

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091819\
 Data File : VY000063.D
 Acq On : 18 Sep 2019 16:19
 Operator : SY/MD
 Sample : VY0918SBS01
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 12:39:29 AM

Quant Time: Sep 19 05:08:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:28:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	104436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	205012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	178426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	75600	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	58091	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
35) Dibromofluoromethane	7.72	113	56055	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	
50) Toluene-d8	10.18	98	237961	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.48	95	79184	43.75	ug/l	0.00
Spiked Amount			Recovery	=	87.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	18321	22.873	ug/l	96
3) Chloromethane	2.11	50	23707	20.849	ug/l	95
4) Vinyl Chloride	2.25	62	24691	21.188	ug/l	97
5) Bromomethane	2.62	94	17505	22.139	ug/l	99
6) Chloroethane	2.78	64	16926	21.669	ug/l #	86
7) Trichlorofluoromethane	3.12	101	35237	21.870	ug/l	88
8) Diethyl Ether	3.52	74	14224	20.618	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	23773	21.507	ug/l	97
10) Methyl Iodide	4.09	142	20994	18.263	ug/l	99
11) Tert butyl alcohol	4.98	59	15479	108.667	ug/l #	85
12) 1,1-Dichloroethene	3.87	96	21245	20.849	ug/l	87
13) Acrolein	3.73	56	10396	130.476	ug/l	98
14) Allyl chloride	4.47	41	33309	21.387	ug/l	98
15) Acrylonitrile	5.17	53	43403	104.917	ug/l	98
16) Acetone	3.95	43	31021	110.885	ug/l #	79
17) Carbon Disulfide	4.19	76	41369	20.939	ug/l #	91
18) Methyl Acetate	4.48	43	19367	20.721	ug/l	92
19) Methyl tert-butyl Ether	5.22	73	66711	20.949	ug/l	95
20) Methylene Chloride	4.71	84	29255	22.229	ug/l #	95
21) trans-1,2-Dichloroethene	5.21	96	24097	21.273	ug/l	91
22) Diisopropyl ether	6.13	45	77770	22.101	ug/l	89
23) Vinyl Acetate	6.06	43	254990	108.273	ug/l	96
24) 1,1-Dichloroethane	6.02	63	45233	21.719	ug/l	96
25) 2-Butanone	7.00	43	51759	102.146	ug/l	94
26) 2,2-Dichloropropane	6.99	77	42216	21.479	ug/l	94
27) cis-1,2-Dichloroethene	6.99	96	31938	22.269	ug/l	99
28) Bromochloromethane	7.34	49	18668	19.337	ug/l	94
29) Tetrahydrofuran	7.35	42	32996	108.470	ug/l	98
30) Chloroform	7.51	83	47636	22.164	ug/l	94
31) Cyclohexane	7.78	56	36771	22.388	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	37777	21.640	ug/l	98
36) 1,1-Dichloropropene	7.91	75	33380	21.775	ug/l	97
37) Ethyl Acetate	7.08	43	21230	20.777	ug/l	98
38) Carbon Tetrachloride	7.90	117	30140	20.832	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	39779	21.104	ug/l	89
40) Benzene	8.16	78	108651	21.460	ug/l	95
41) Methacrylonitrile	7.32	41	10388m	16.519	ug/l	
42) 1,2-Dichloroethane	8.24	62	28562	21.297	ug/l	100
43) Isopropyl Acetate	8.27	43	41105	20.569	ug/l	99
44) Trichloroethene	8.94	130	26803	20.722	ug/l	97
45) 1,2-Dichloropropane	9.22	63	28161	21.471	ug/l	99
46) Dibromomethane	9.30	93	15319	21.384	ug/l	95
47) Bromodichloromethane	9.49	83	36857	21.202	ug/l #	97
48) Methyl methacrylate	9.29	41	17476	19.885	ug/l	95
49) 1,4-Dioxane	9.30	88	6088	437.699	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	113402	103.936	ug/l	100
52) Toluene	10.24	92	66560	20.692	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	38042	20.639	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	45014	21.148	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	24136	21.490	ug/l	98
56) Ethyl methacrylate	10.51	69	34129	21.355	ug/l	98
57) 1,3-Dichloropropane	10.79	76	40084	21.246	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	87531	101.316	ug/l	99
59) 2-Hexanone	10.83	43	81346	104.506	ug/l	98
60) Dibromochloromethane	10.98	129	24444	20.774	ug/l	99
61) 1,2-Dibromoethane	11.09	107	20532	20.014	ug/l	92
64) Tetrachloroethene	10.71	164	22676	20.249	ug/l	95
65) Chlorobenzene	11.51	112	72335	20.496	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	25199	21.117	ug/l	99
67) Ethyl Benzene	11.59	91	130404	20.704	ug/l	97
68) m/p-Xylenes	11.70	106	96940	40.448	ug/l	91
69) o-Xylene	12.02	106	49373	21.276	ug/l	95
70) Styrene	12.04	104	81573	20.023	ug/l	97
71) Bromoform	12.21	173	12935	18.724	ug/l #	95
73) Isopropylbenzene	12.33	105	125642	20.622	ug/l	99
74) N-amyl acetate	12.14	43	36678	21.132	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	30453	21.234	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	22056m	20.735	ug/l	
77) Bromobenzene	12.60	156	26005	20.441	ug/l	96
78) n-propylbenzene	12.66	91	156870	21.108	ug/l	99
79) 2-Chlorotoluene	12.76	91	87618	21.088	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	106644	21.131	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	10742	19.423	ug/l	97
82) 4-Chlorotoluene	12.85	91	92410	21.509	ug/l	99
83) tert-Butylbenzene	13.07	119	91168	21.114	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	105864	21.276	ug/l	99
85) sec-Butylbenzene	13.25	105	135377	21.221	ug/l	99
86) p-Isopropyltoluene	13.37	119	113447	20.980	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	52854	20.944	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	53432	21.070	ug/l	100
89) n-Butylbenzene	13.69	91	117619	21.144	ug/l	98
90) Hexachloroethane	13.96	117	23166	21.801	ug/l	92
91) 1,2-Dichlorobenzene	13.74	146	49320	20.801	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5321	20.838	ug/l	88

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ClientSampleId :
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QLast Update : Tue Sep 17 13:28:51 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	30889	21.590	ug/l	95
94) Hexachlorobutadiene	15.10	225	13358	19.446	ug/l	90
95) Naphthalene	15.23	128	84074	20.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	27674	20.268	ug/l	98

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

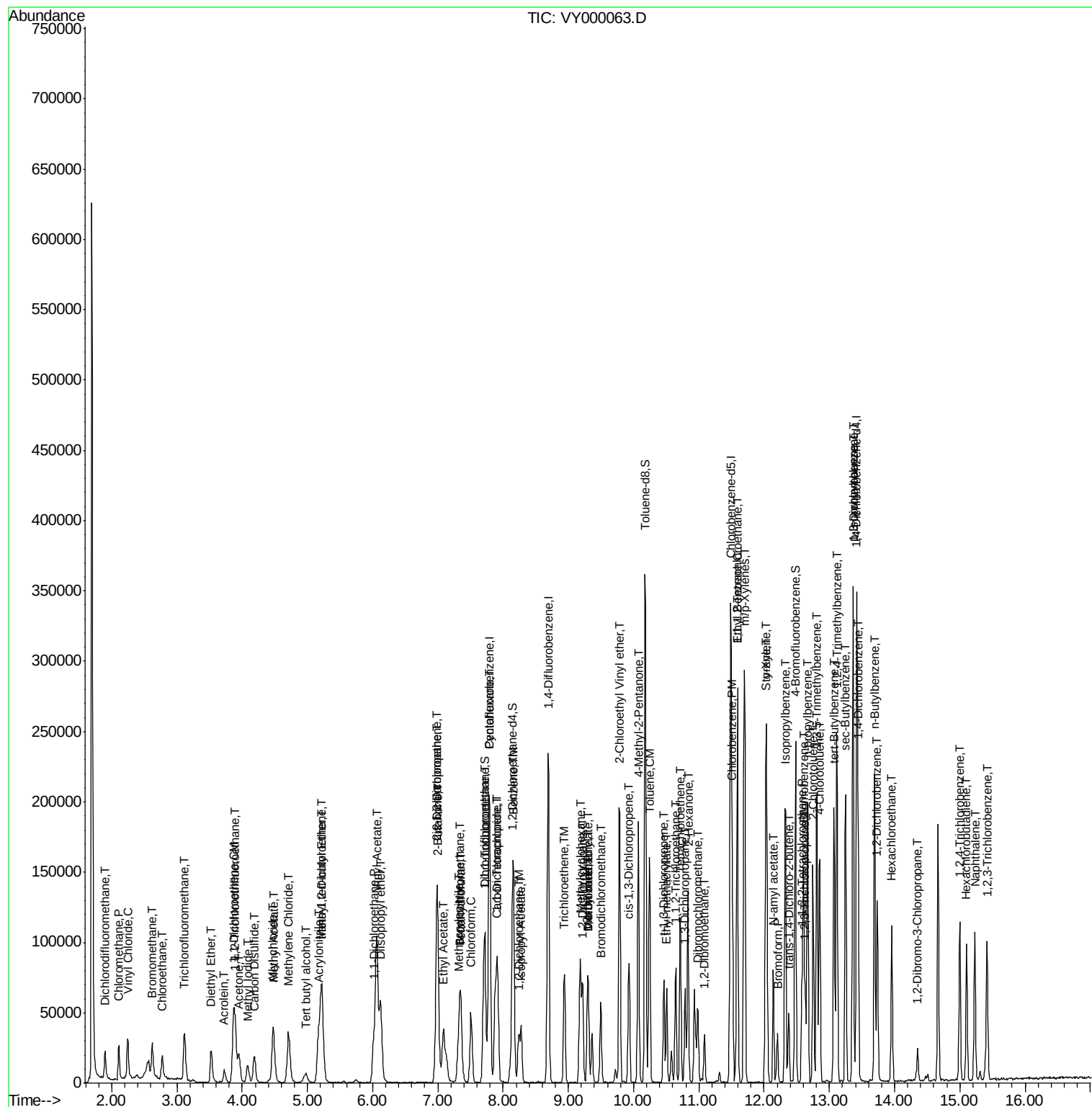
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091819\
 Data File : VY000063.D
 Acd On : 18 Sep 2019 16:19
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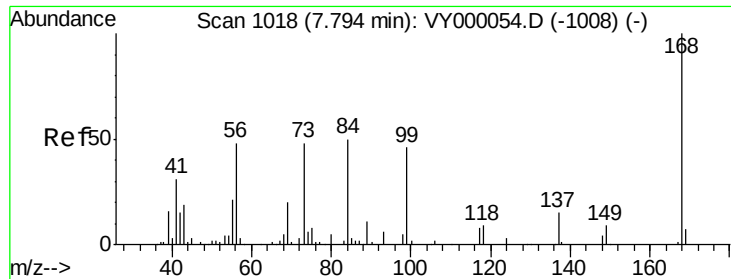
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion:168 Resp: 104436

Ion Ratio Lower Upper

168 100

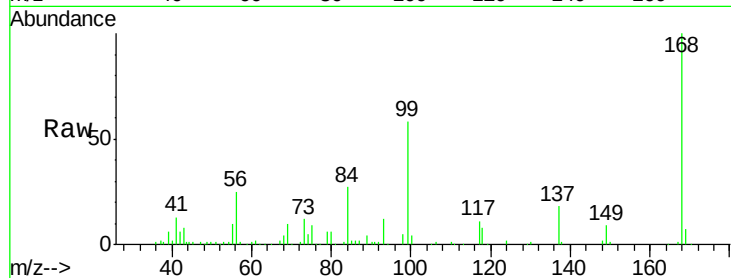
99 58.3 44.2 66.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)

Ion 98.90 (98.60 to 99.60): VY000054.D (-1008) (-)

7.79

50000

40000

30000

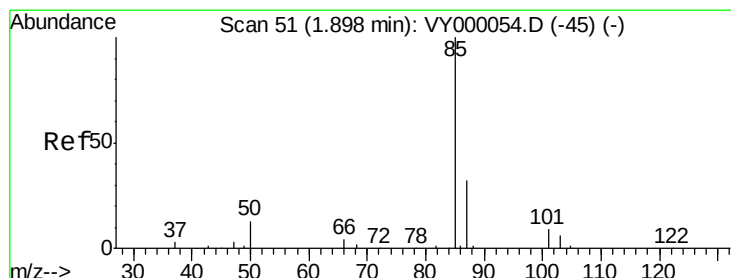
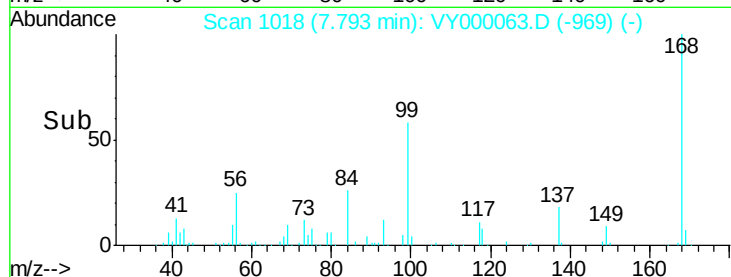
20000

10000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.873 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000063.D

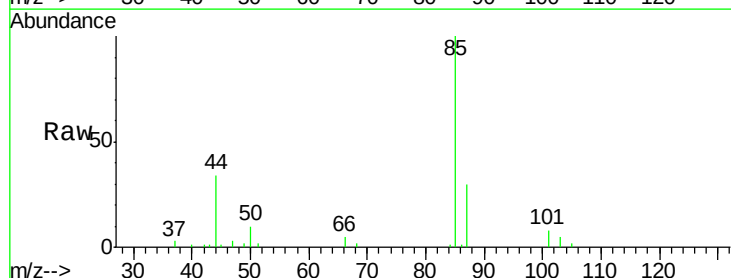
Acq: 18 Sep 2019 16:19

Tgt Ion: 85 Resp: 18321

Ion Ratio Lower Upper

85 100

87 30.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VY000054.D (-45) (-)

Ion 86.90 (86.60 to 87.60): VY000054.D (-45) (-)

1.90

12000

10000

8000

6000

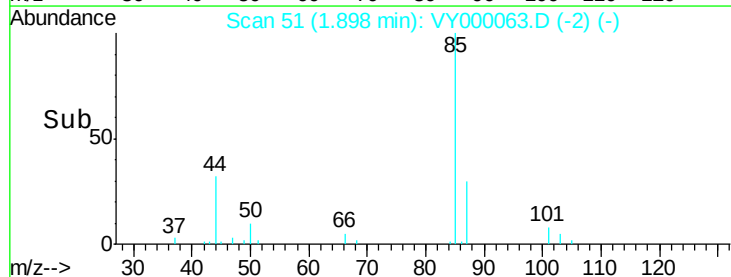
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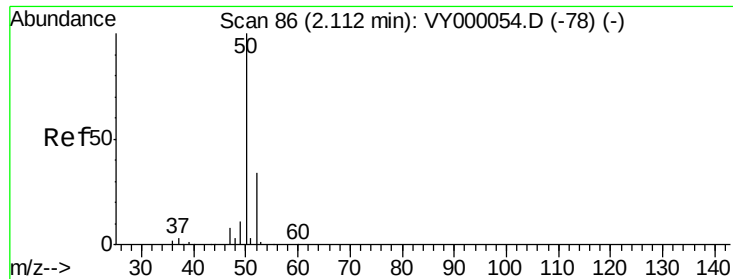
2000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.849 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion: 50 Resp: 23707

Ion Ratio Lower Upper

50 100

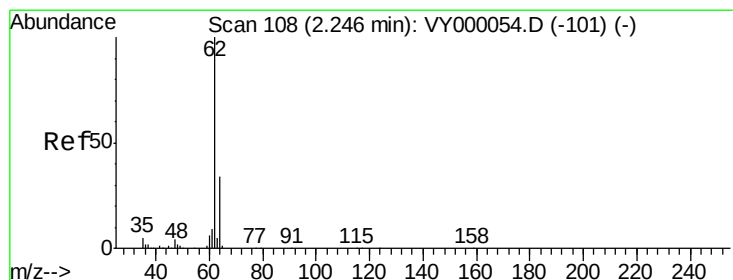
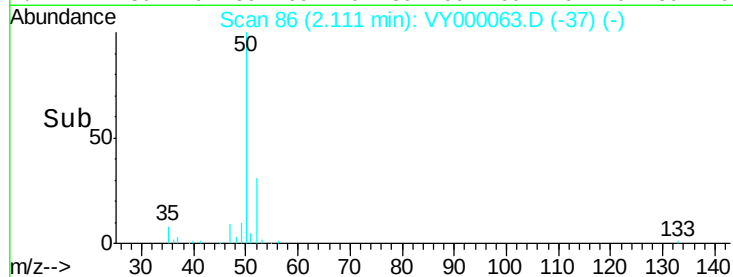
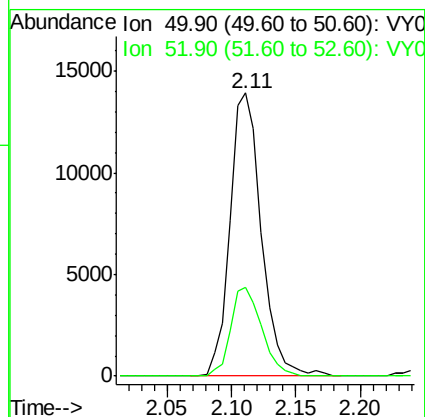
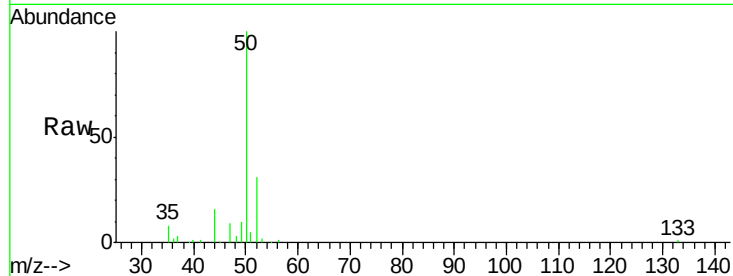
52 31.5 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.188 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000063.D

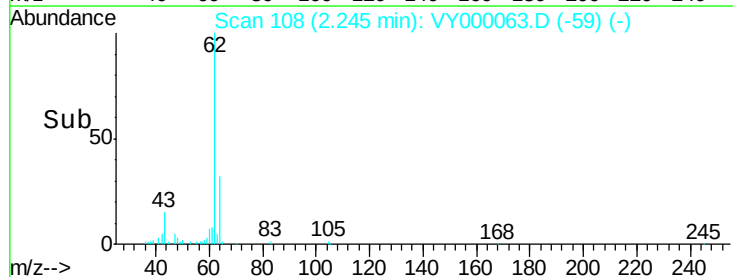
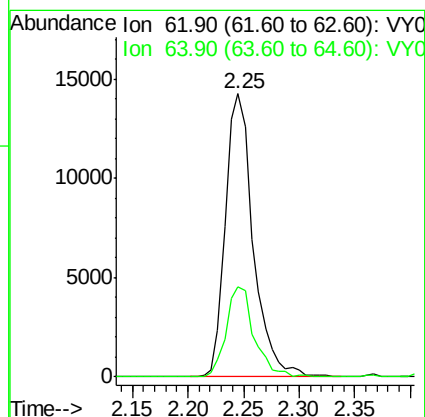
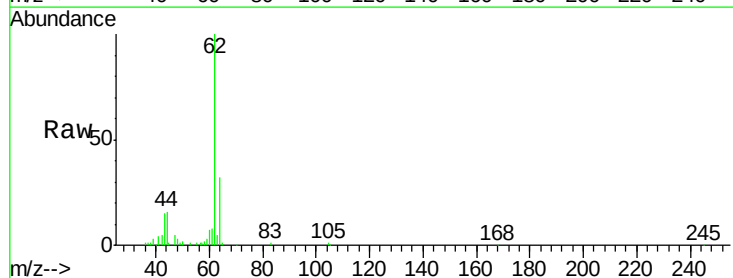
Acq: 18 Sep 2019 16:19

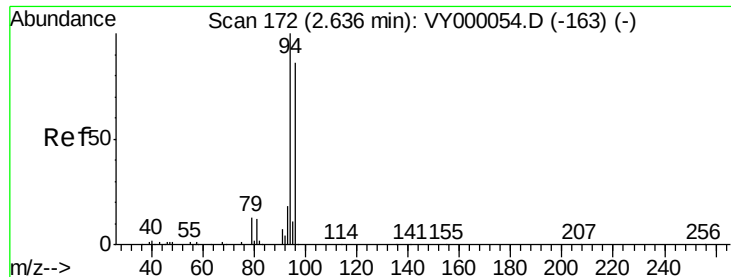
Tgt Ion: 62 Resp: 24691

Ion Ratio Lower Upper

62 100

64 31.9 26.9 40.3





#5

Bromomethane

Concen: 22.139 ug/l

RT: 2.62 min Scan# 170

Delta R.T. -0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion: 94 Resp: 17505

Ion Ratio Lower Upper

94 100

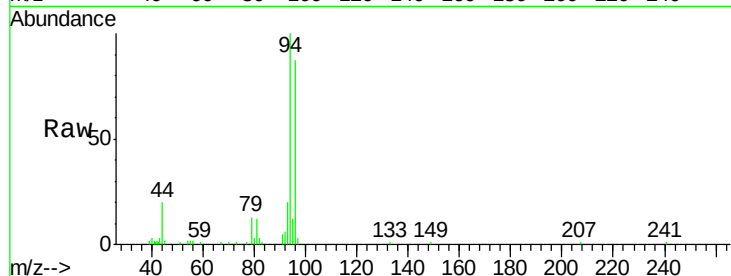
96 85.6 69.1 103.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

10000

8000

6000

4000

2000

0

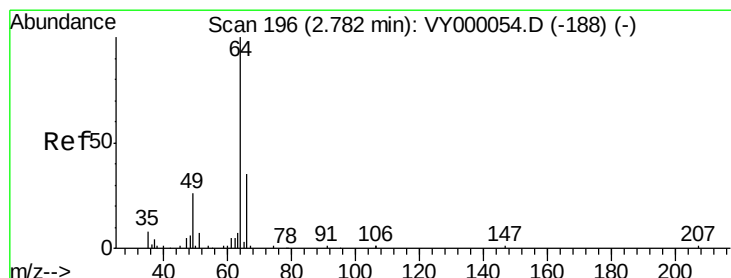
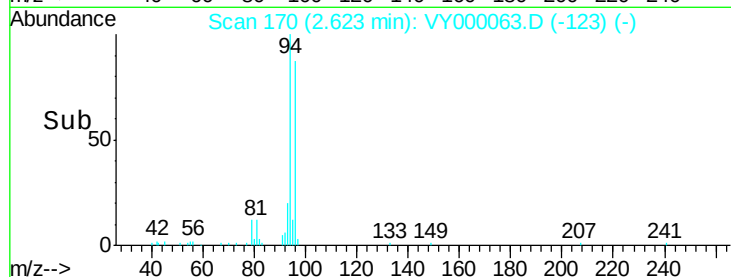
Time-->

2.55

2.60

2.65

2.70



#6

Chloroethane

Concen: 21.669 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VY000063.D

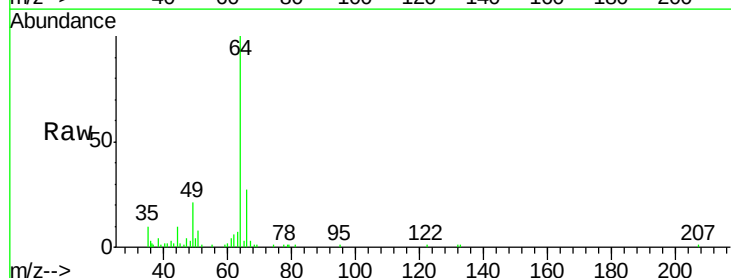
Acq: 18 Sep 2019 16:19

Tgt Ion: 64 Resp: 16926

Ion Ratio Lower Upper

64 100

66 26.6 27.7 41.5#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

8000

6000

4000

2000

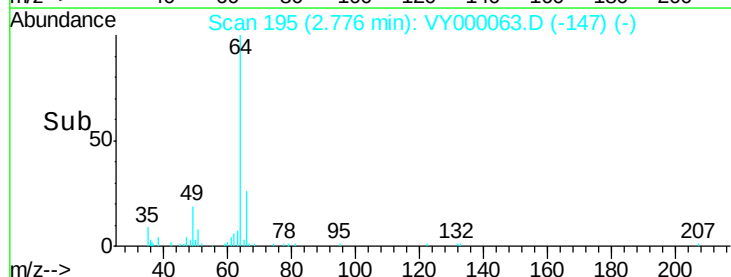
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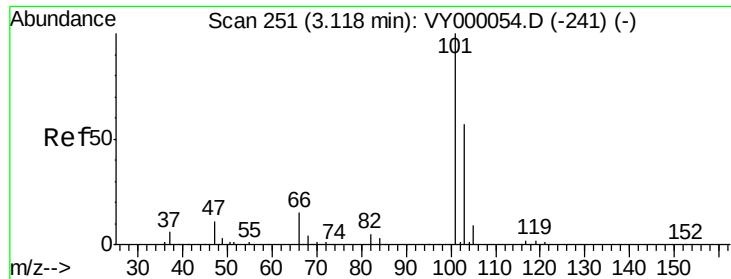
Time-->

