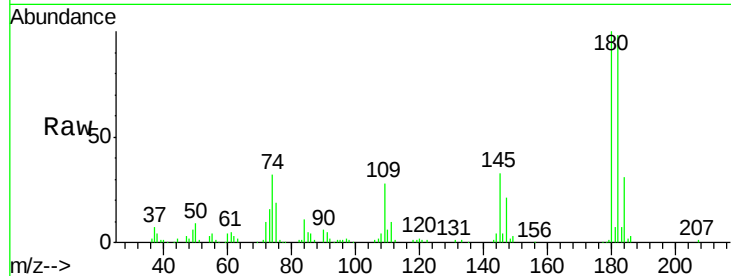
#93
1,2,4-Trichlorobenzene
Concen: 20.518 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	31.6	16.3	48.9

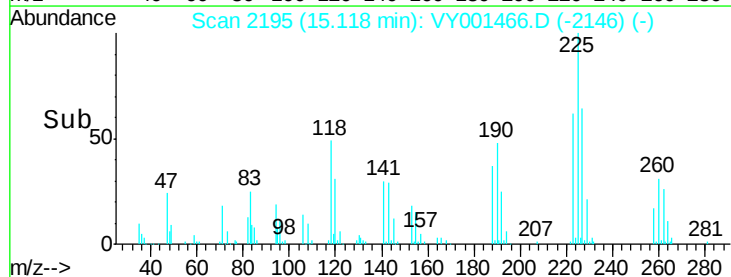
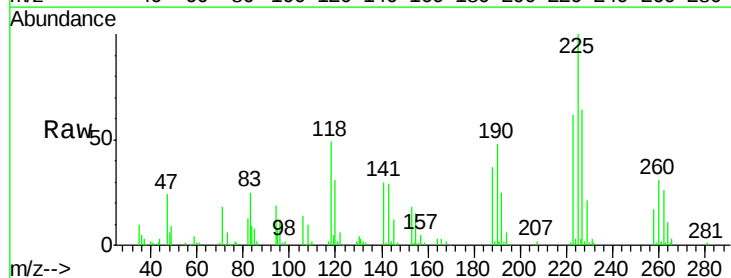
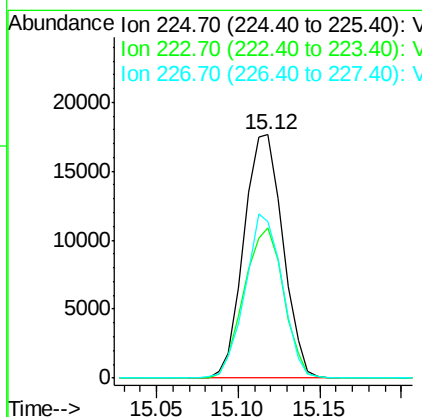
Manual Integrations
APPROVED

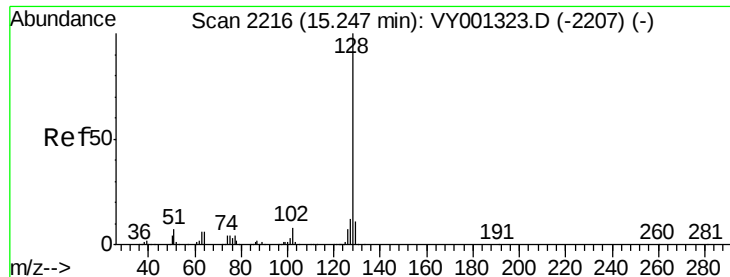
MMDadoda
2/4/2020 11:21:45 AM



#94
Hexachlorobutadiene
Concen: 21.583 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.2	93.6
227	64.6	31.0	93.0





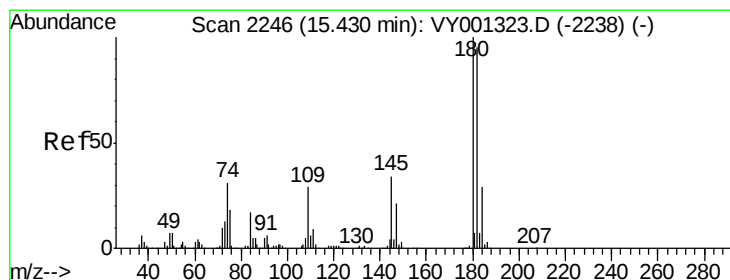
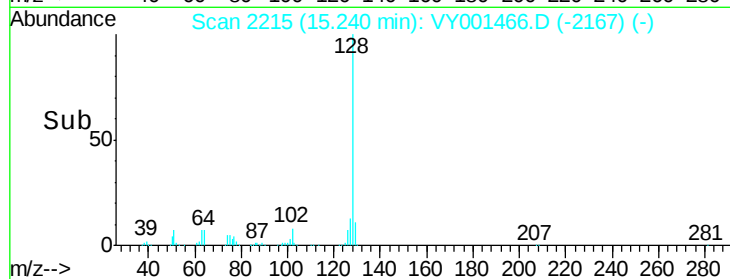
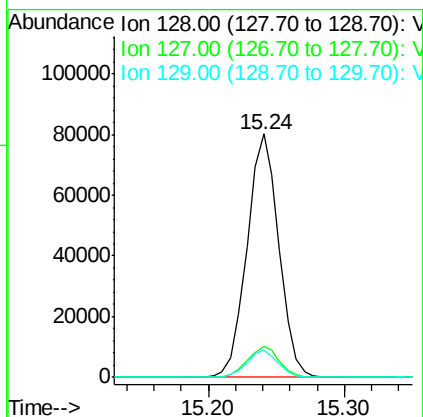
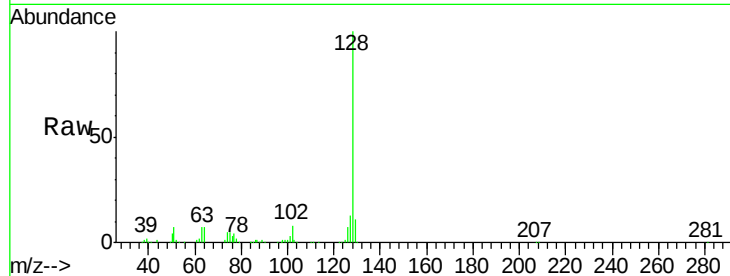
#95
Naphthalene
Concen: 20.435 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	130912		
127	12.5	10.2	15.2	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
2/4/2020 11:21:45 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.306 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001466.D
Acq: 03 Feb 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	49907		
182	95.2	47.3	141.8	
145	33.4	16.8	50.3	