2.70

2.80

2.90





#7

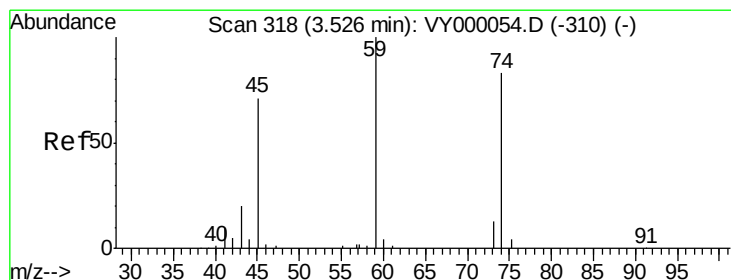
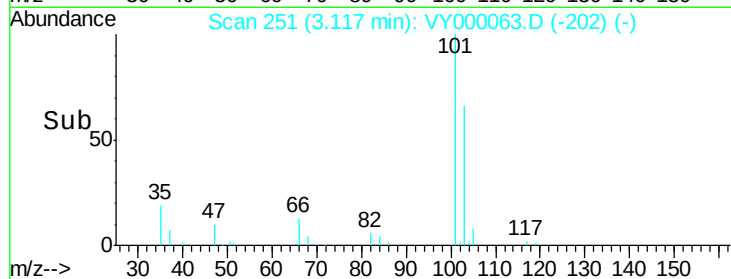
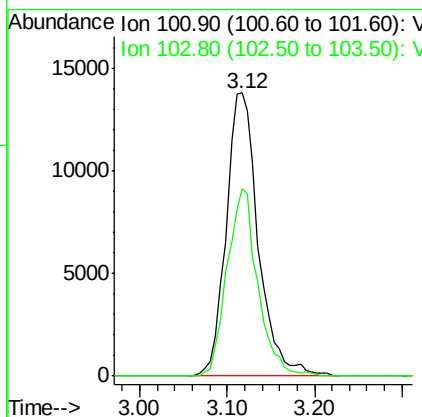
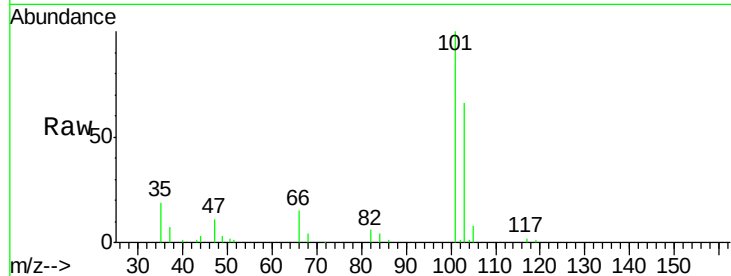
Trichlorofluoromethane
Concen: 21.870 ug/l
RT: 3.12 min Scan# 251
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	45.7	68.5

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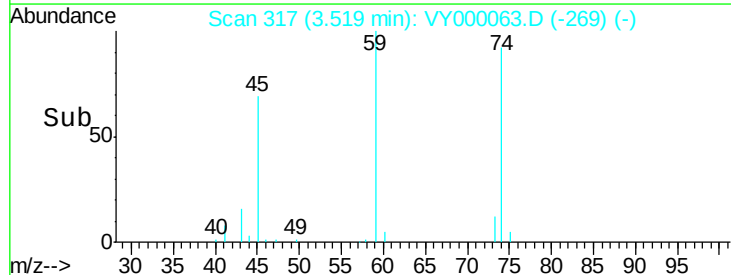
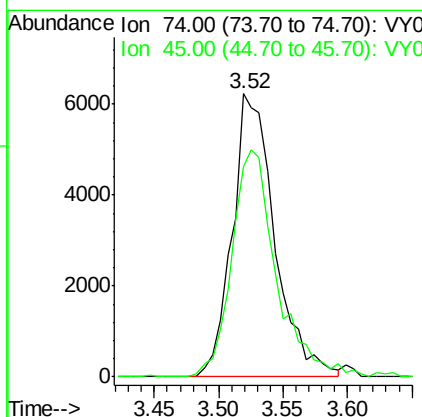
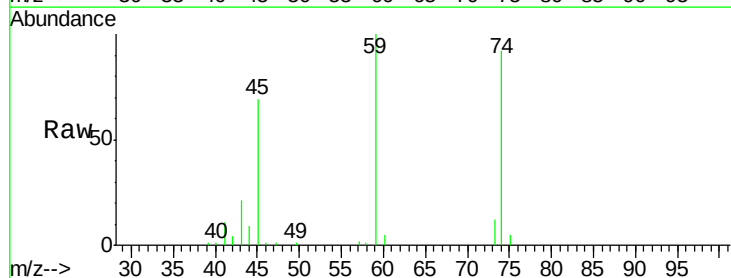
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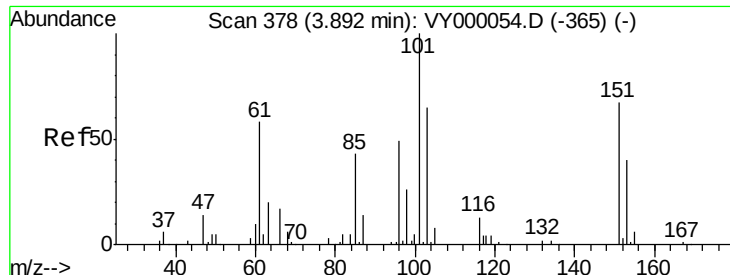


#8

Diethyl Ether
Concen: 20.618 ug/l
RT: 3.52 min Scan# 317
Delta R.T. -0.01 min
Lab File: VY000063.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.6	40.6	122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.507 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

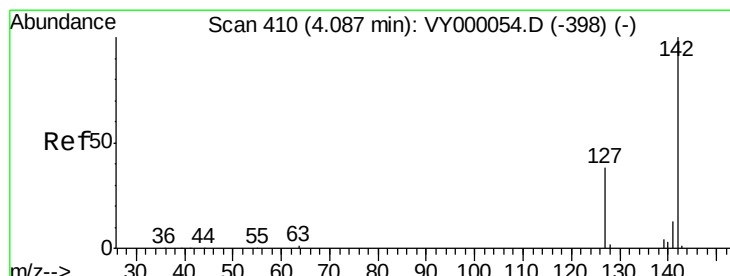
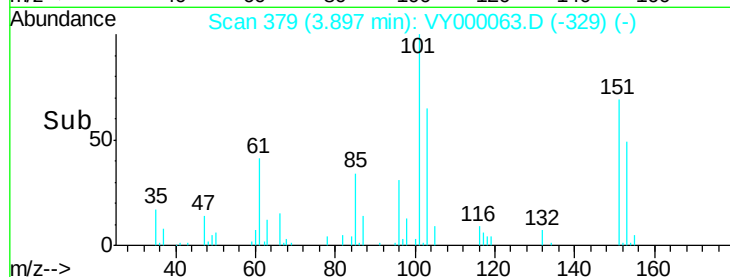
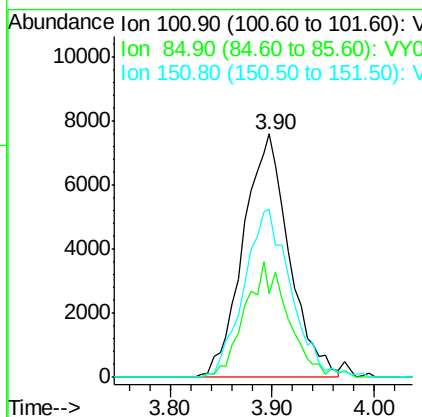
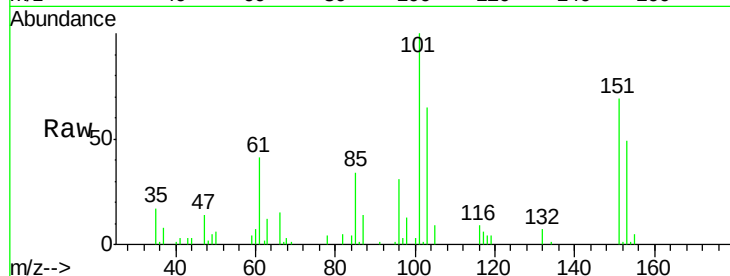
ClientSampleId :

VY0918SBS01

Tot Ion:	101	Resp:	23773
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.8	55.2
151	70.8	54.4	81.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.263 ug/l

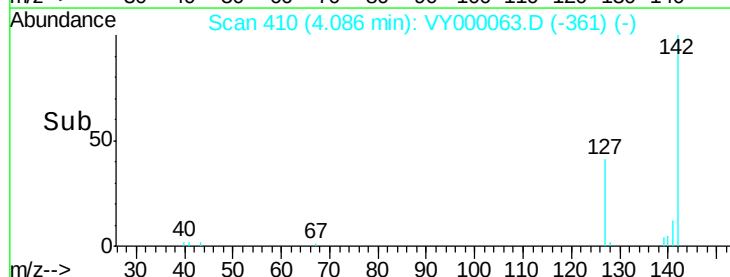
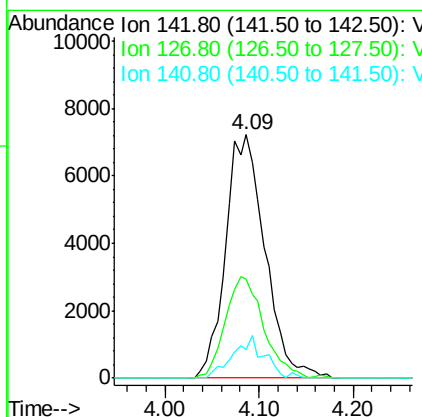
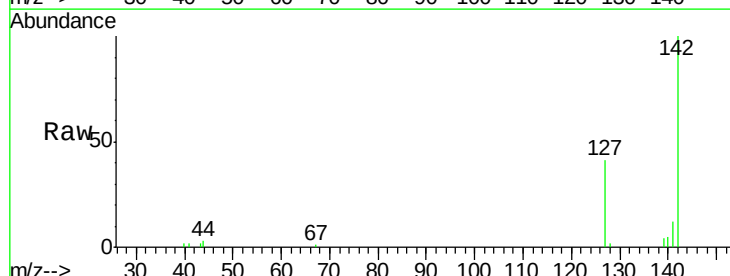
RT: 4.09 min Scan# 410

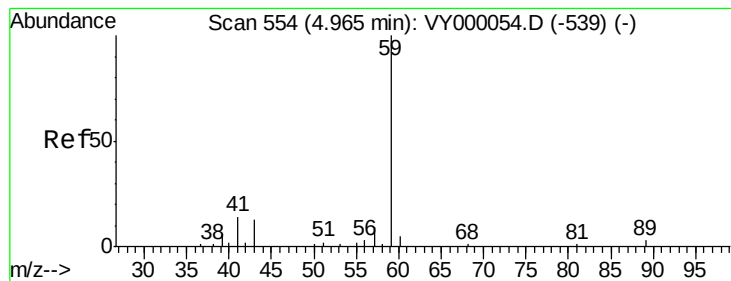
Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion:	142	Resp:	20994
Ion Ratio	Lower	Upper	
142	100		
127	40.6	31.6	47.4
141	13.4	10.9	16.3





#11

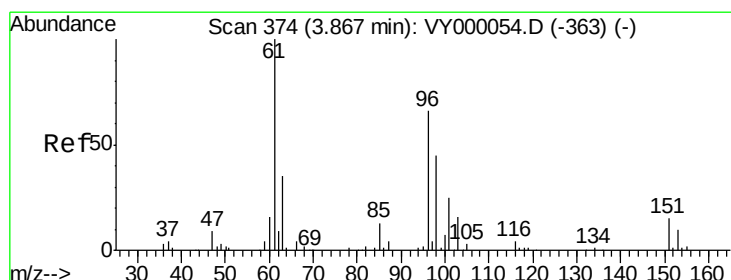
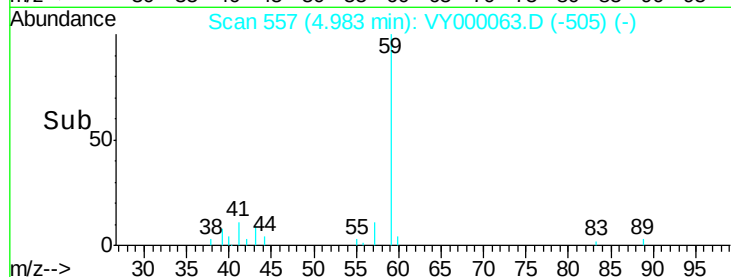
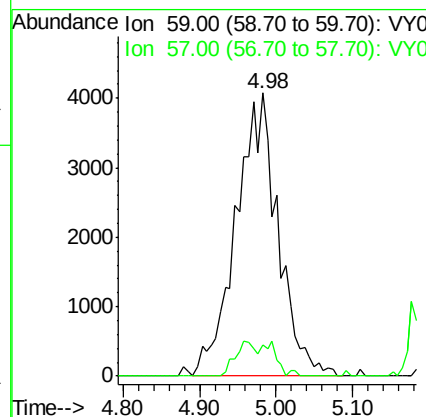
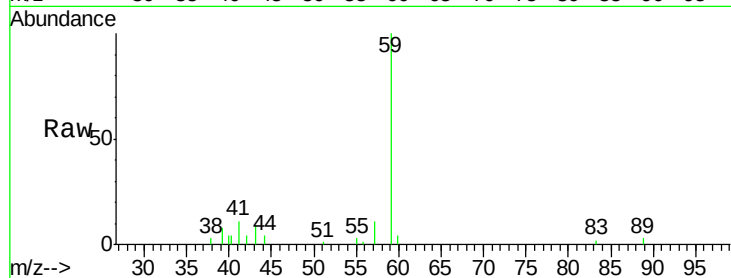
Tert butyl alcohol
Concen: 108.667 ug/l
RT: 4.98 min Scan# 557
Delta R.T. 0.02 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	59	57	Ratio	100	4.5	Resp:	15479	Lower	Upper
Ion	59	57	Ratio	100	4.5	Resp:	15479	Lower	Upper
								8.0	12.0#

Manual Integrations
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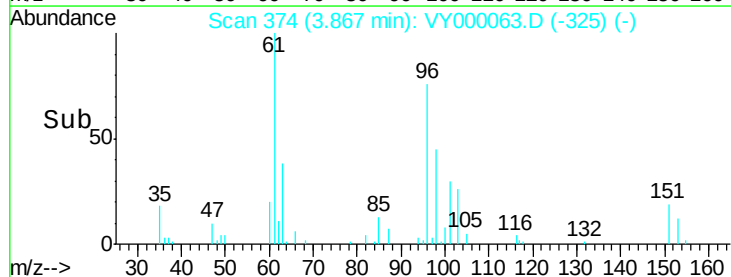
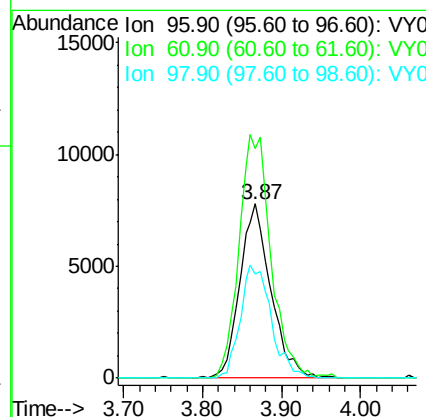
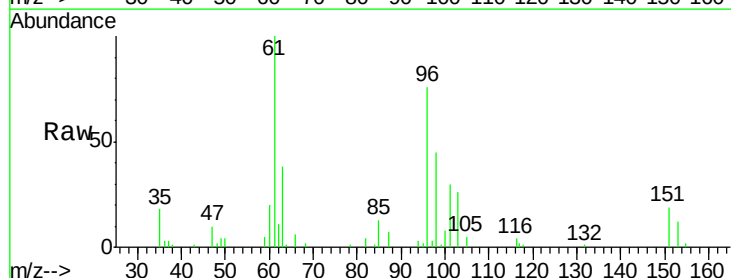
MMDadoda
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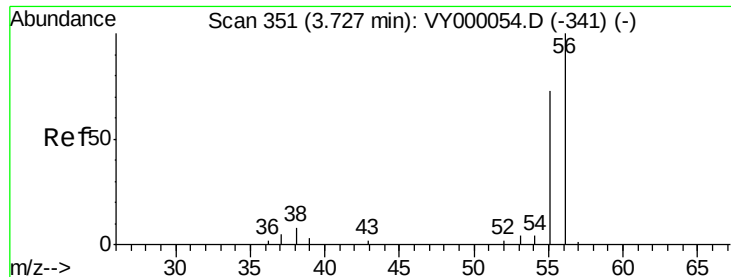


#12

1,1-Dichloroethene
Concen: 20.849 ug/l
RT: 3.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion	96	61	98	Ratio	100	132.0	59.6	Resp:	21245	Lower	Upper
Ion	96	61	98	Ratio	100	132.0	59.6	Resp:	21245	Lower	Upper
										120.4	180.6
										54.1	81.1





#13

Acrolein

Concen: 130.476 ug/l

RT: 3.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion: 56 Resp: 10396

Ion Ratio Lower Upper

56 100

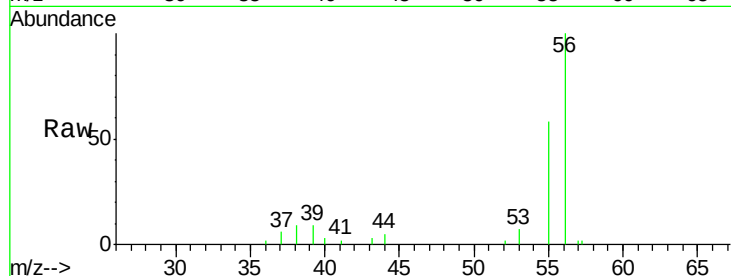
55 73.7 57.8 86.8

Manual Integrations

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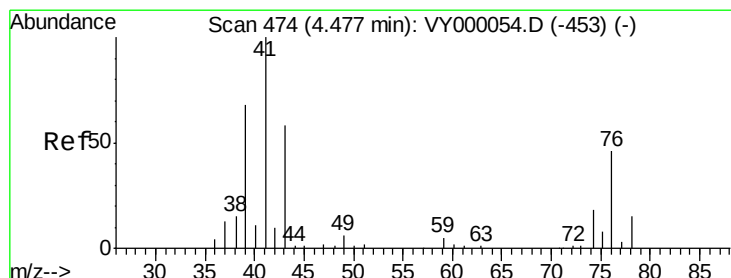
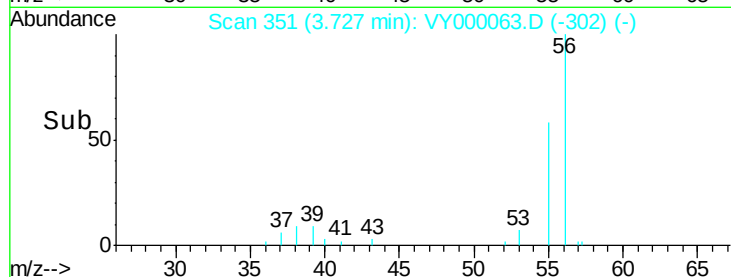
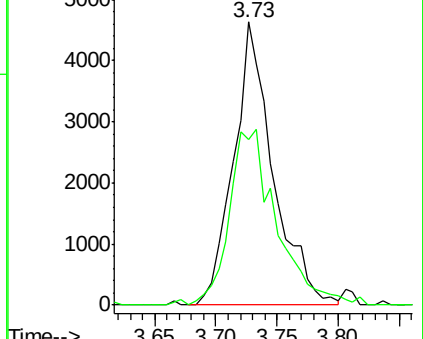
MMDadoda

9/20/2019 12:39:29 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.387 ug/l

RT: 4.47 min Scan# 473

Delta R.T. -0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

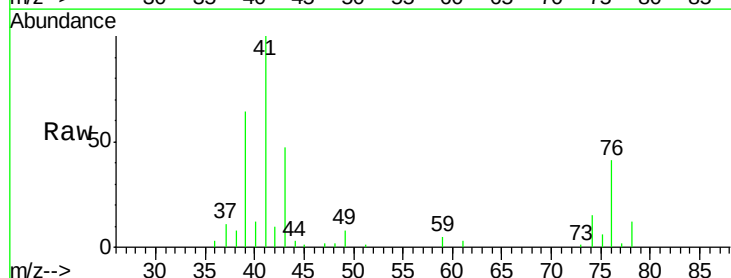
Tgt Ion: 41 Resp: 33309

Ion Ratio Lower Upper

41 100

39 64.8 52.7 79.1

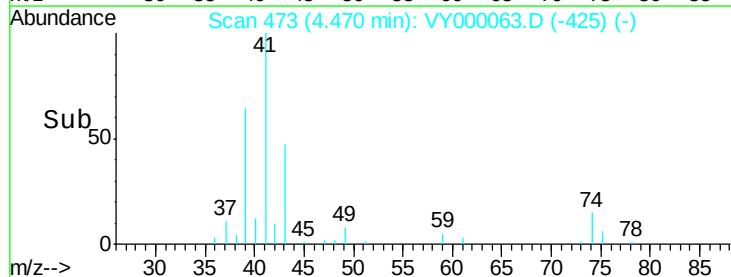
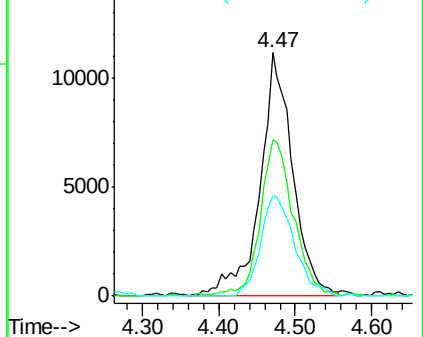
76 42.6 35.5 53.3

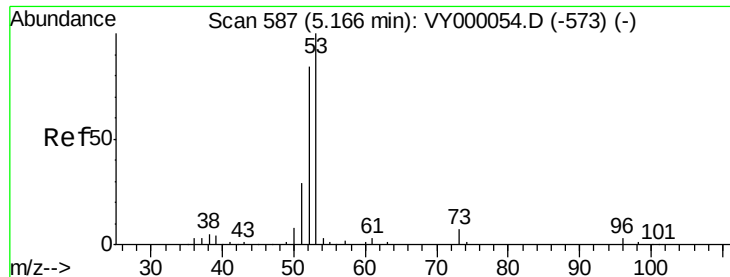


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 104.917 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

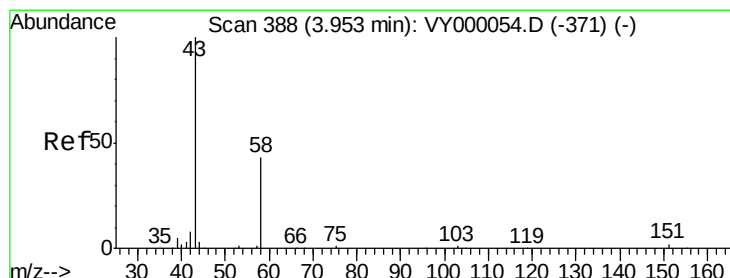
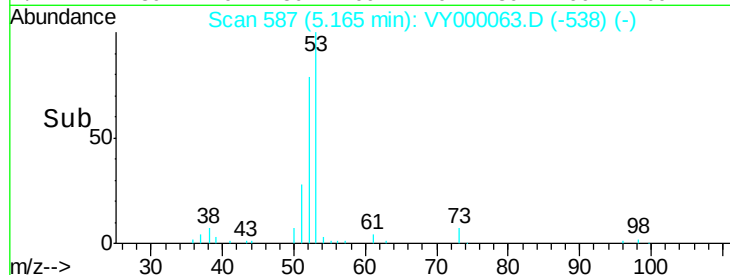
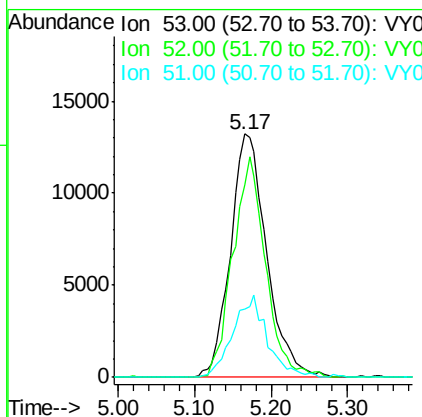
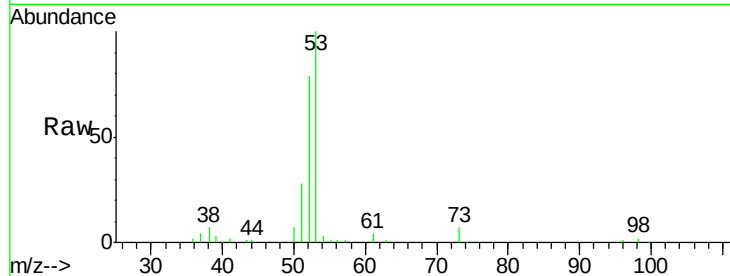
ClientSampleId :

VY0918SBS01

Tot Ion:	53	Resp:	43403
Ion	Ratio	Lower	Upper
53	100		
52	81.9	64.7	97.1
51	31.9	26.7	40.1

Manual Integrations
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#16

Acetone

Concen: 110.885 ug/l

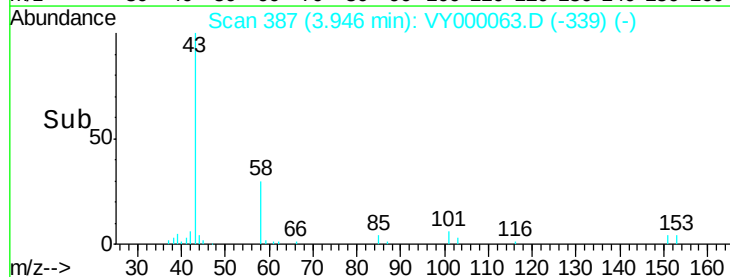
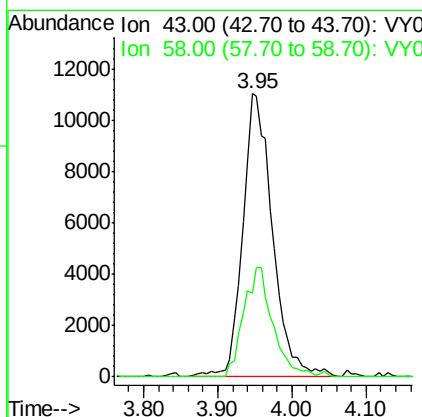
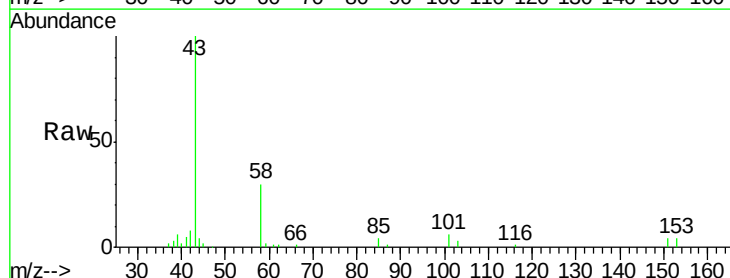
RT: 3.95 min Scan# 387

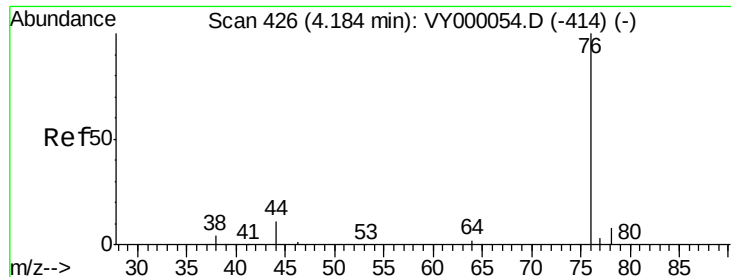
Delta R.T. -0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion:	43	Resp:	31021
Ion	Ratio	Lower	Upper
43	100		
58	29.8	34.5	51.7#





#17

Carbon Disulfide

Concen: 20.939 ug/l

RT: 4.19 min Scan# 427

Delta R.T. 0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion: 76 Resp: 41369

Ion Ratio Lower Upper

76 100

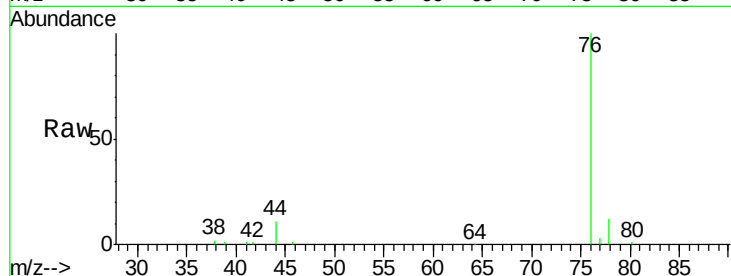
78 11.6 6.6 9.8#

Manual Integrations

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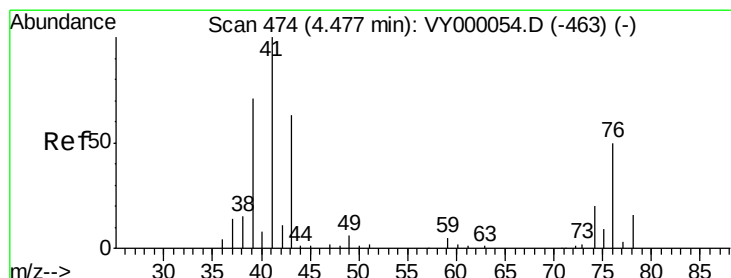
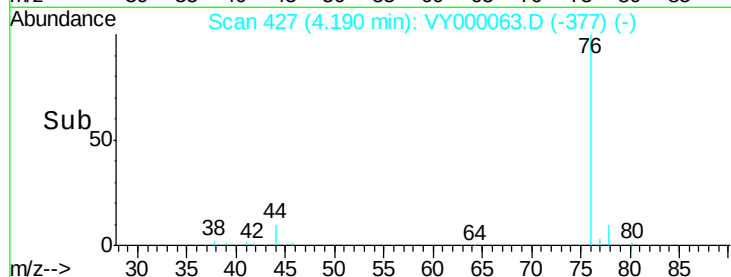
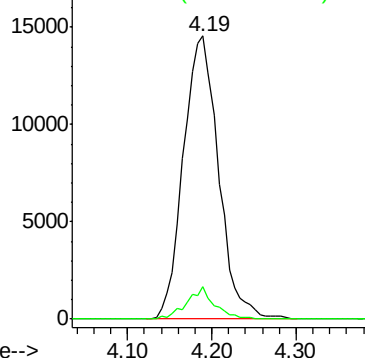
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.721 ug/l

RT: 4.48 min Scan# 475

Delta R.T. 0.01 min

Lab File: VY000063.D

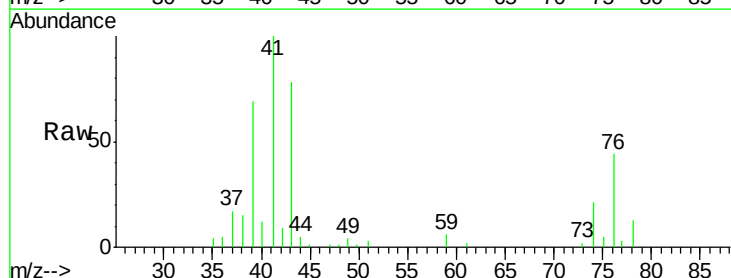
Acq: 18 Sep 2019 16:19

Tgt Ion: 43 Resp: 19367

Ion Ratio Lower Upper

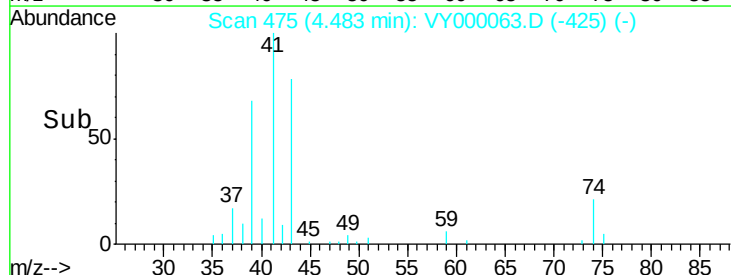
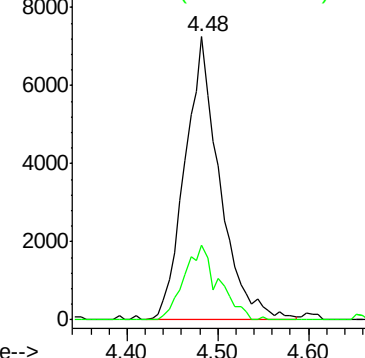
43 100

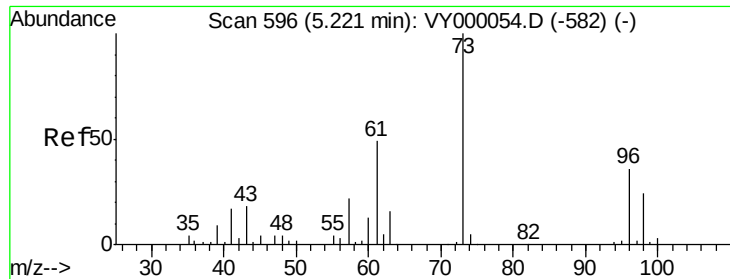
74 26.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





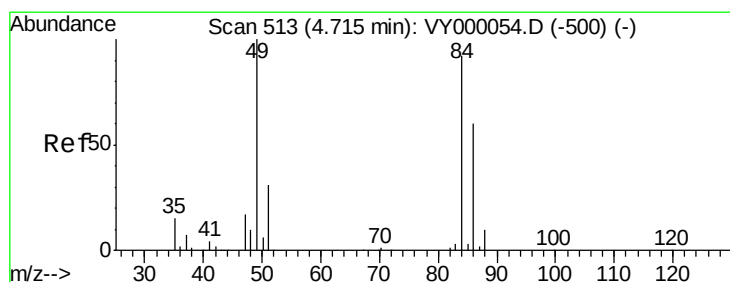
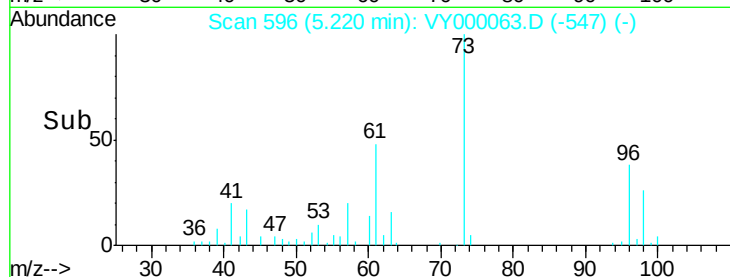
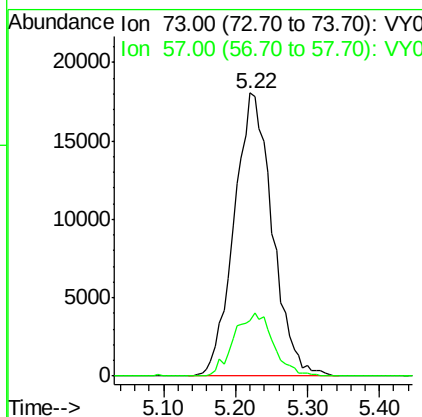
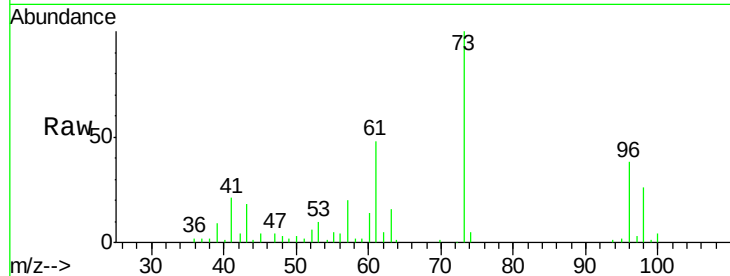
#19
Methyl tert-butyl Ether
Concen: 20.949 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	73	Resp	66711
Ion Ratio	100	Lower	Upper
57	19.7	17.5	26.3

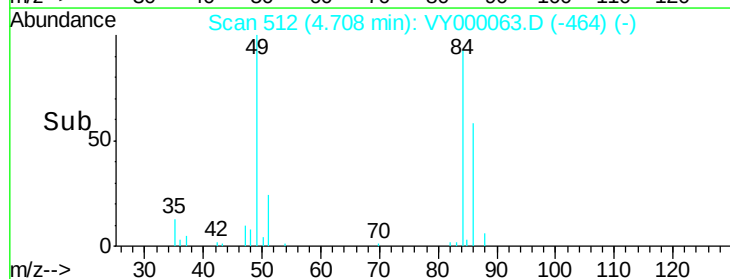
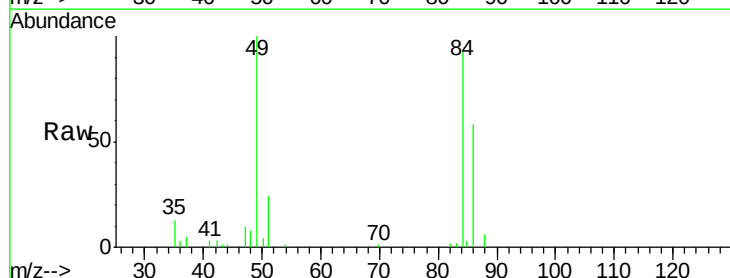
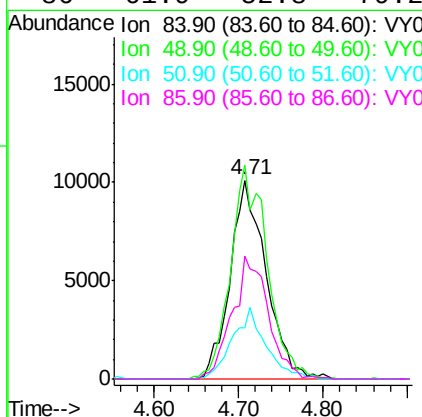
Manual Integrations
APPROVED

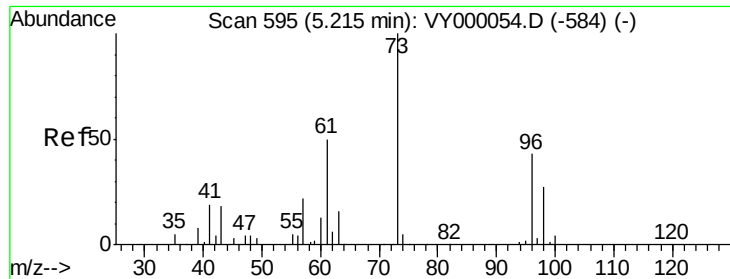
MMDadoda
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#20
Methylene Chloride
Concen: 22.229 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion	84	Resp	29255
Ion Ratio	100	Lower	Upper
49	107.5	87.4	131.0
51	25.9	27.2	40.8
86	61.9	52.8	79.2





#21

trans-1,2-Dichloroethene

Concen: 21.273 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

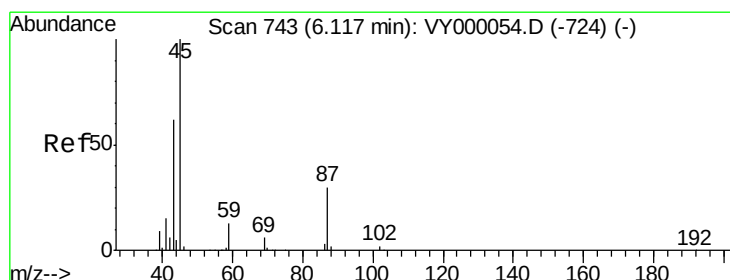
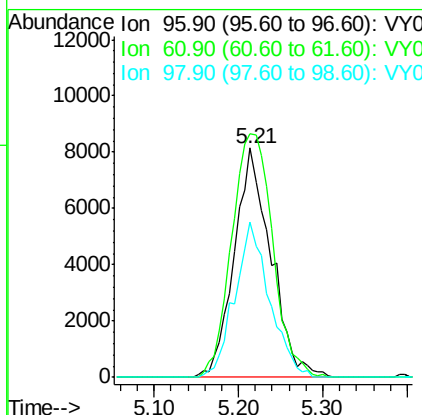
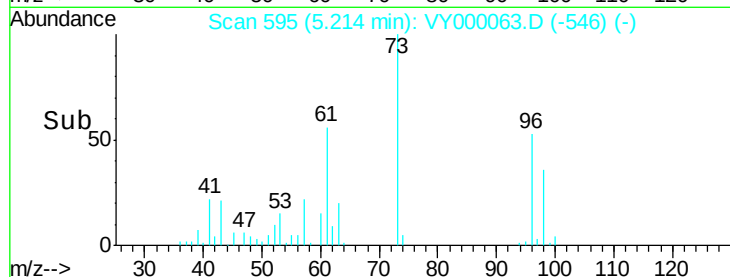
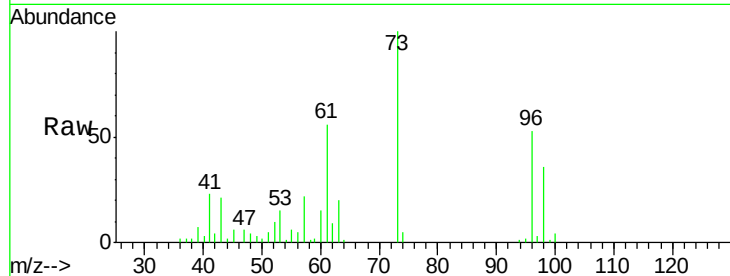
ClientSampleId :

VY0918SBS01

Tot Ion:	96	Resp:	24097
Ion	Ratio	Lower	Upper
96	100		
61	106.3	94.0	141.0
98	68.0	50.3	75.5

Manual Integrations
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9/20/2019 12:39:29 AM



#22

Diisopropyl ether

Concen: 22.101 ug/l

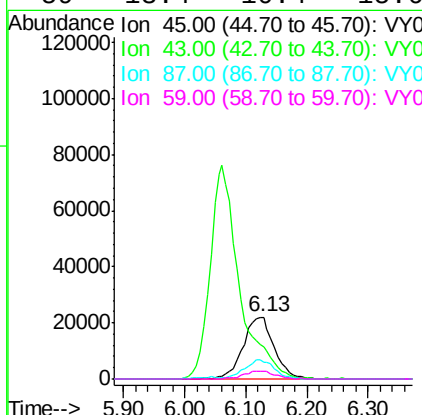
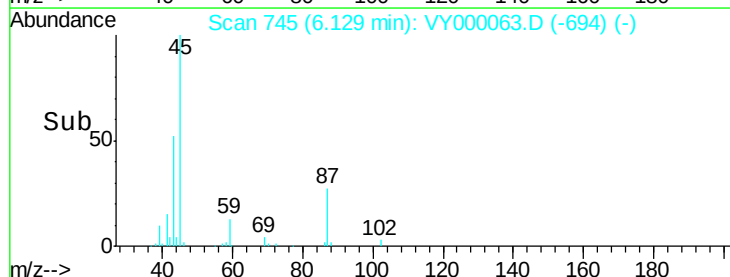
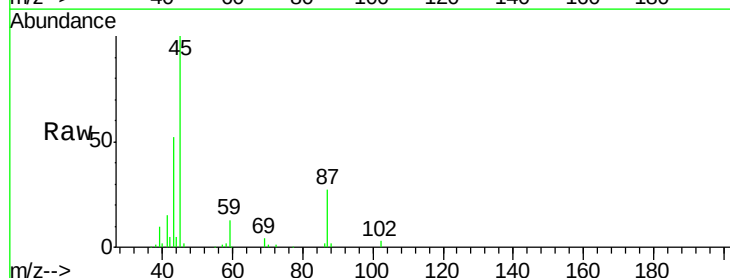
RT: 6.13 min Scan# 745

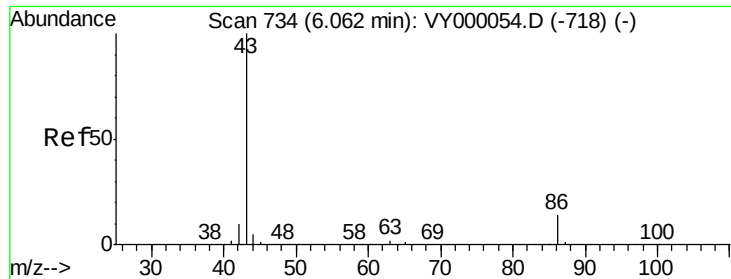
Delta R.T. 0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion:	45	Resp:	77770
Ion	Ratio	Lower	Upper
45	100		
43	51.0	49.9	74.9
87	27.0	25.0	37.4
59	13.4	10.4	15.6





#23

Vinyl Acetate

Concen: 108.273 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion: 43 Resp: 254990

Ion Ratio Lower Upper

43 100

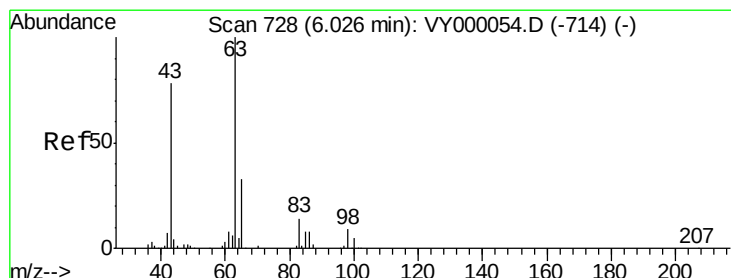
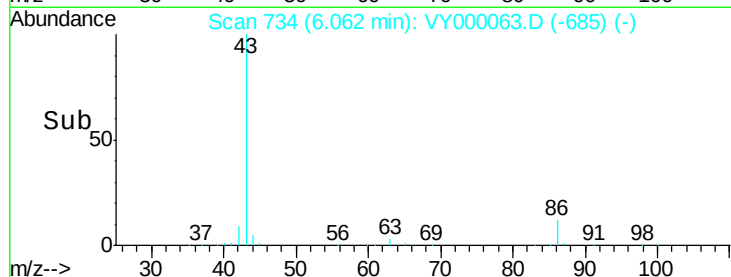
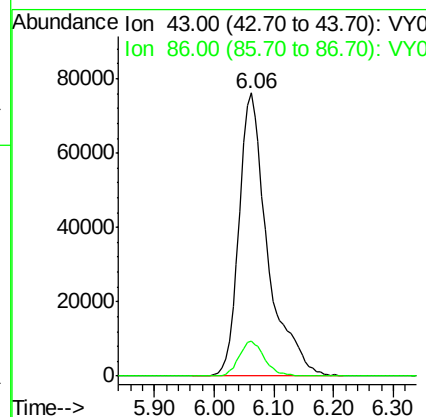
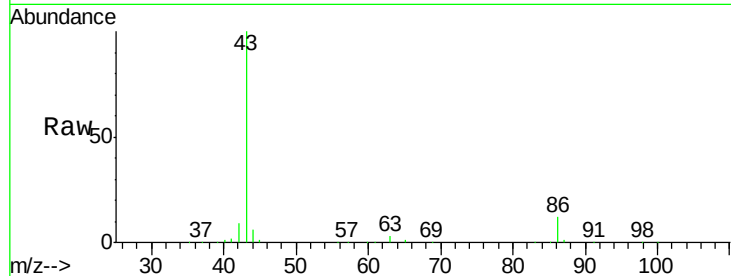
86 12.5 11.3 16.9

Manual Integrations

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MMDadoda

9/20/2019 12:39:29 AM



#24

1,1-Dichloroethane

Concen: 21.719 ug/l

RT: 6.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

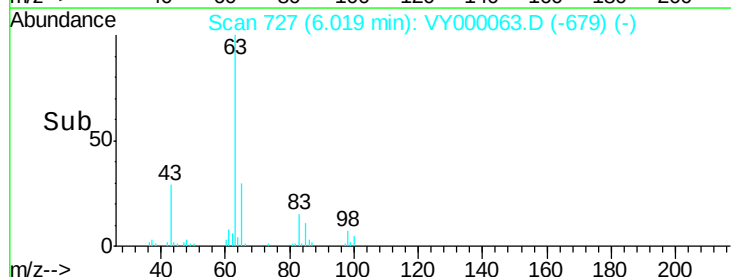
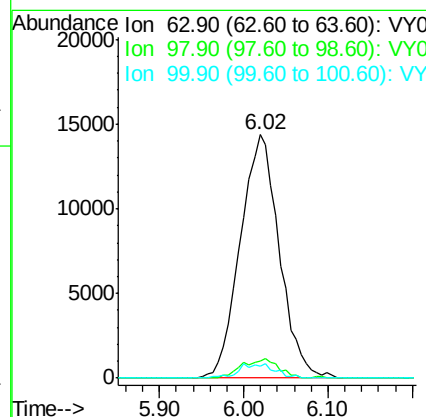
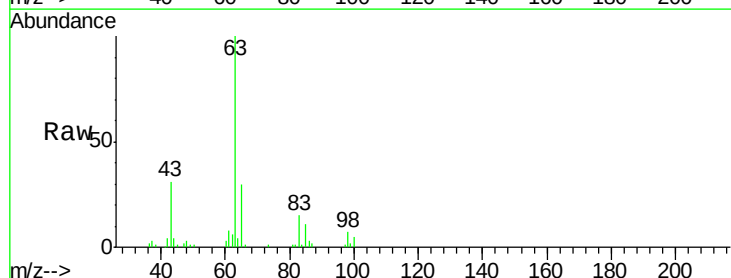
Tgt Ion: 63 Resp: 45233

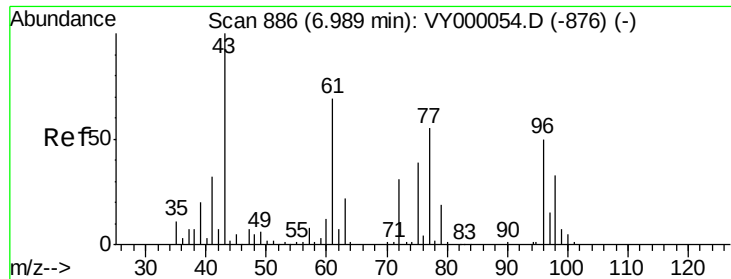
Ion Ratio Lower Upper

63 100

98 7.0 4.5 13.5

100 5.0 2.5 7.5





#25

2-Butanone

Concen: 102.146 ug/l

RT: 7.00 min Scan# 888

Delta R.T. 0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion: 43 Resp: 51759

Ion Ratio Lower Upper

43 100

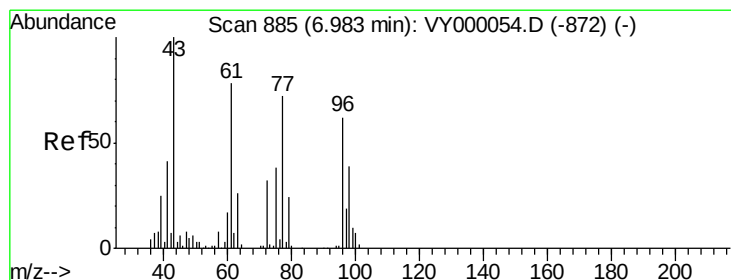
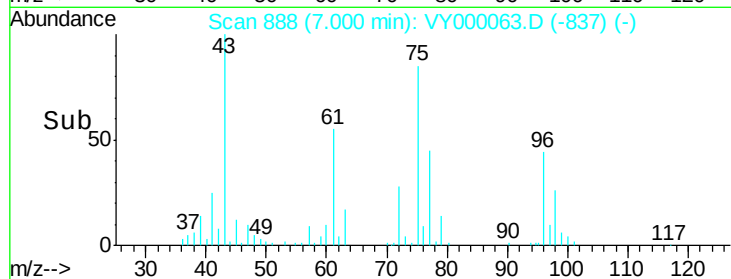
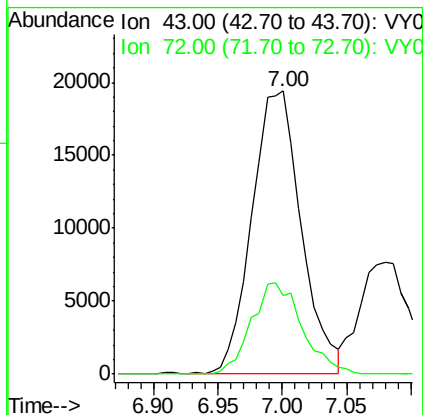
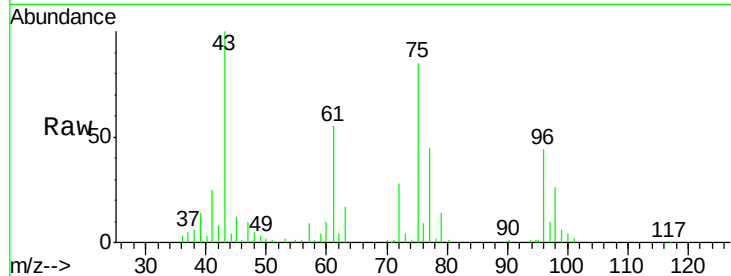
72 27.6 24.7 37.1

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#26

2,2-Dichloropropane

Concen: 21.479 ug/l

RT: 6.99 min Scan# 886

Delta R.T. 0.01 min

Lab File: VY000063.D

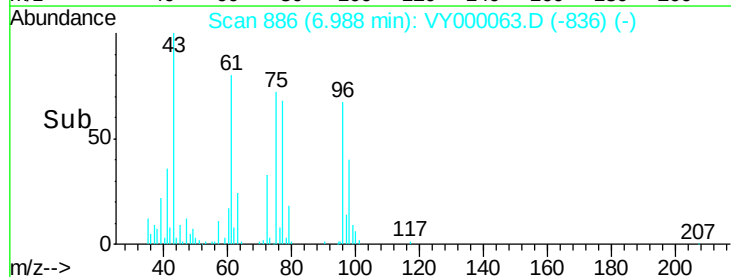
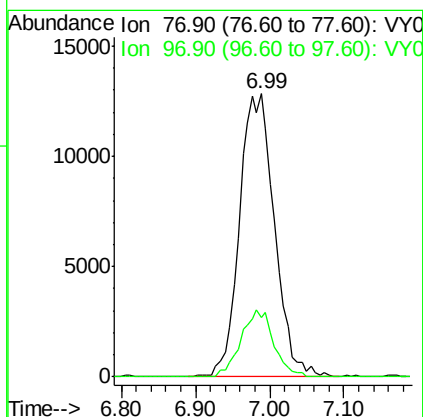
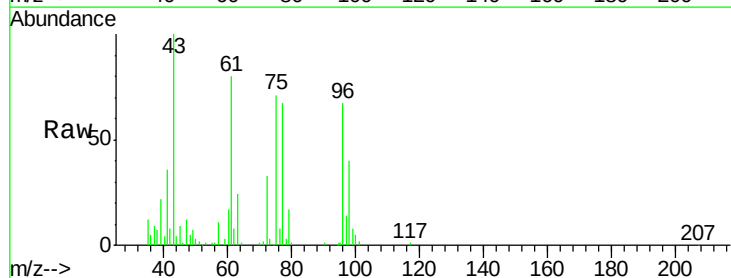
Acq: 18 Sep 2019 16:19

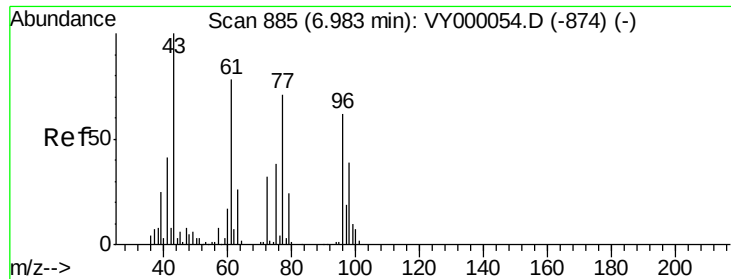
Tgt Ion: 77 Resp: 42216

Ion Ratio Lower Upper

77 100

97 22.1 12.5 37.5





#27

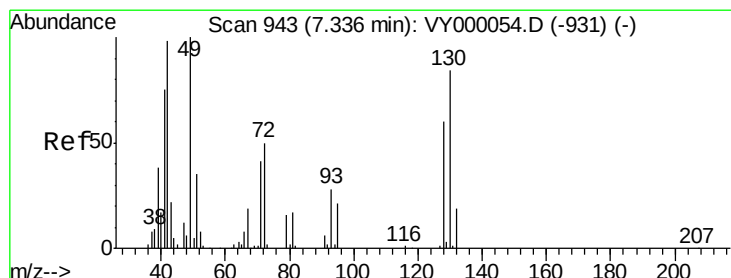
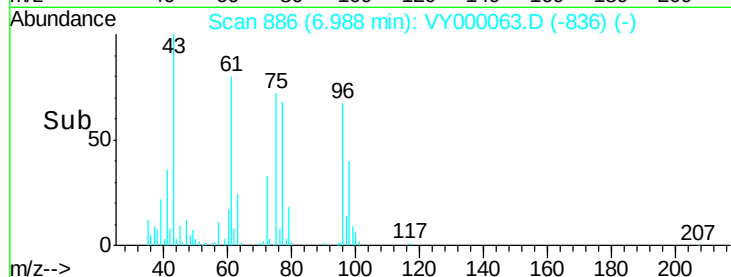
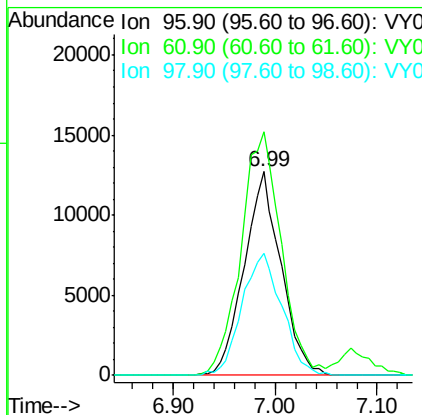
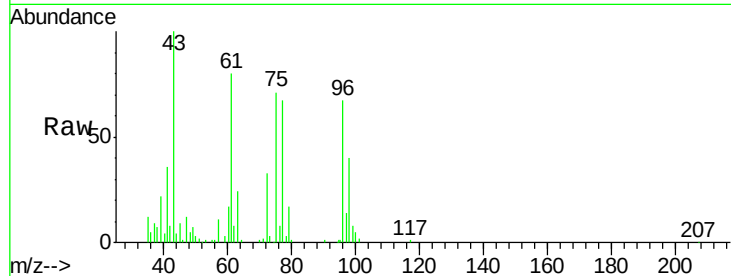
cis-1,2-Dichloroethene
 Concen: 22.269 ug/l
 RT: 6.99 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	31938		
61	130.4	0.0	263.0	
98	65.0	0.0	130.2	

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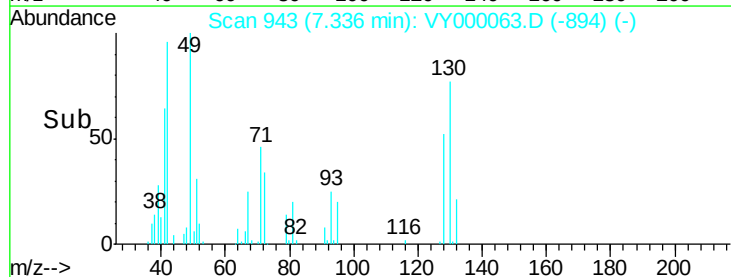
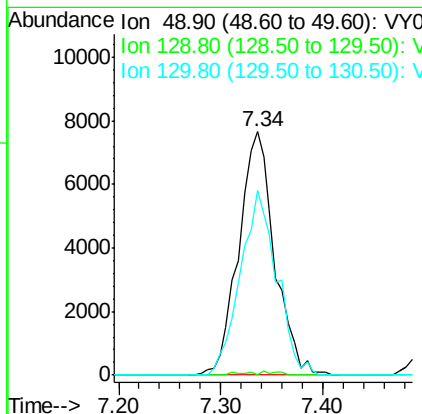
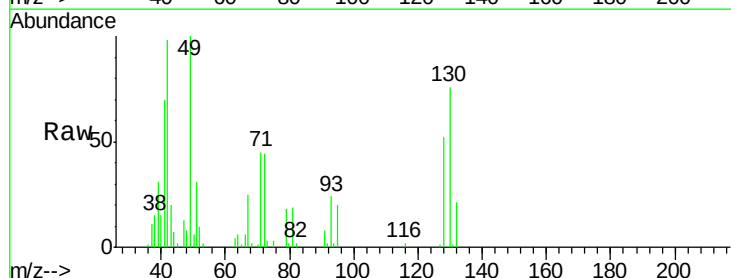
MMDadoda
 9/20/2019 12:39:29 AM

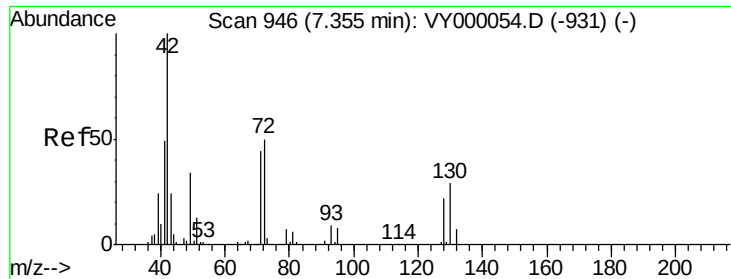


#28

Bromochloromethane
 Concen: 19.337 ug/l
 RT: 7.34 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	18668		
129	0.7	0.0	4.8	
130	77.1	66.2	99.4	





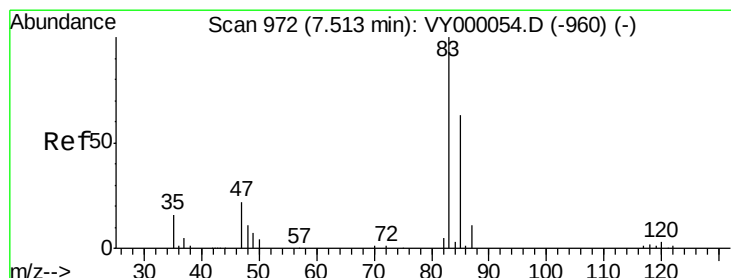
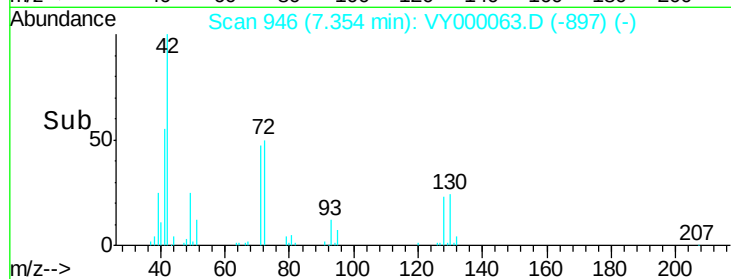
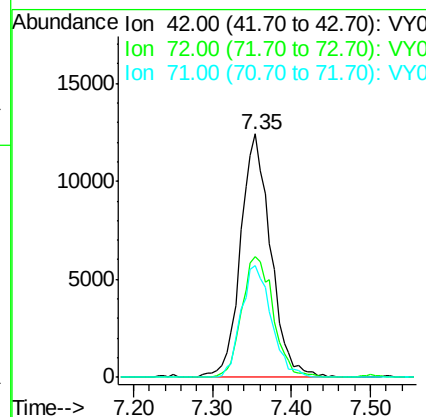
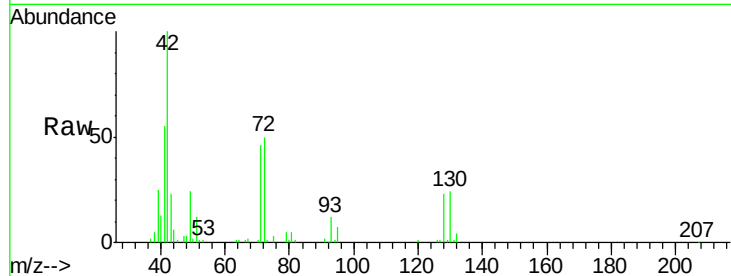
#29
Tetrahydrofuran
Concen: 108.470 ug/l
RT: 7.35 min Scan# 946
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.9	41.8	62.6
71	45.9	38.6	58.0

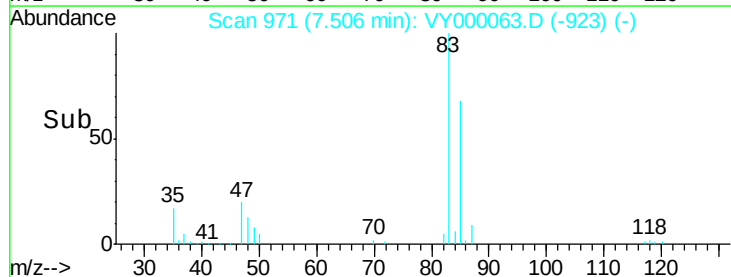
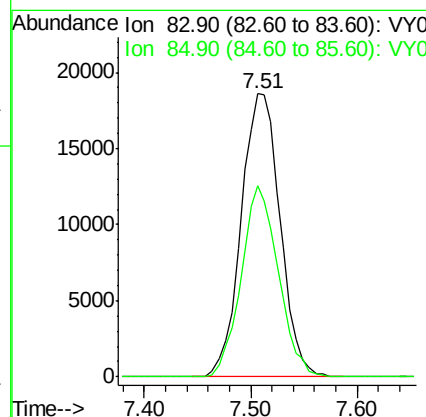
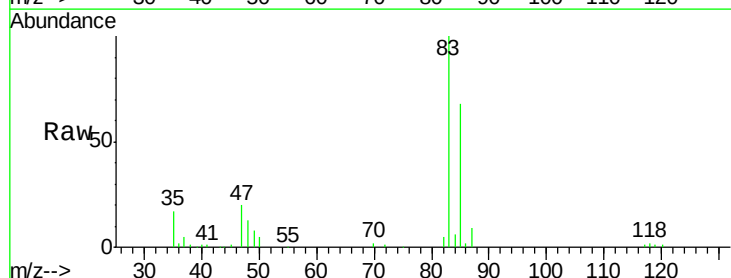
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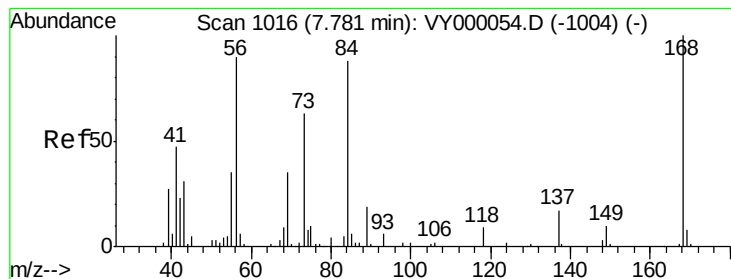
MMDadoda
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#30
Chloroform
Concen: 22.164 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	50.6	76.0





#31

Cyclohexane

Concen: 22.388 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

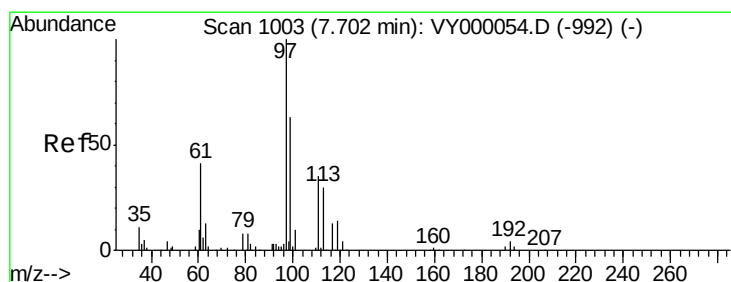
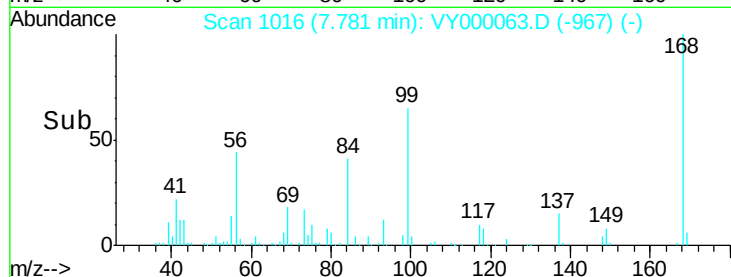
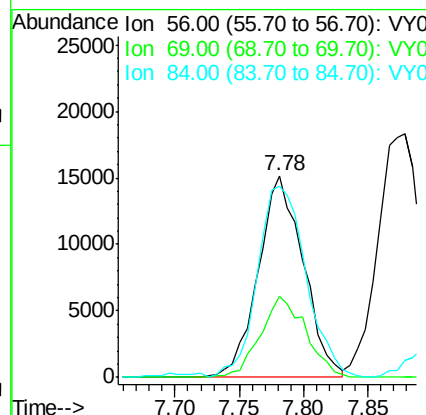
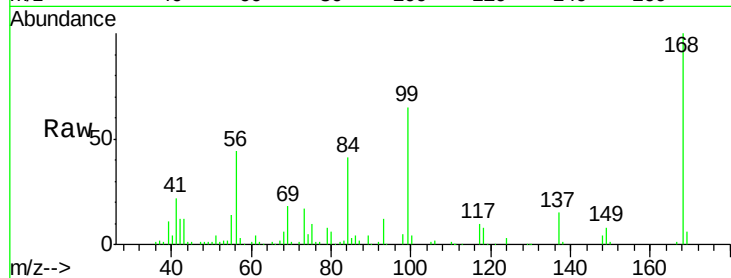
ClientSampleId :

VY0918SBS01

Tot Ion:	56	Resp:	36771
Ion Ratio	Lower	Upper	
56	100		
69	40.4	30.9	46.3
84	92.9	78.5	117.7

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#32

1,1,1-Trichloroethane

Concen: 21.640 ug/l

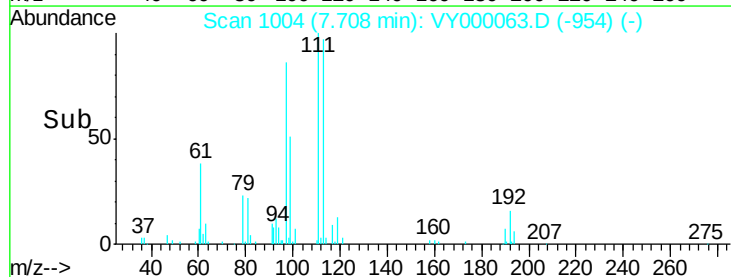
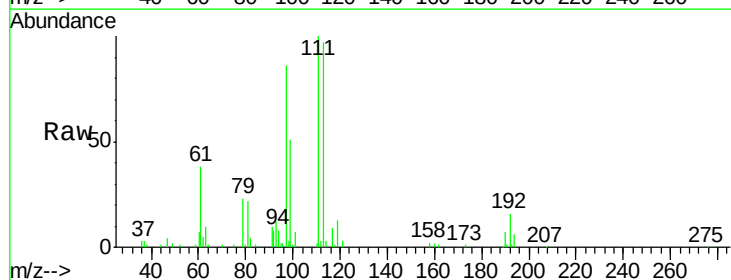
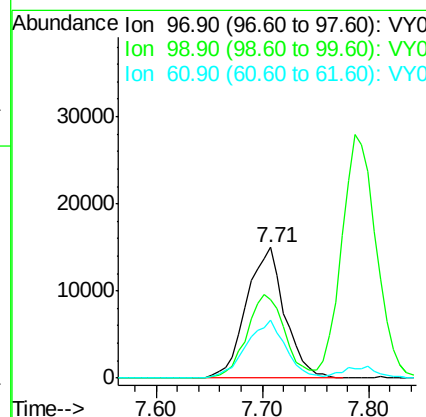
RT: 7.71 min Scan# 1004

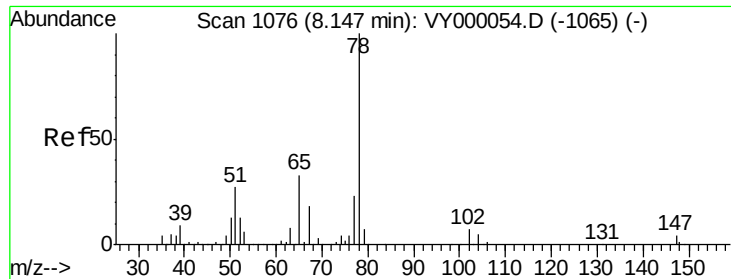
Delta R.T. 0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion:	97	Resp:	37777
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.8	77.6
61	45.3	34.3	51.5





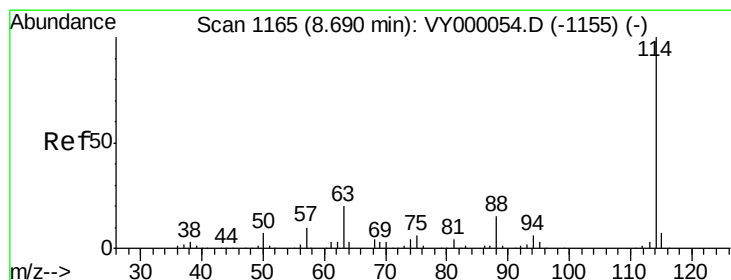
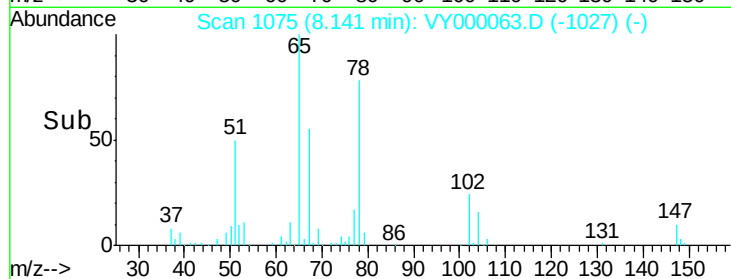
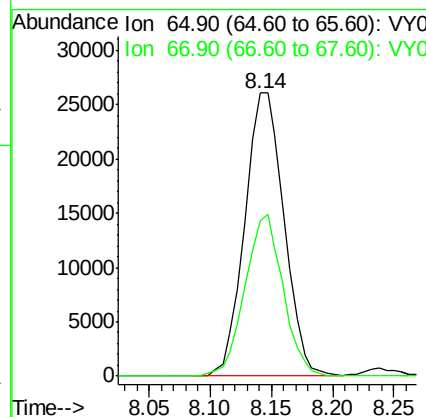
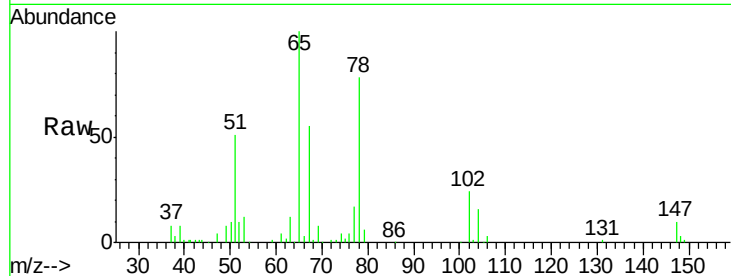
#33
 1,2-Dichloroethane-d4
 Concen: 48.347 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	58091		
67	55.7	0.0	111.0	

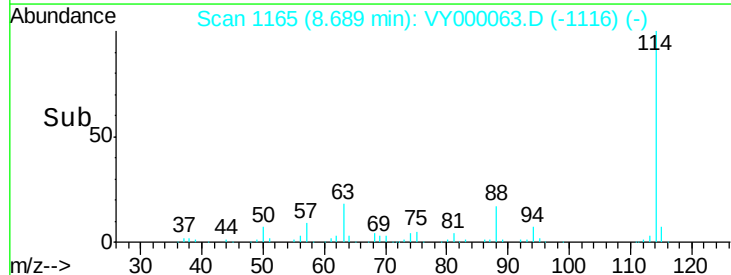
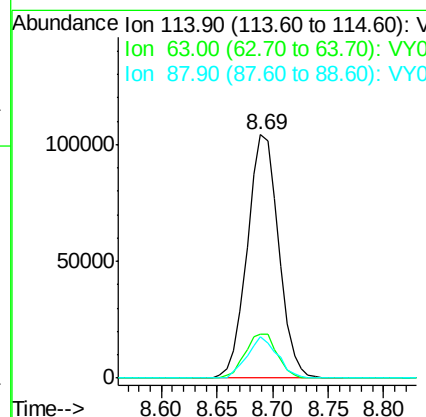
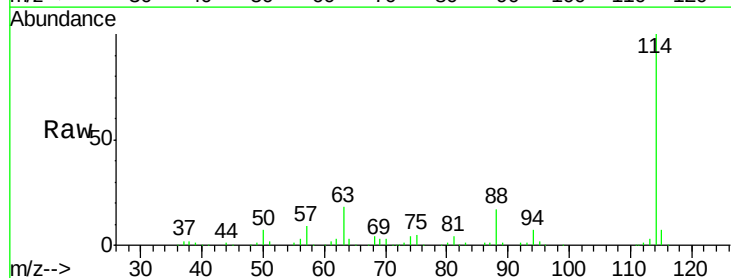
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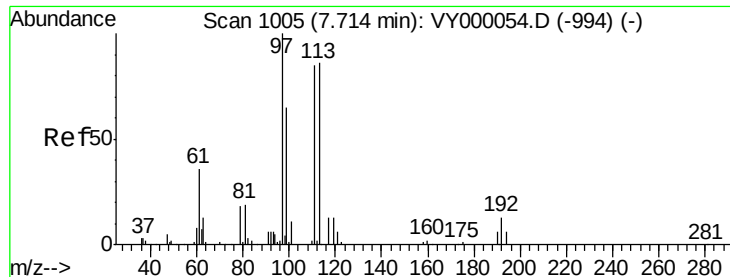
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	205012		
63	17.9	0.0	39.4	
88	16.9	0.0	30.2	





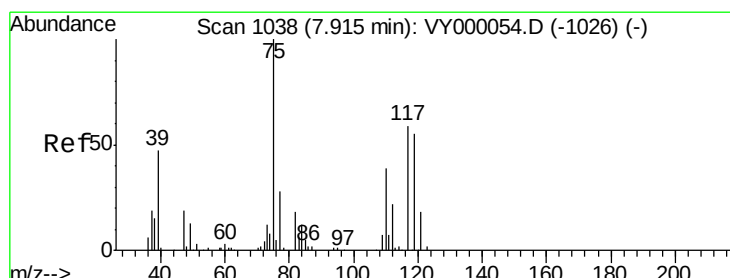
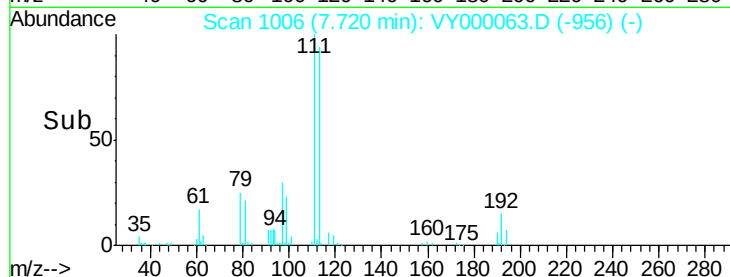
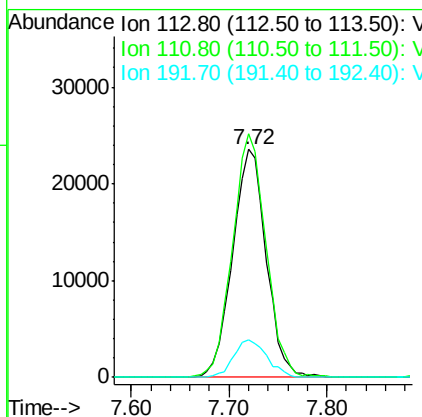
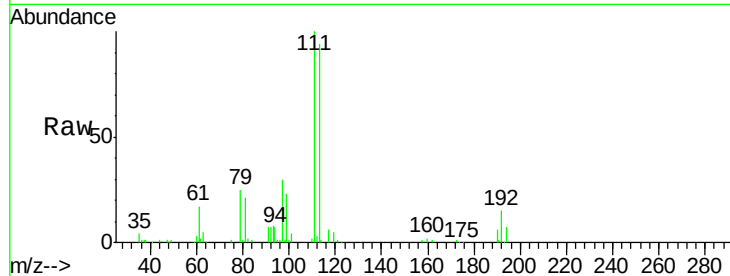
#35
 Dibromofluoromethane
 Concen: 45.158 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	106.7	81.7	122.5
192	16.3	13.4	20.2

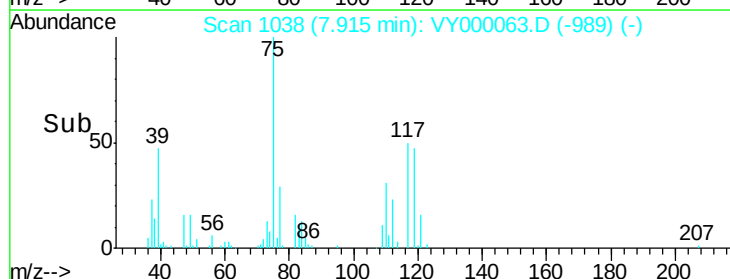
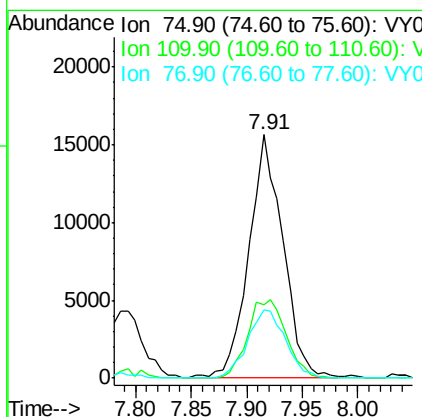
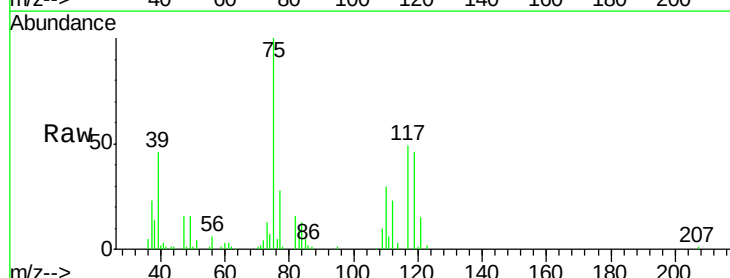
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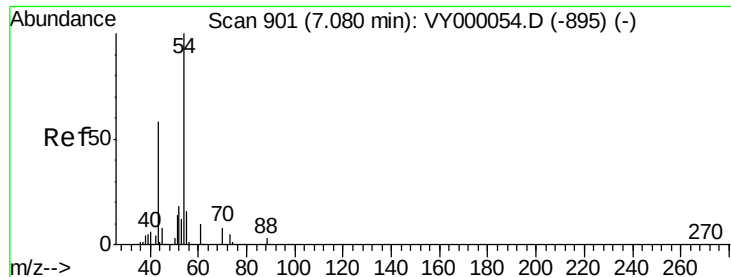
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#36
 1,1-Dichloropropene
 Concen: 21.775 ug/l
 RT: 7.91 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	19.6	58.7
77	31.2	24.3	36.5





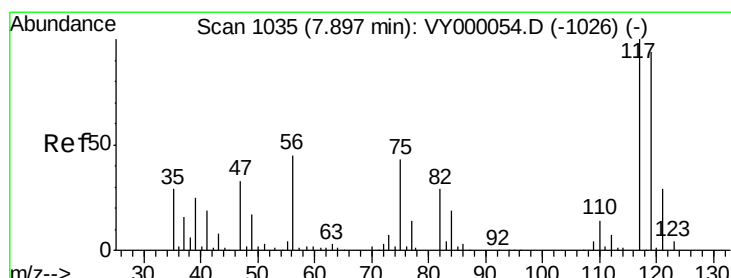
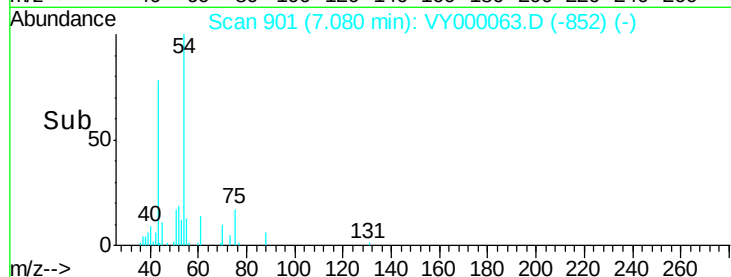
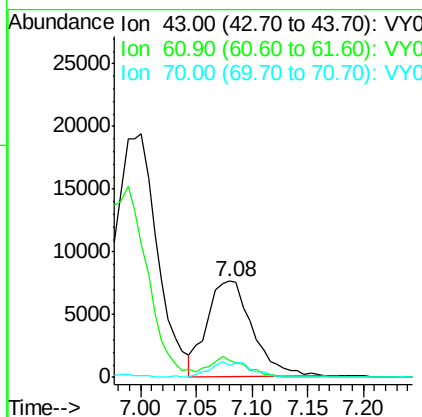
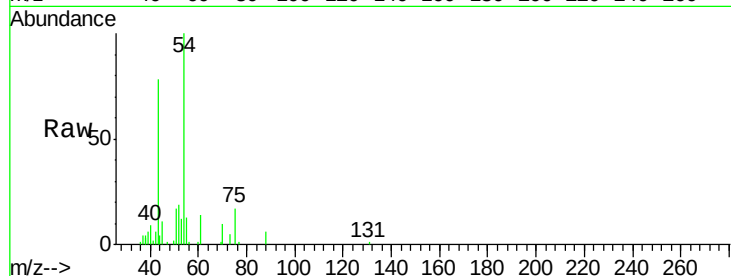
#37
Ethyl Acetate
Concen: 20.777 ug/l
RT: 7.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.2	14.1	21.1
70	14.6	10.6	15.8

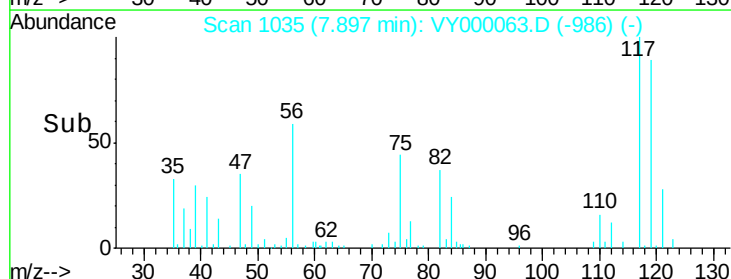
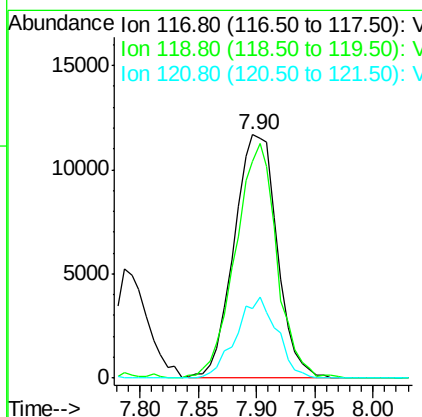
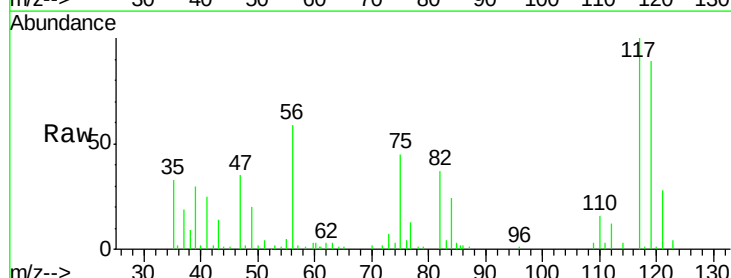
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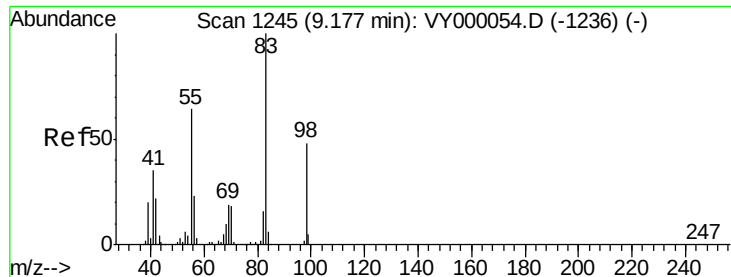
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#38
Carbon Tetrachloride
Concen: 20.832 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.1	75.0	112.6
121	28.4	22.8	34.2





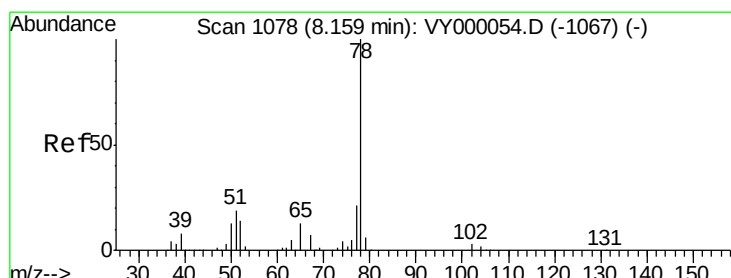
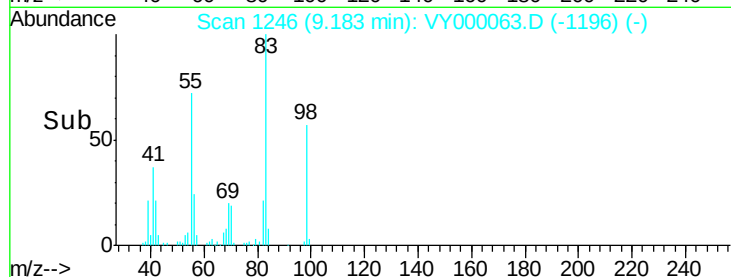
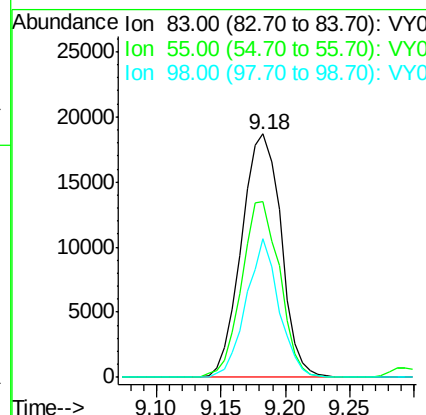
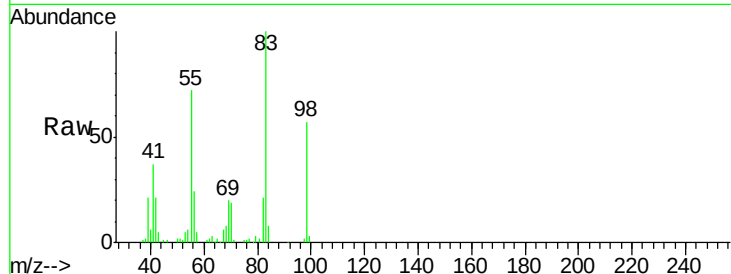
#39
Methylvlcyclohexane
Concen: 21.104 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.0	51.0	76.6
98	56.7	38.5	57.7

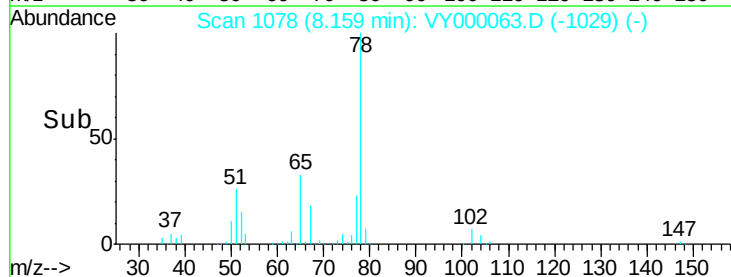
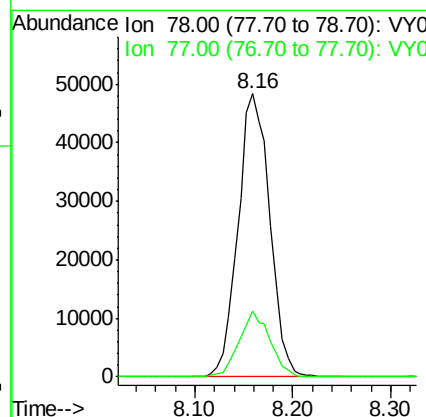
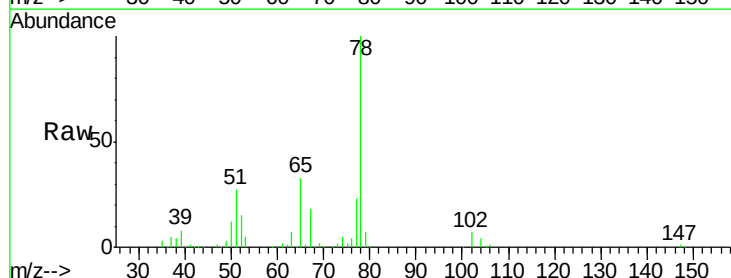
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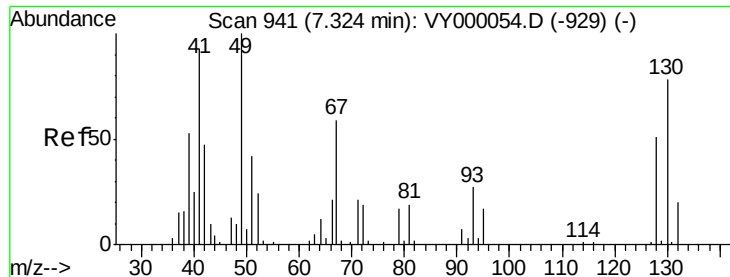
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#40
Benzene
Concen: 21.460 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	16.8	25.2





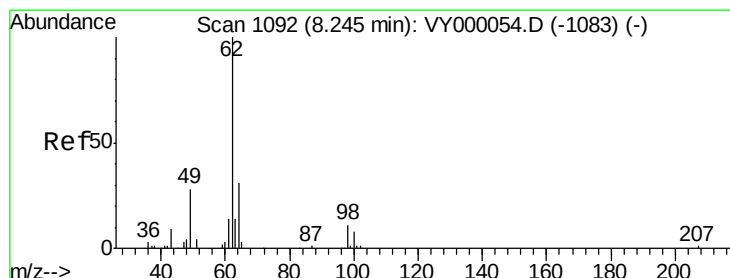
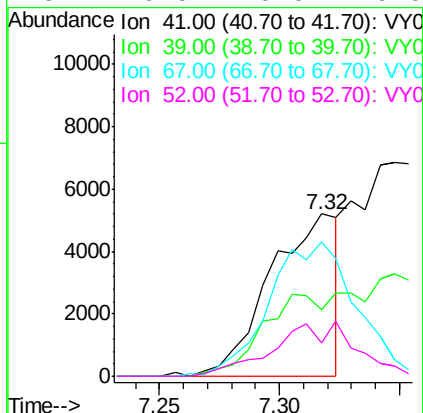
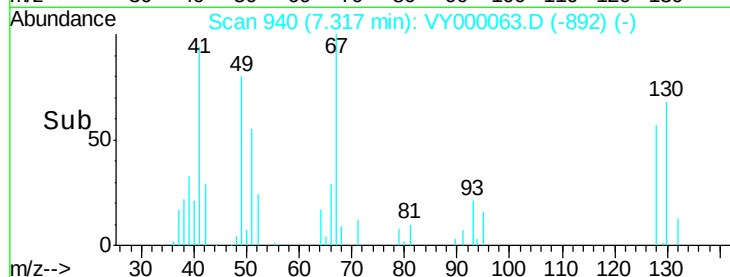
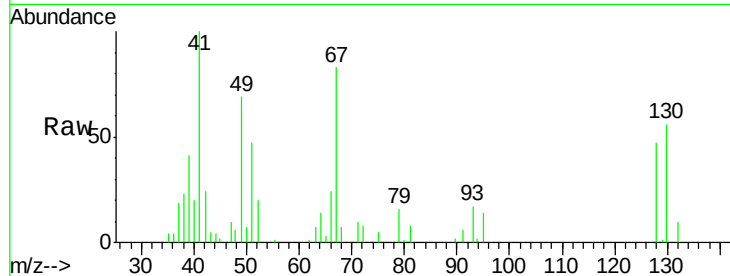
#41
Methacrylonitrile
Concen: 16.519 ug/l m
RT: 7.32 min Scan# 940
Delta R.T. -0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion:	41	Resp:	10388
Ion Ratio	Lower	Upper	
41	100		
39	68.7	91.8	137.6#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

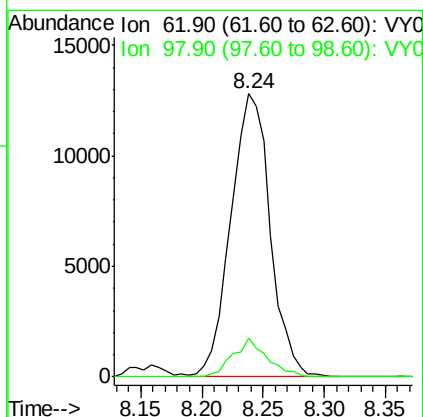
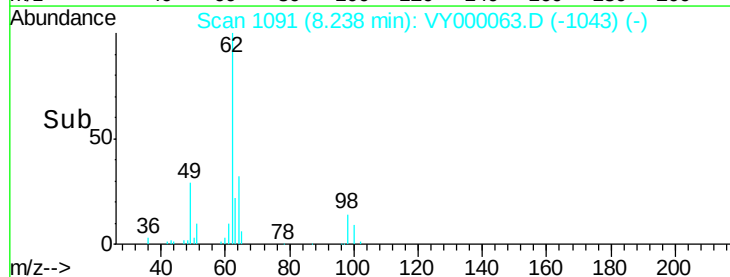
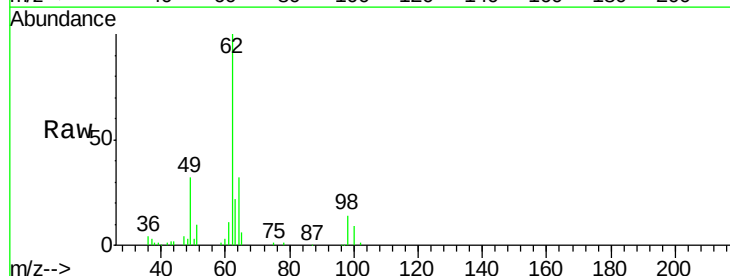
Manual Integrations
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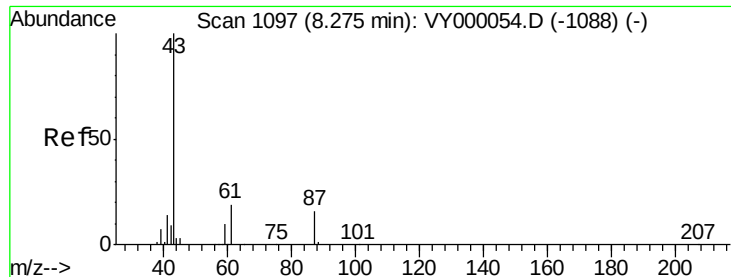
MMDadoda
9/20/2019 12:39:29 AM



#42
1,2-Dichloroethane
Concen: 21.297 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion:	62	Resp:	28562
Ion Ratio	Lower	Upper	
62	100		
98	11.9	0.0	23.6





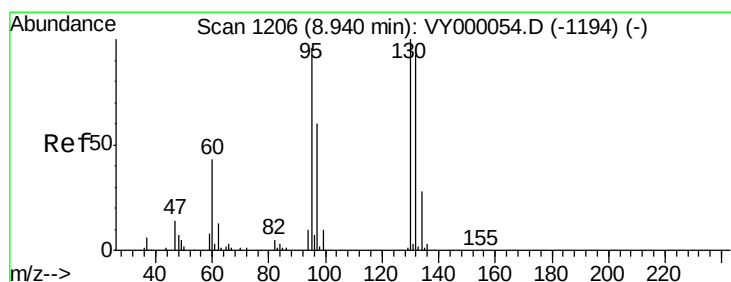
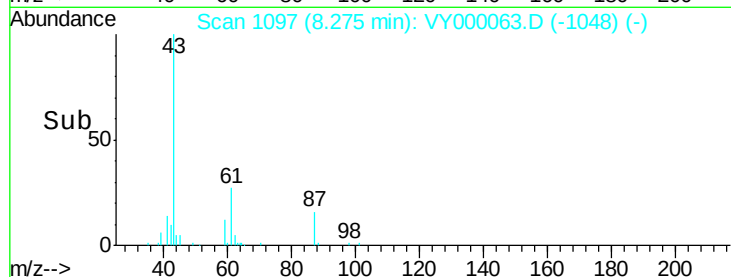
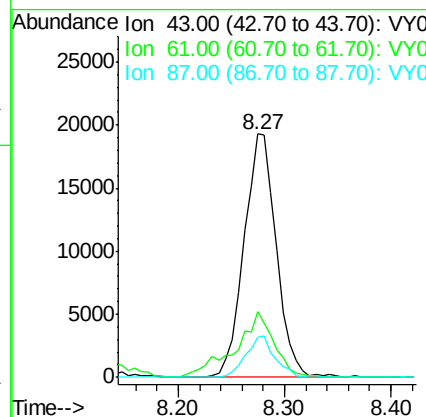
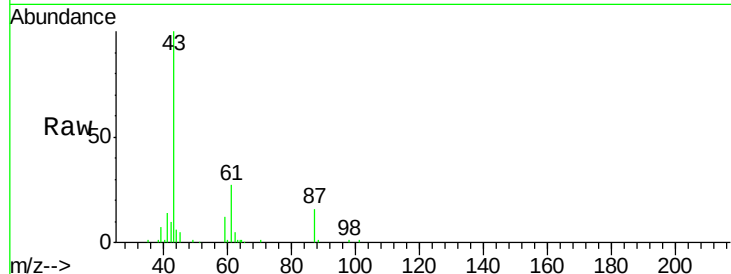
#43
Isopropyl Acetate
Concen: 20.569 ug/l
RT: 8.27 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	43	Resp	41105
Ion Ratio	100	Lower	Upper
43	100		
61	32.2	25.0	37.6
87	15.0	12.4	18.6

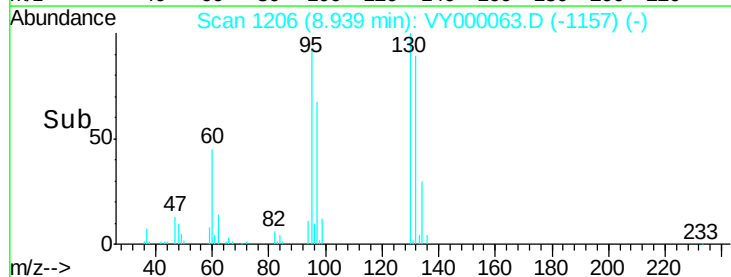
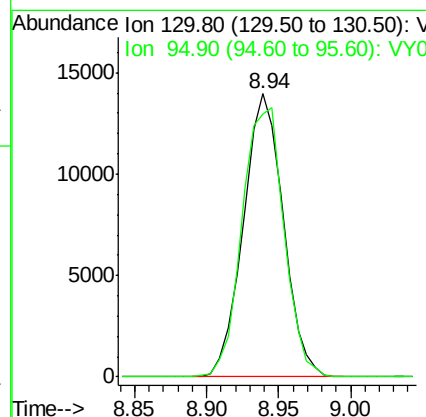
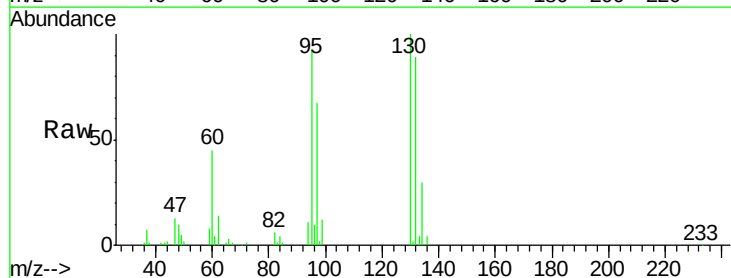
Manual Integrations
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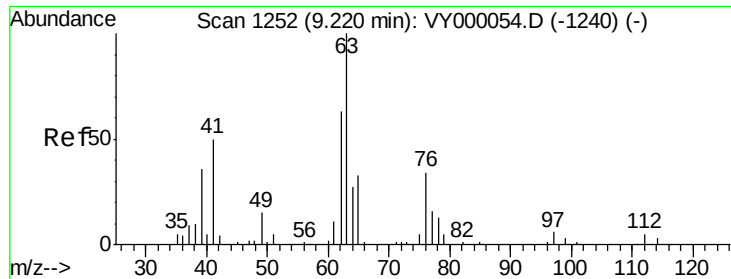
MMDadoda
9/20/2019 12:39:29 AM



#44
Trichloroethene
Concen: 20.722 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion	130	Resp	26803
Ion Ratio	100	Lower	Upper
130	100		
95	92.7	0.0	192.0





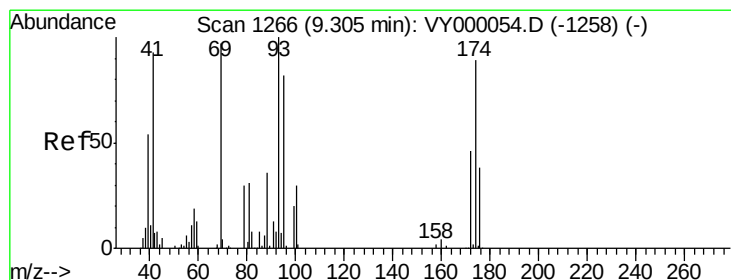
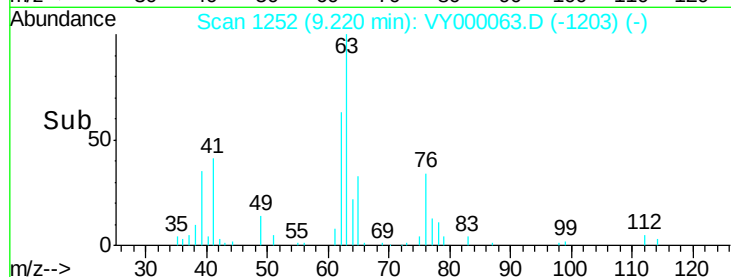
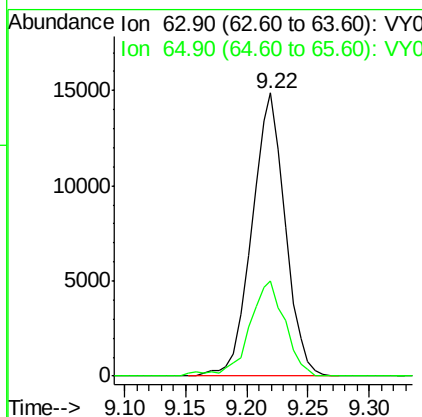
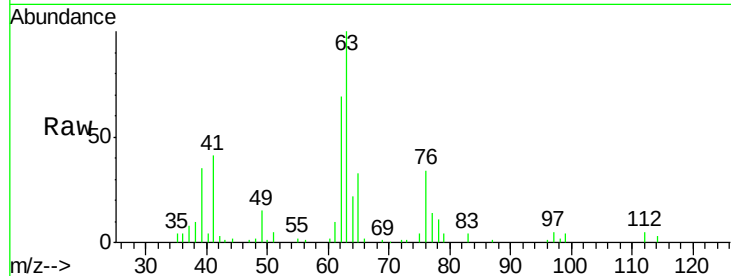
#45
 1,2-Dichloropropane
 Concen: 21.471 ug/l
 RT: 9.22 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.4	26.2	39.4

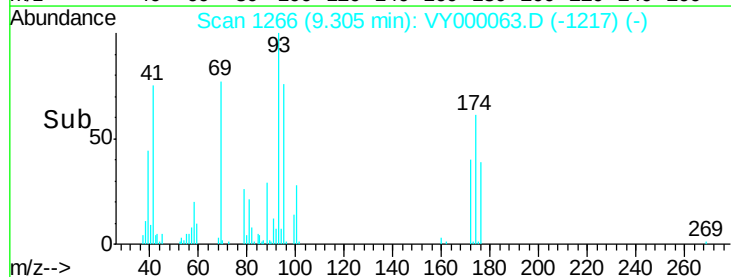
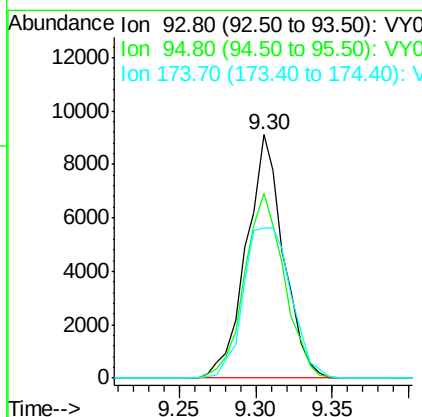
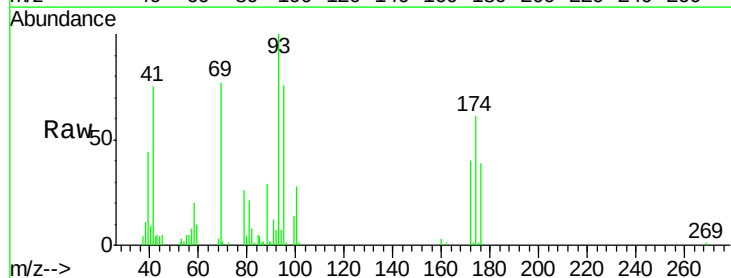
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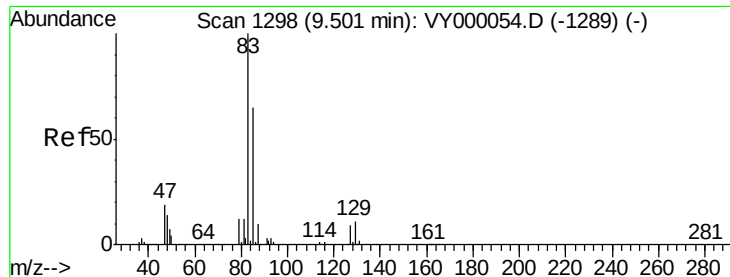
MMDadoda
 9/20/2019 12:39:29 AM



#46
 Dibromomethane
 Concen: 21.384 ug/l
 RT: 9.30 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.3	68.1	102.1
174	79.4	67.8	101.6





#47

Bromodichloromethane

Concen: 21.202 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. -0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

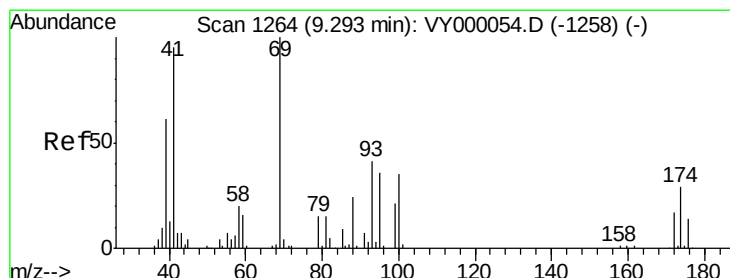
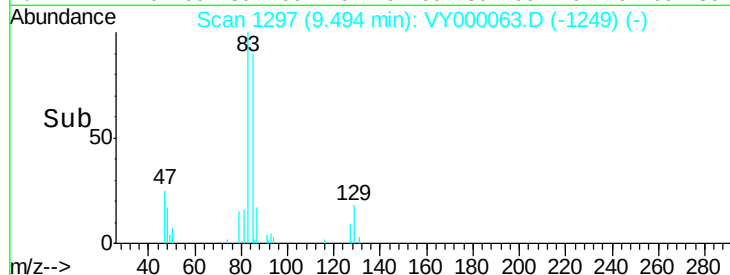
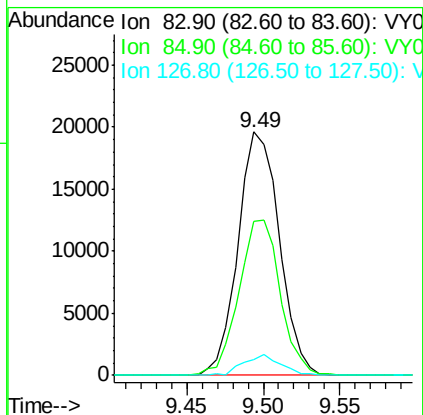
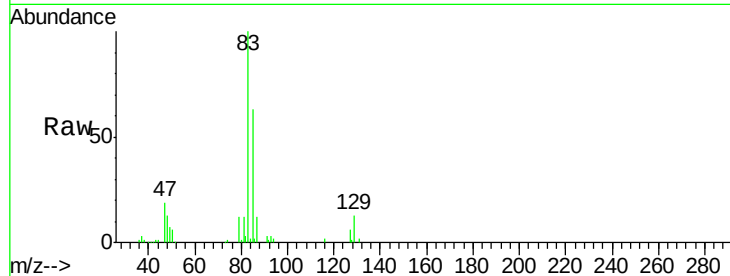
ClientSampleId :

VY0918SBS01

Tot Ion:	83	Resp:	36857
Ion Ratio	Lower	Upper	
83	100		
85	63.1	52.3	78.5
127	6.3	6.8	10.2#

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#48

Methyl methacrylate

Concen: 19.885 ug/l

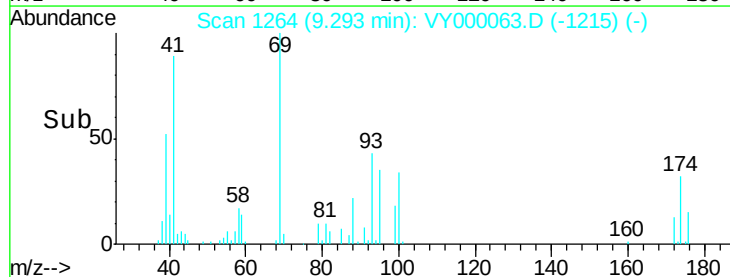
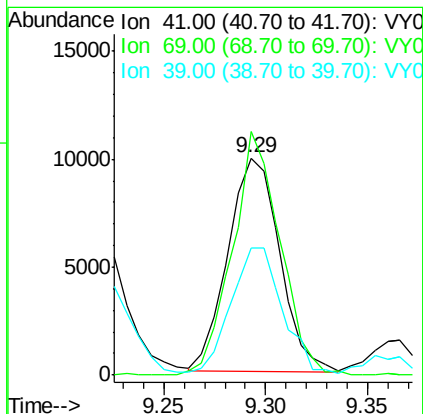
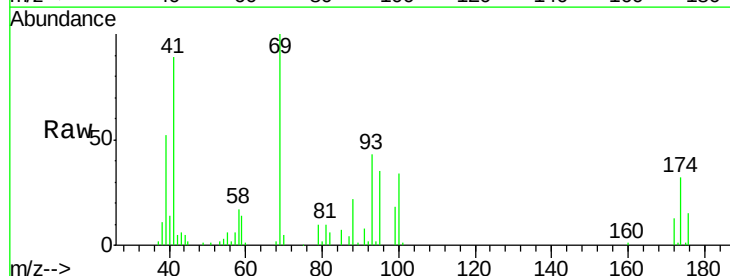
RT: 9.29 min Scan# 1264

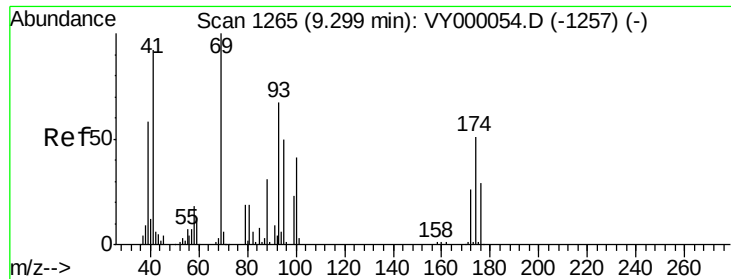
Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion:	41	Resp:	17476
Ion Ratio	Lower	Upper	
41	100		
69	104.5	78.1	117.1
39	60.1	49.4	74.0





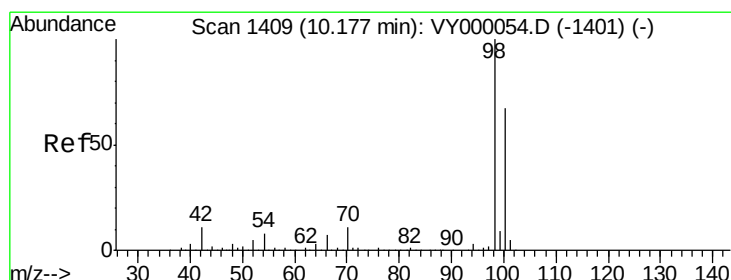
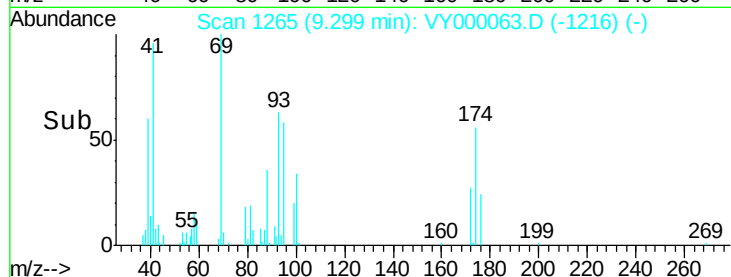
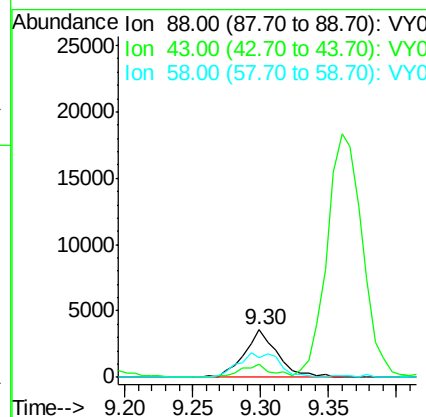
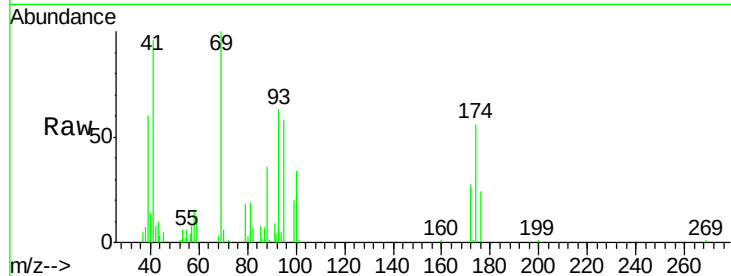
#49
1,4-Dioxane
Concen: 437.699 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	88	Resp	6088
Ion	Ratio	Lower	Upper
88	100		
43	25.9	18.7	28.1
58	63.9	53.0	79.6

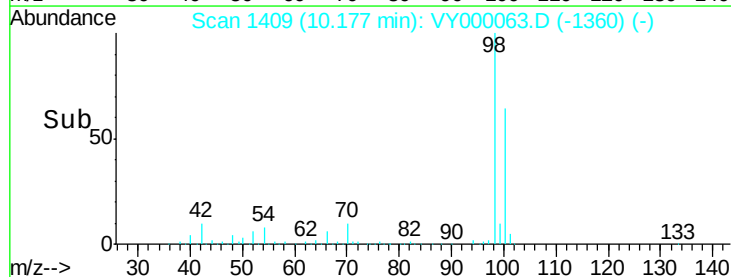
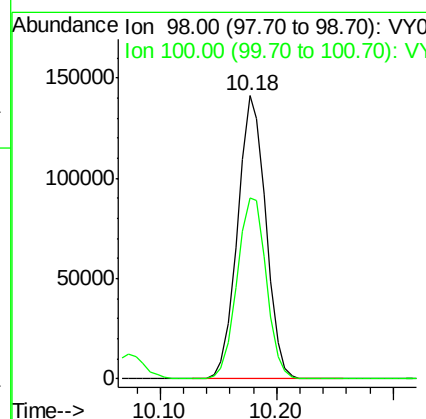
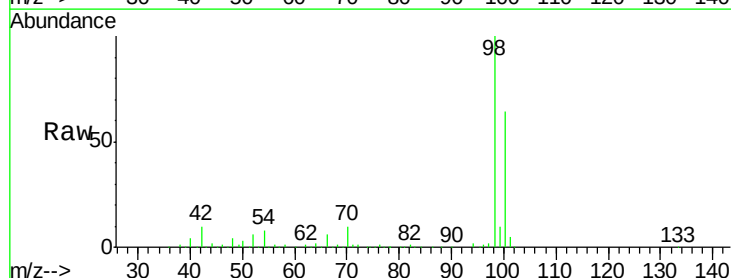
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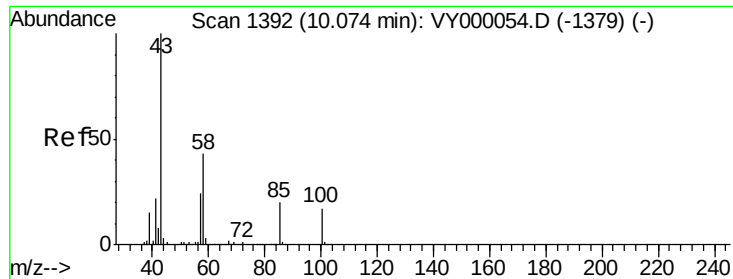
MMDadoda
9/20/2019 12:39:29 AM



#50
Toluene-d8
Concen: 48.808 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion	98	Resp	237961
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 103.936 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion: 43 Resp: 113402

Ion Ratio Lower Upper

43 100

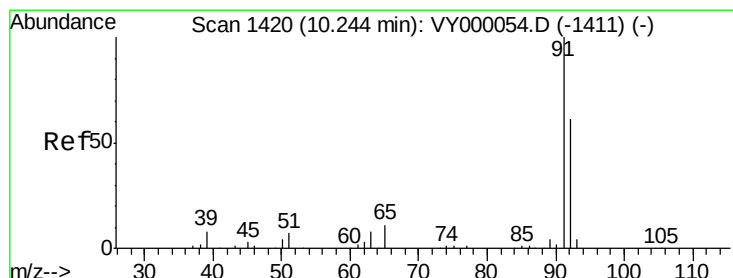
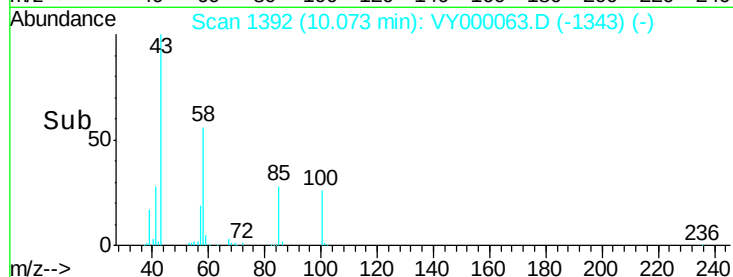
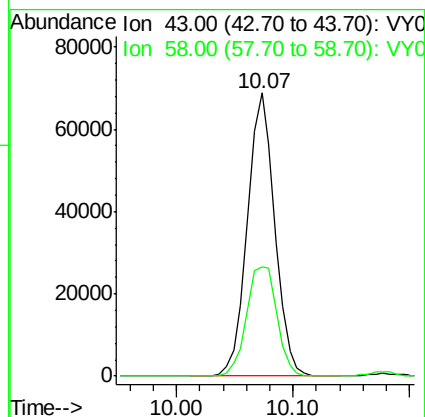
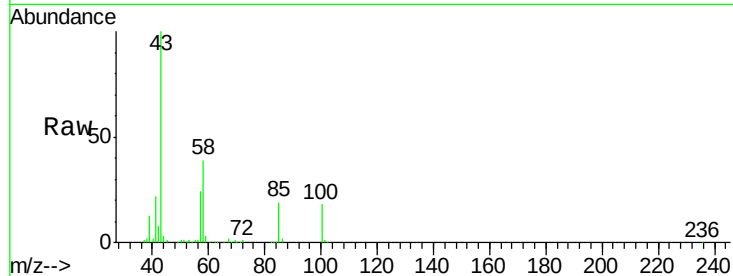
58 42.9 34.2 51.2

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#52

Toluene

Concen: 20.692 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VY000063.D

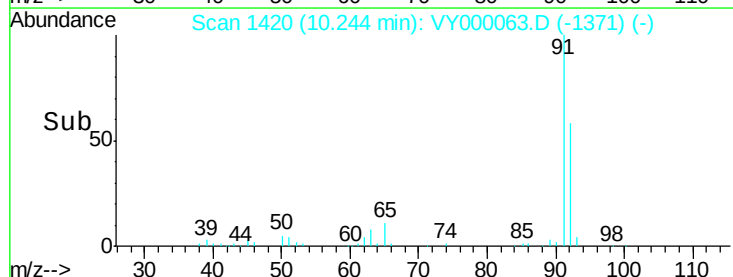
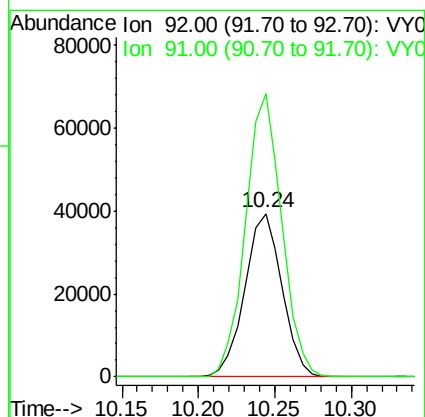
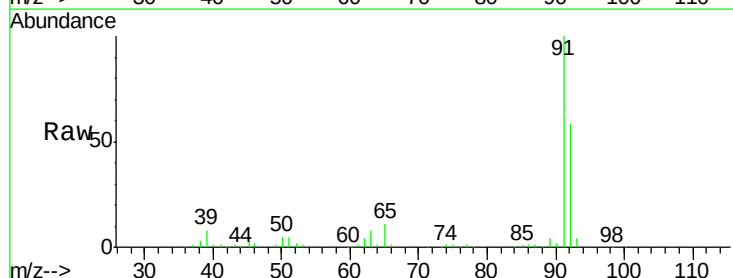
Acq: 18 Sep 2019 16:19

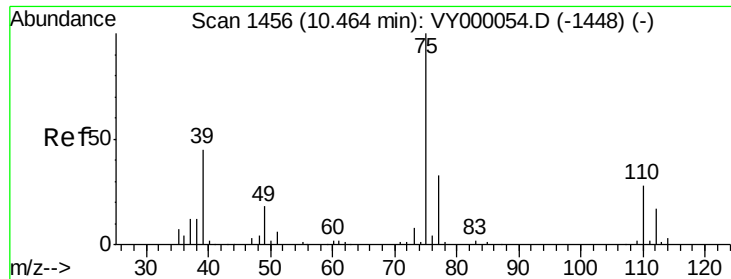
Tgt Ion: 92 Resp: 66560

Ion Ratio Lower Upper

92 100

91 168.9 135.8 203.6





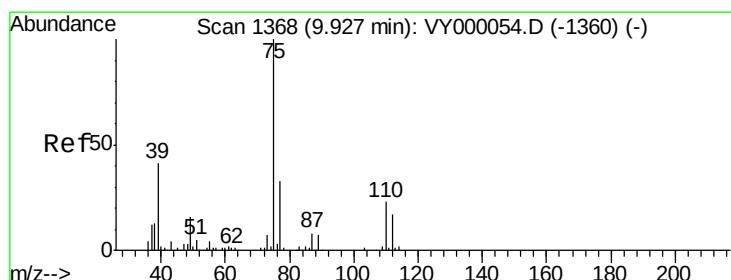
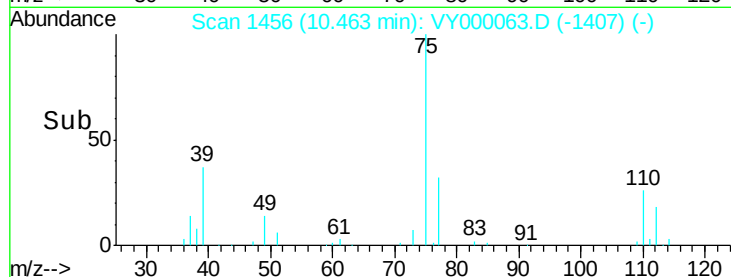
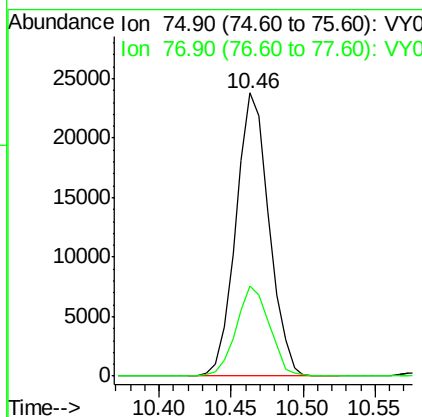
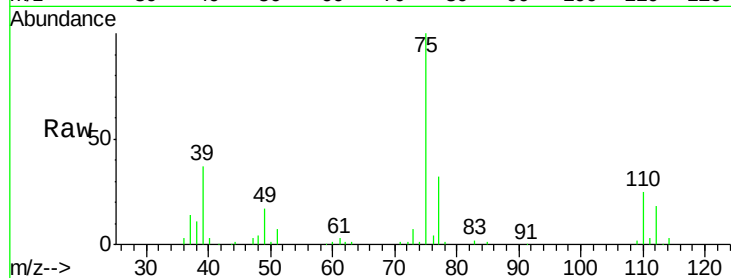
#53
t-1,3-Dichloropropene
Concen: 20.639 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion: 75 Resp: 38042
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2

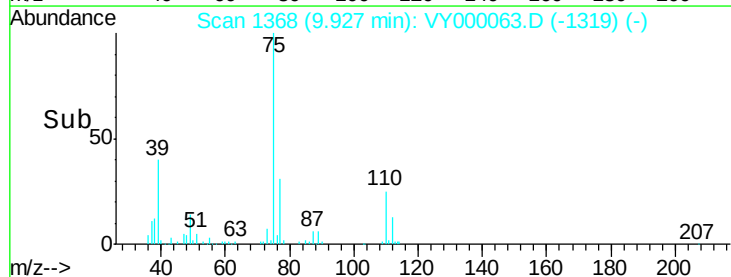
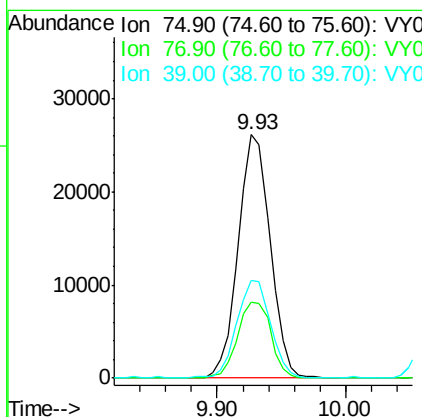
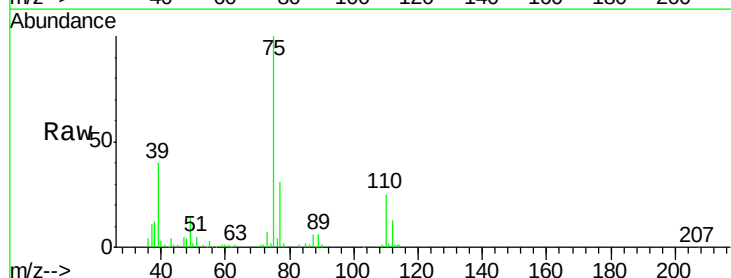
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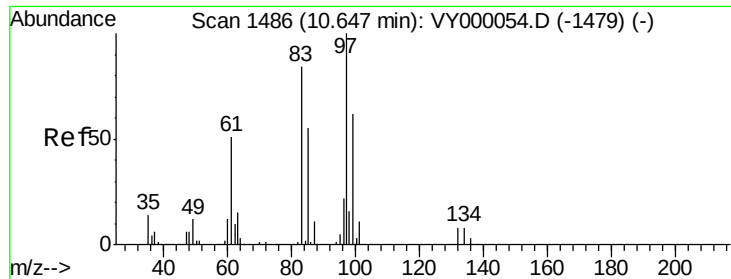
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#54
cis-1,3-Dichloropropene
Concen: 21.148 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion: 75 Resp: 45014
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 40.1 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 21.490 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion: 97 Resp: 24136

Ion Ratio Lower Upper

97 100

83 85.8 67.3 100.9

85 55.5 43.6 65.4

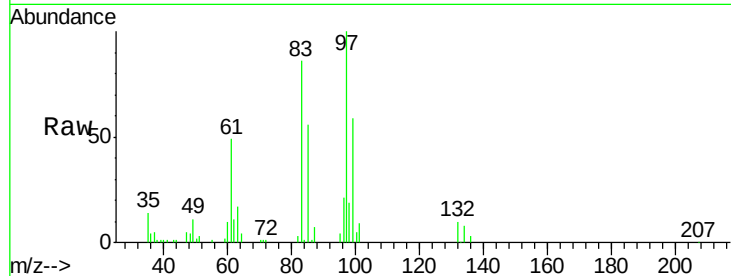
99 59.1 49.8 74.6

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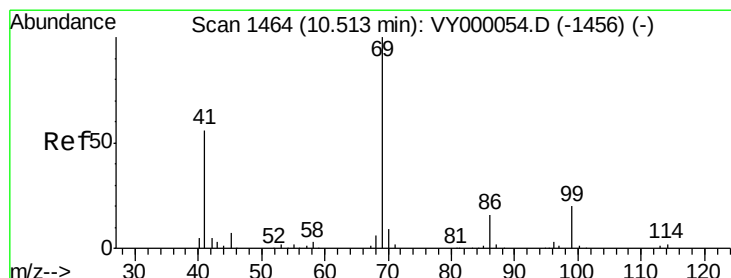
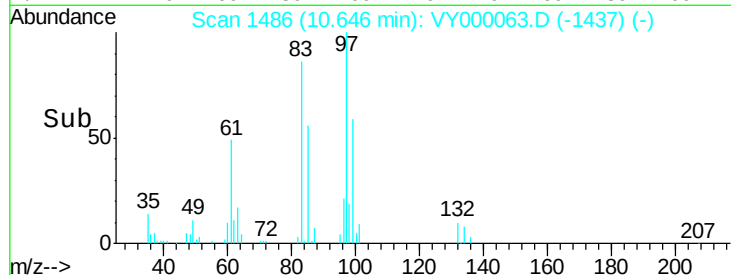
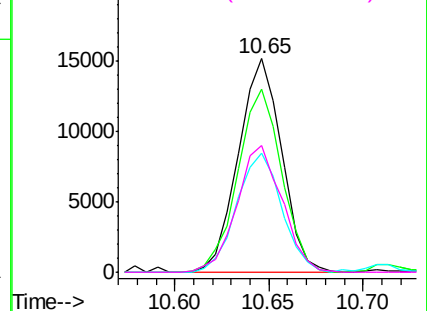


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 21.355 ug/l

RT: 10.51 min Scan# 1464

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

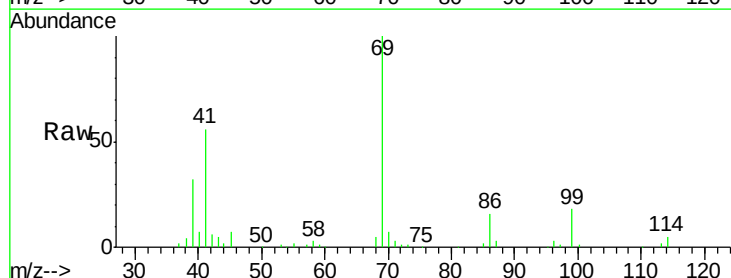
Tgt Ion: 69 Resp: 34129

Ion Ratio Lower Upper

69 100

41 56.3 45.6 68.4

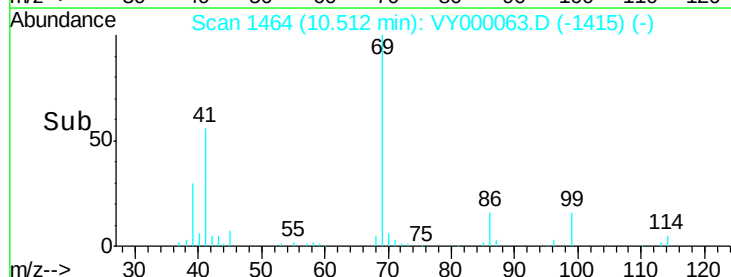
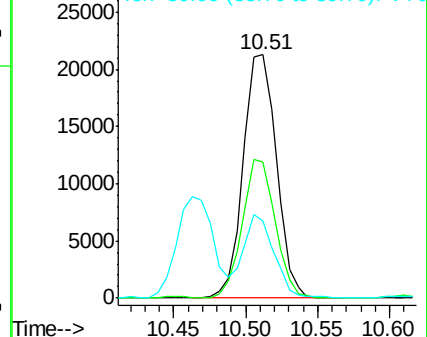
39 32.2 27.3 40.9

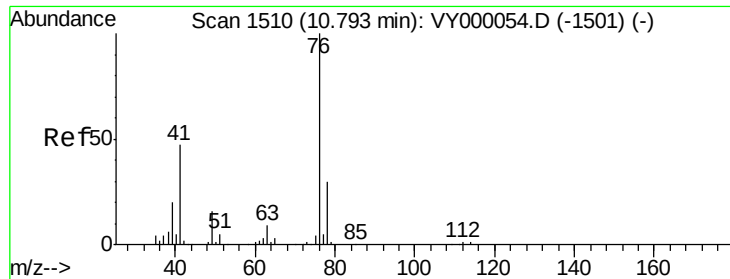


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





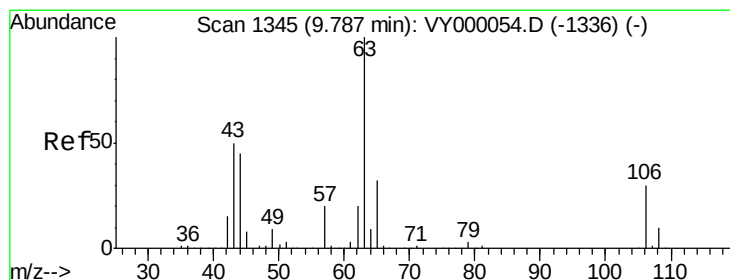
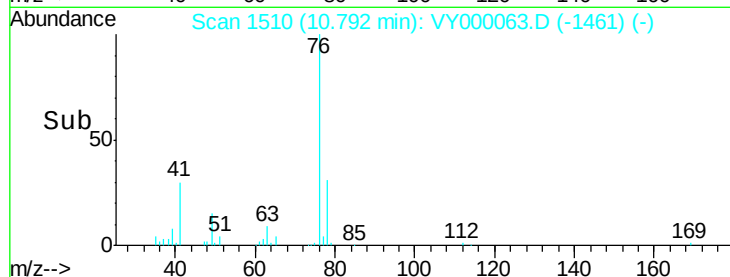
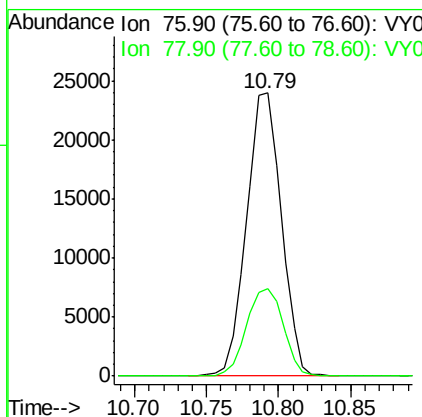
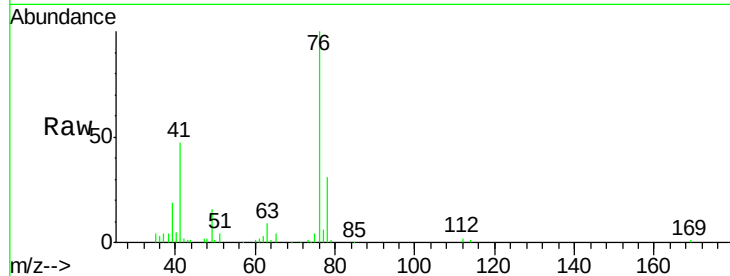
#57
 1,3-Dichloropropane
 Concen: 21.246 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.6	40.0

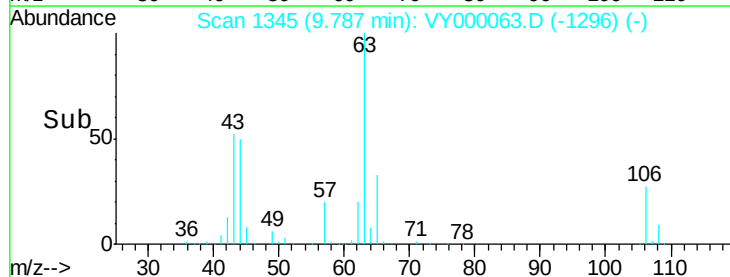
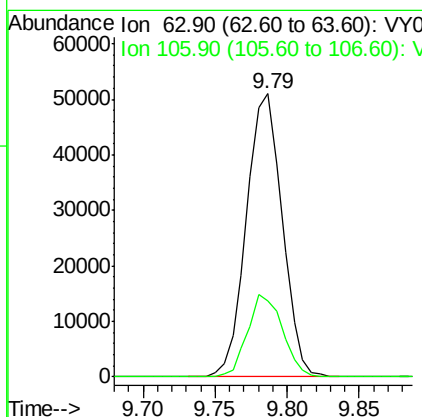
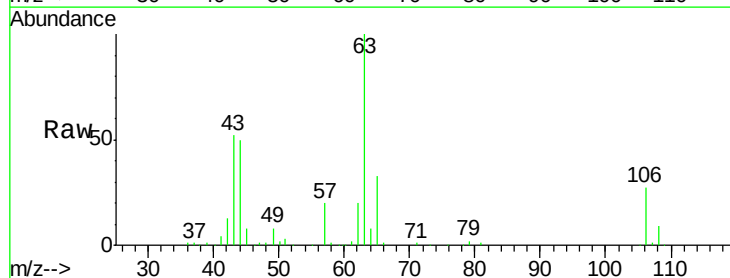
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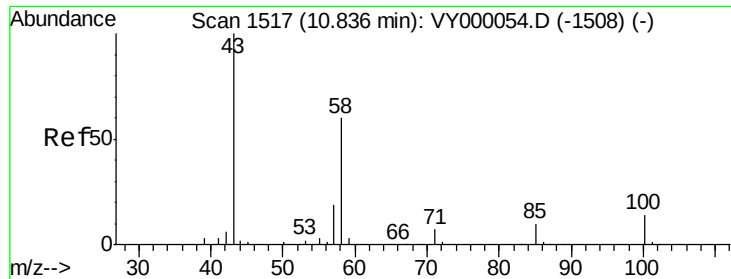
MMDadoda
 9/20/2019 12:39:29 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.316 ug/l
 RT: 9.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	23.3	34.9





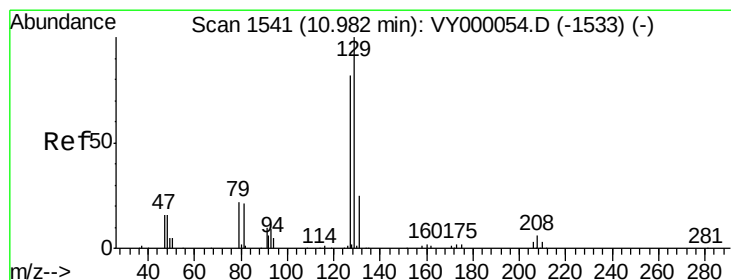
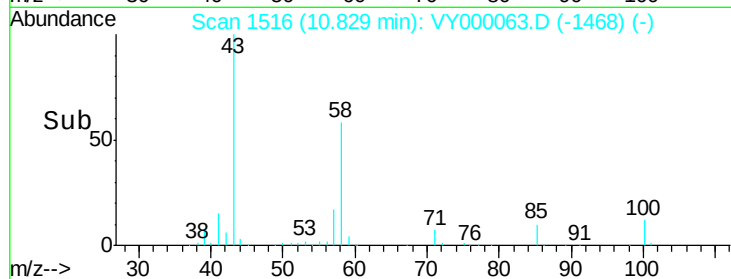
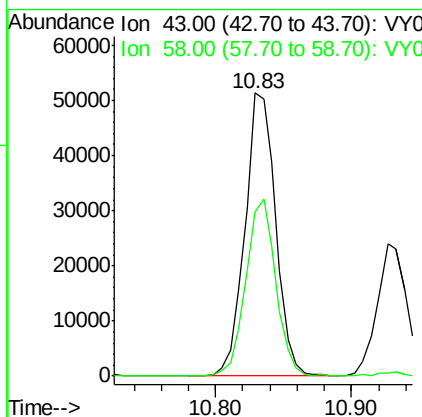
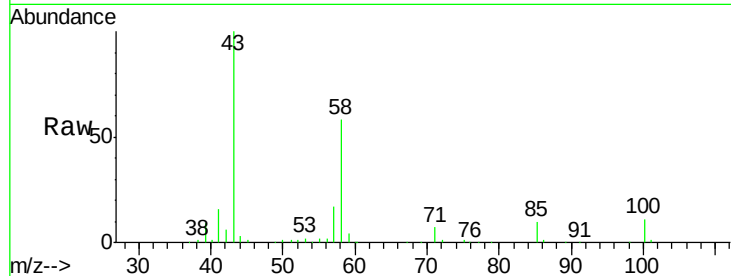
#59
2-Hexanone
Concen: 104.506 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion: 43 Resp: 81346
Ion Ratio Lower Upper
43 100
58 61.2 29.9 89.7

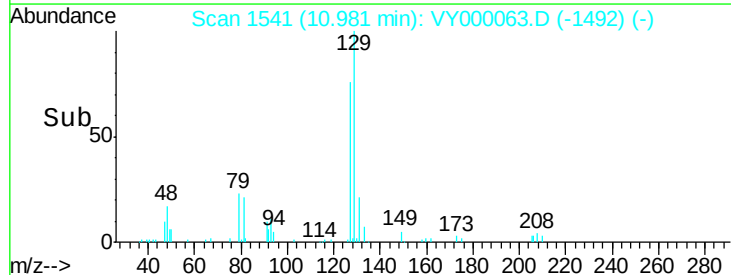
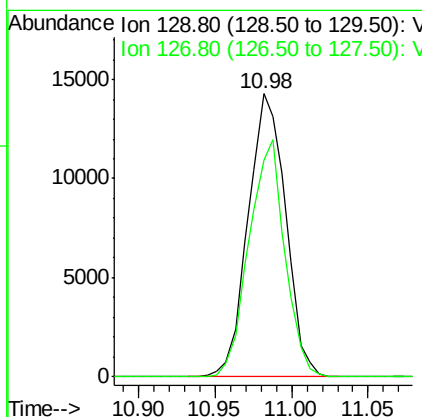
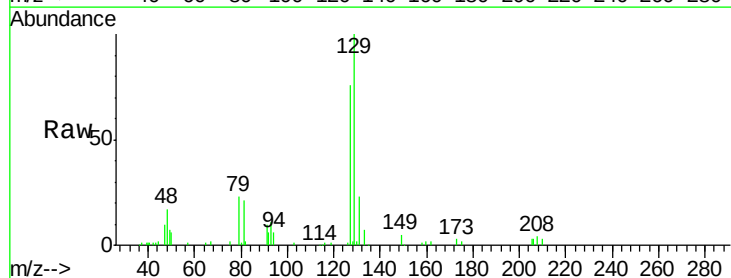
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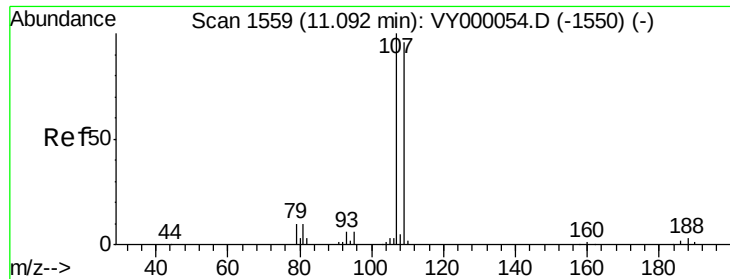
MMDadoda
9/20/2019 12:39:29 AM



#60
Dibromochloromethane
Concen: 20.774 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion: 129 Resp: 24444
Ion Ratio Lower Upper
129 100
127 79.7 40.2 120.6





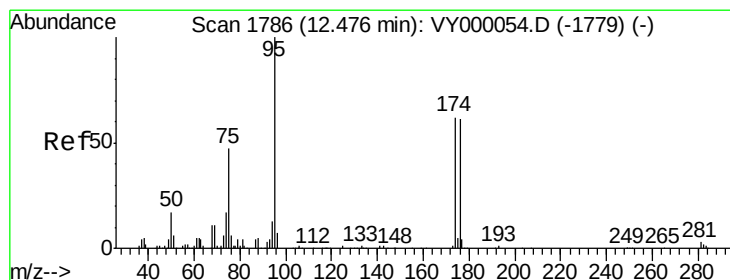
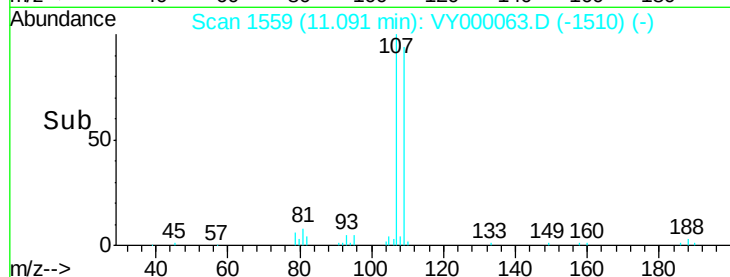
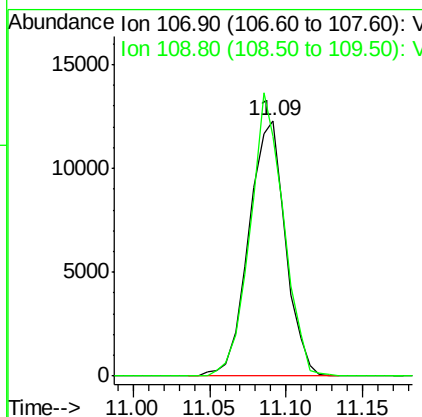
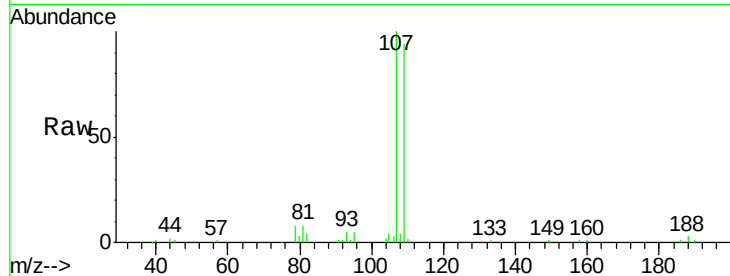
#61
 1,2-Dibromoethane
 Concen: 20.014 ug/l
 RT: 11.09 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	101.3	75.0	112.6

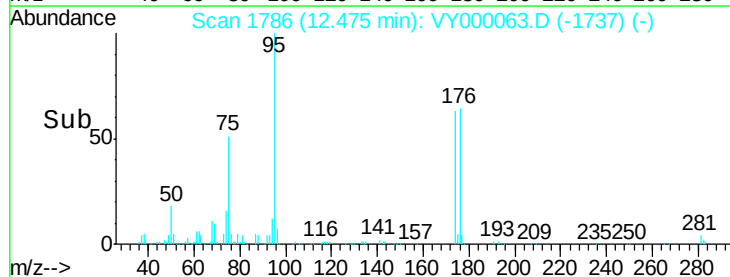
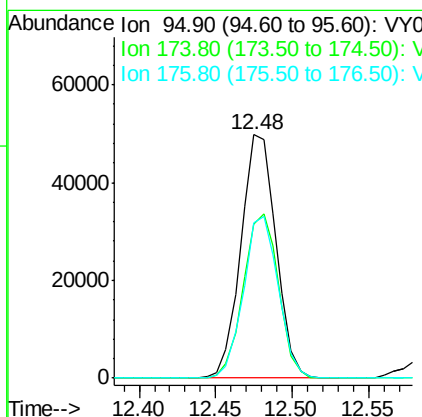
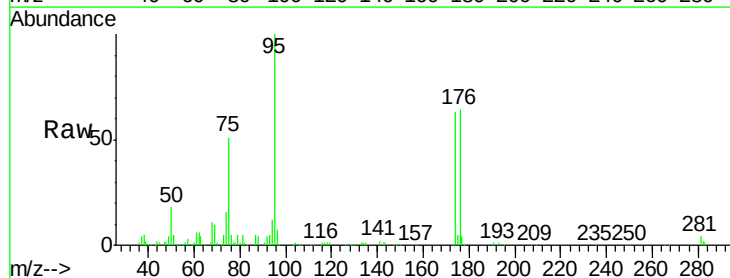
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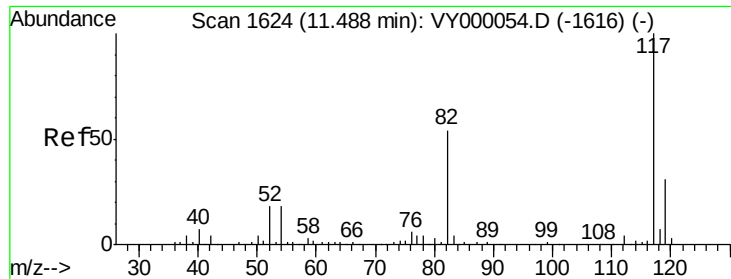
MMDadoda
 9/20/2019 12:39:29 AM



#62
 4-Bromofluorobenzene
 Concen: 43.745 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.5	0.0	137.2
176	66.0	0.0	135.0





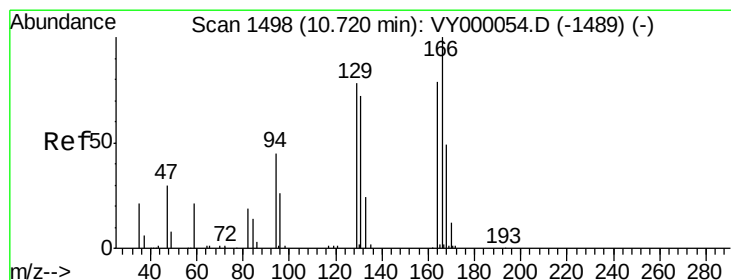
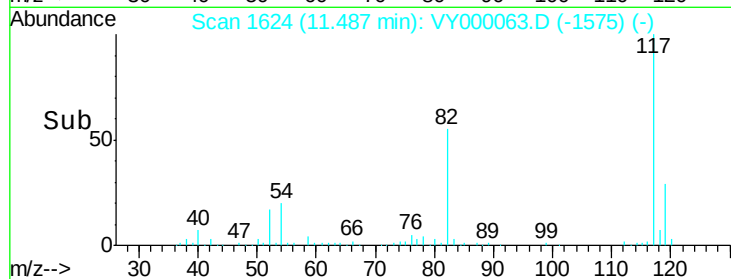
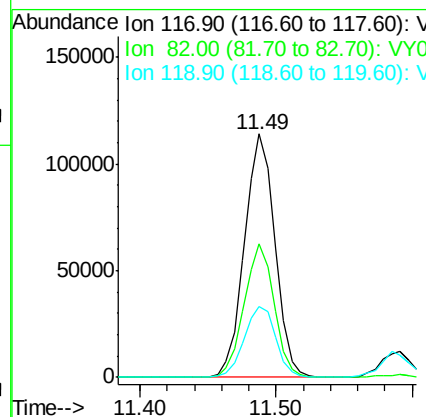
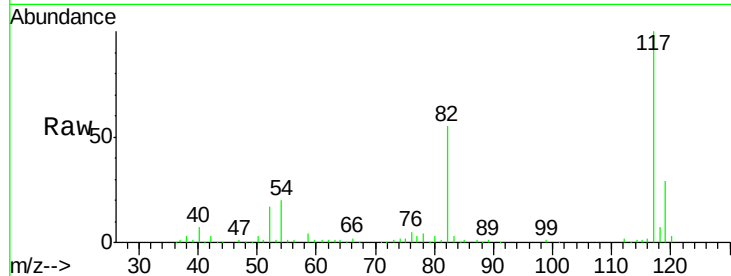
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.5	65.3
119	29.3	24.6	36.8

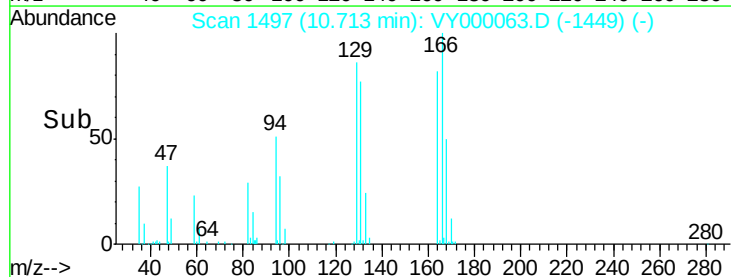
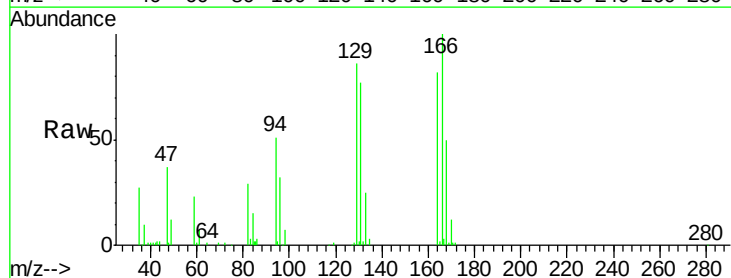
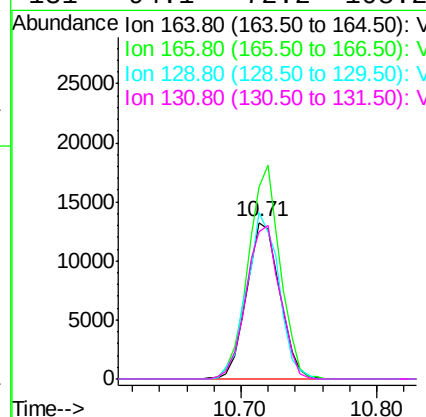
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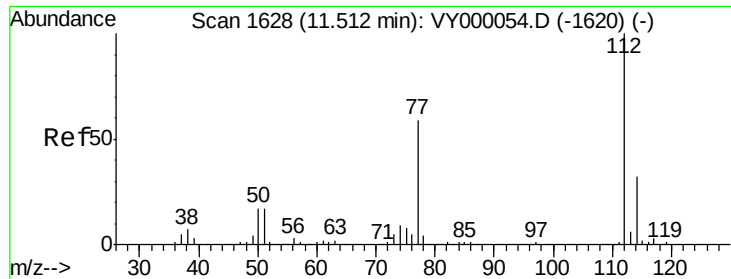
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9/20/2019 12:39:29 AM



#64
Tetrachloroethene
Concen: 20.249 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.6	100.9	151.3
129	106.1	78.4	117.6
131	94.1	72.2	108.2





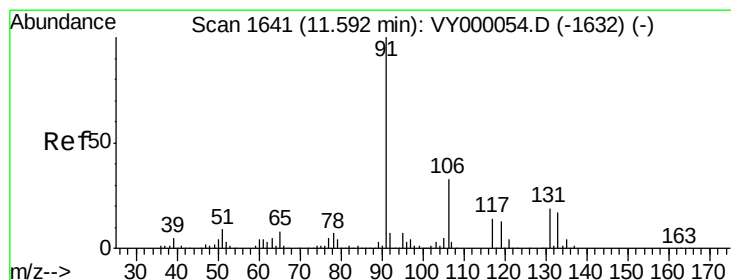
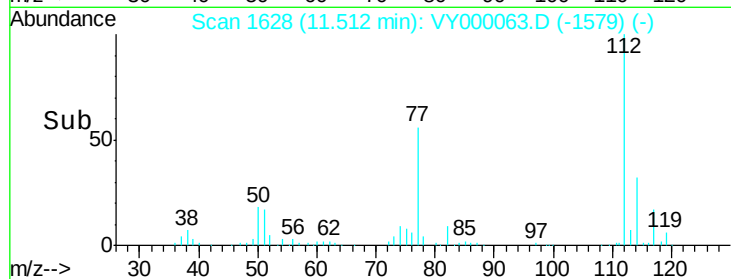
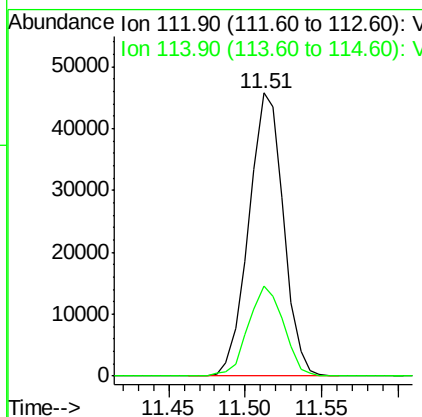
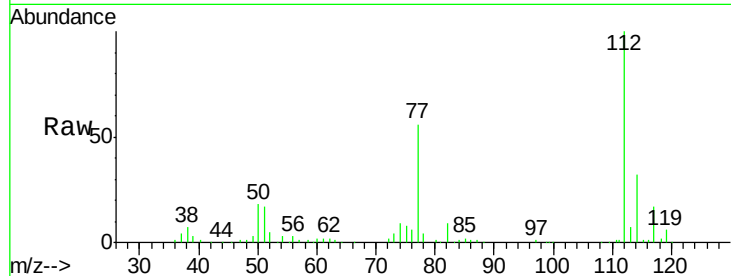
#65
Chlorobenzene
Concen: 20.496 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion:112 Resp: 72335
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4

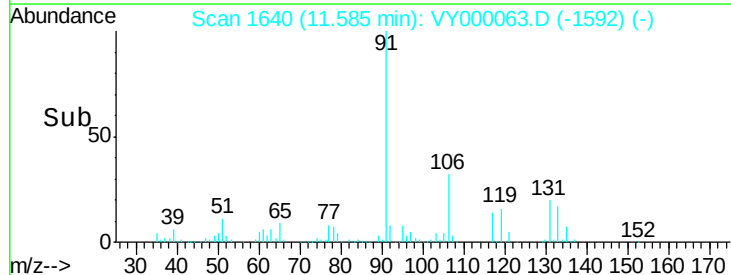
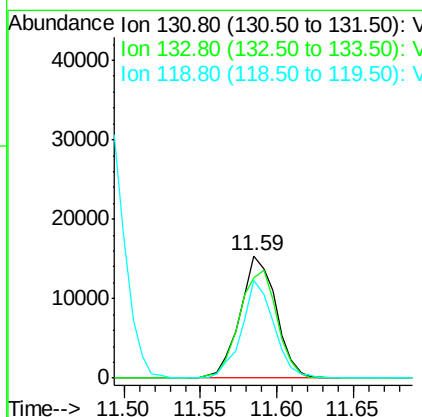
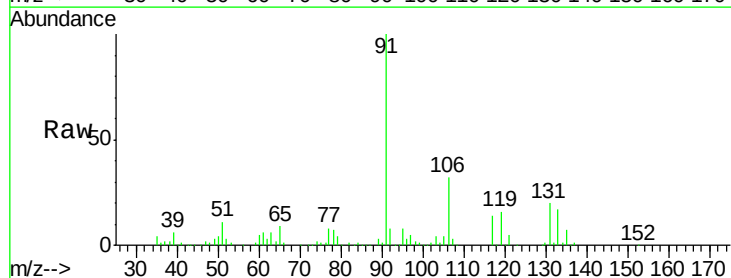
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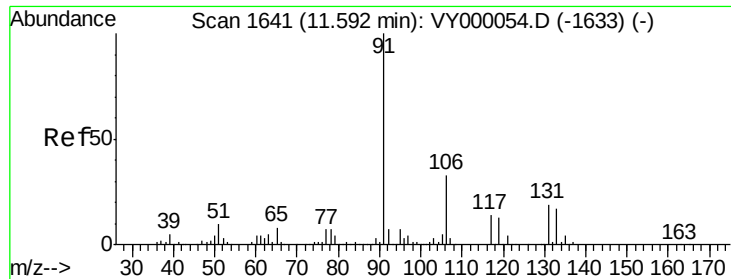
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.117 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. -0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion:131 Resp: 25199
Ion Ratio Lower Upper
131 100
133 92.1 46.6 139.8
119 71.6 36.2 108.6





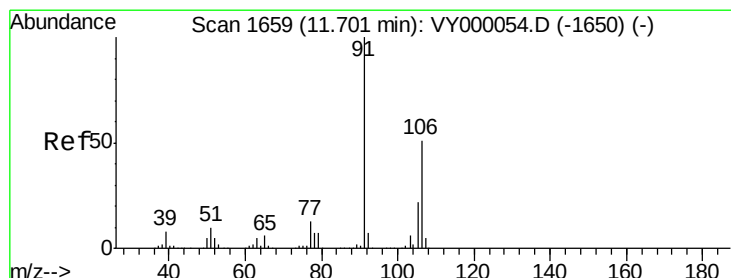
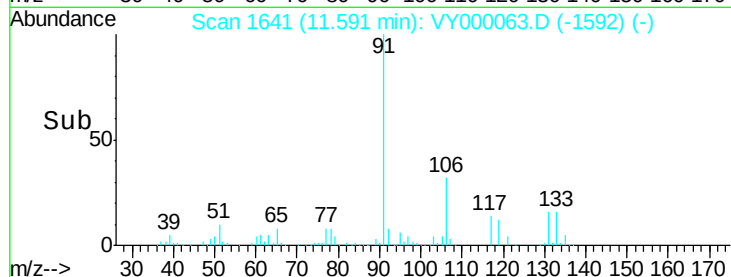
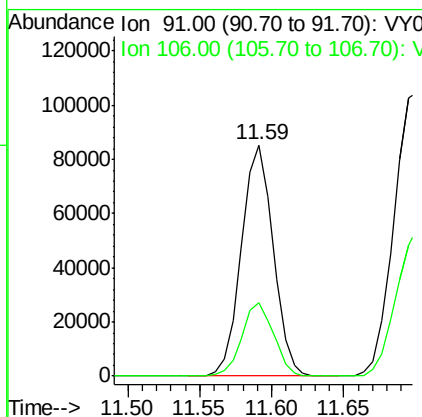
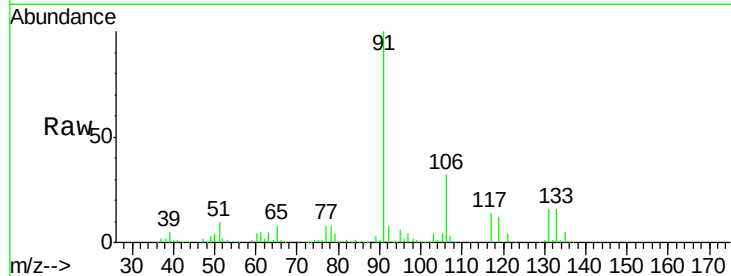
#67
Ethyl Benzene
Concen: 20.704 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion: 91 Resp: 130404
Ion Ratio Lower Upper
91 100
106 31.5 26.6 40.0

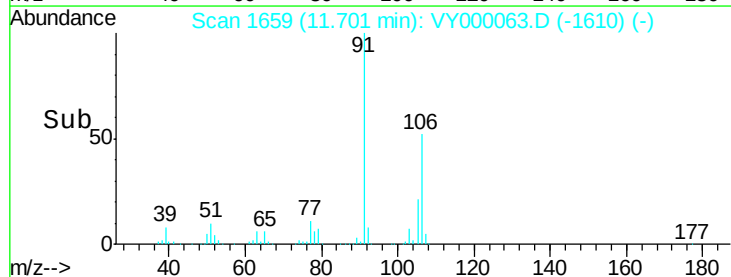
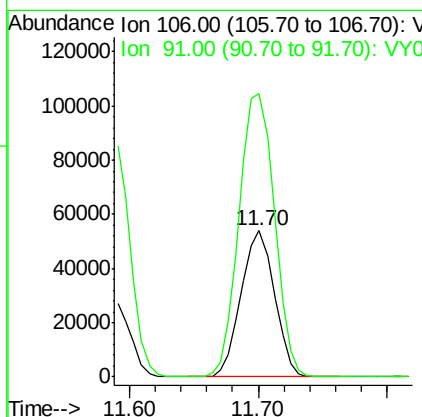
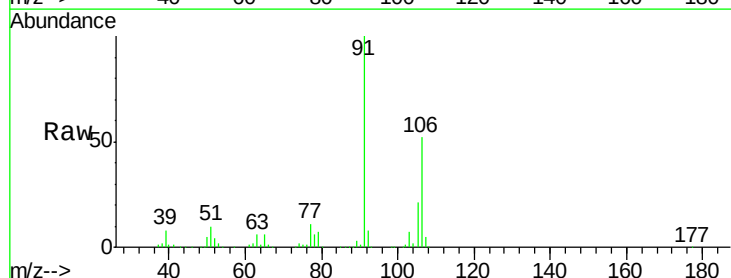
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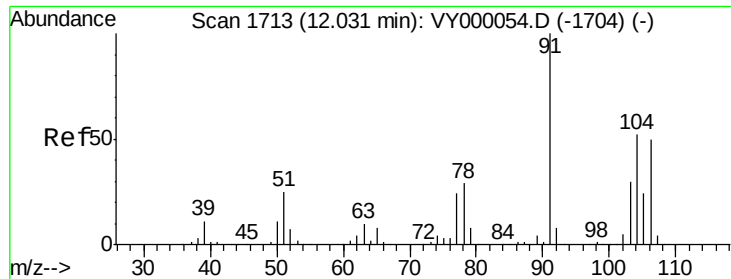
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#68
m/p-Xylenes
Concen: 40.448 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion: 106 Resp: 96940
Ion Ratio Lower Upper
106 100
91 206.0 154.5 231.7





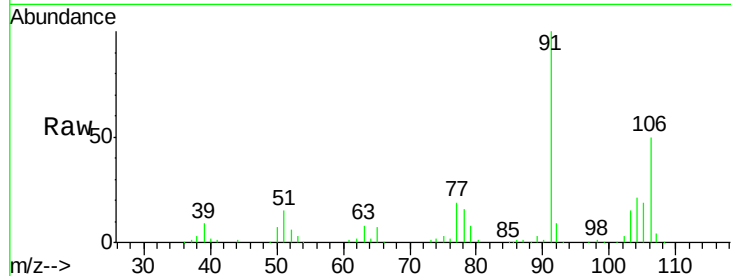
#69
o-Xylene
Concen: 21.276 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

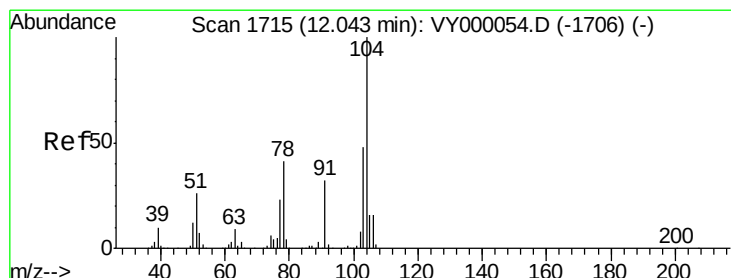
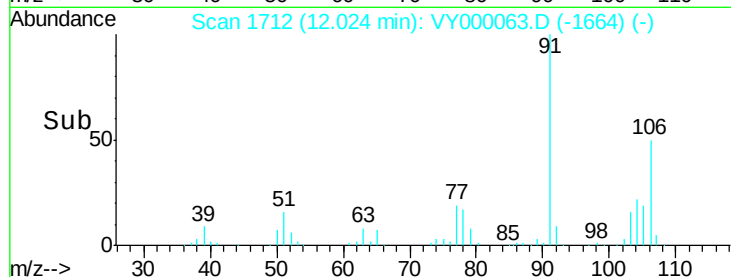
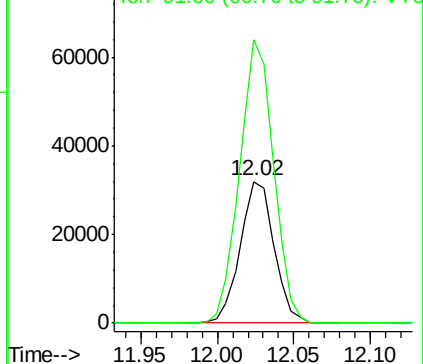
Tot Ion:106 Resp: 49373
Ion Ratio Lower Upper
106 100
91 199.3 103.5 310.3

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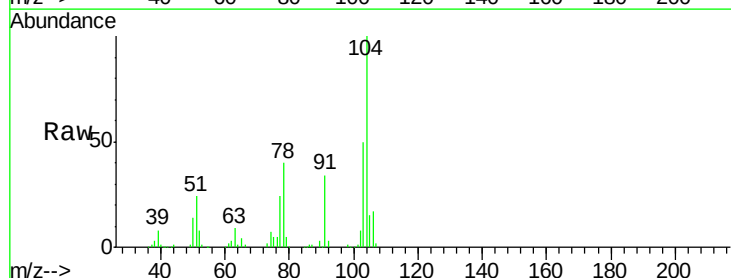


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

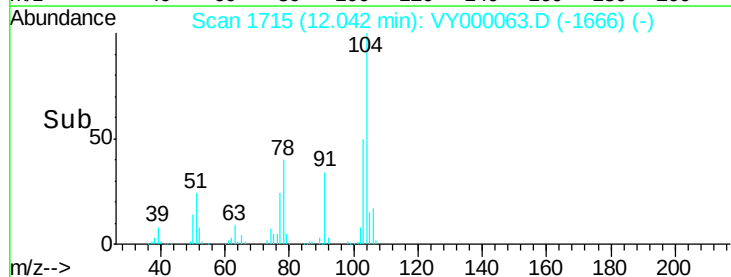
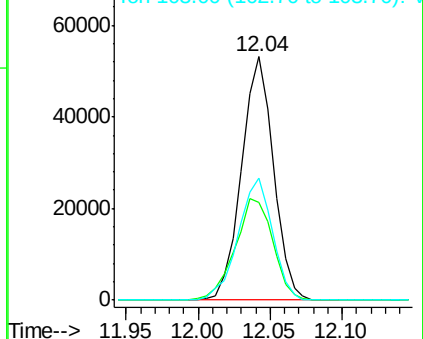


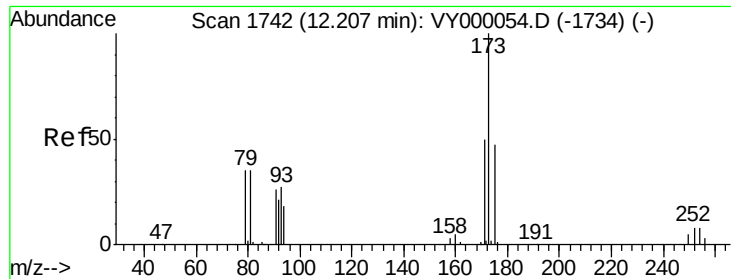
#70
Styrene
Concen: 20.023 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion:104 Resp: 81573
Ion Ratio Lower Upper
104 100
78 49.3 37.7 56.5
103 54.2 42.2 63.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.724 ug/l

RT: 12.21 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

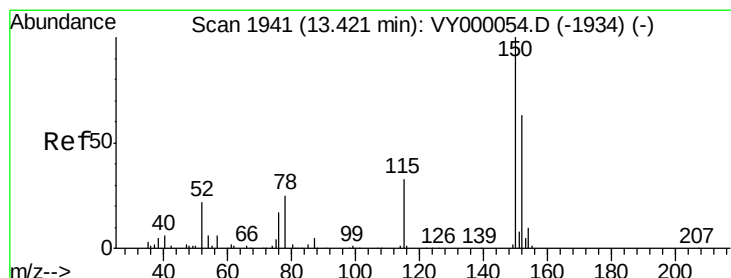
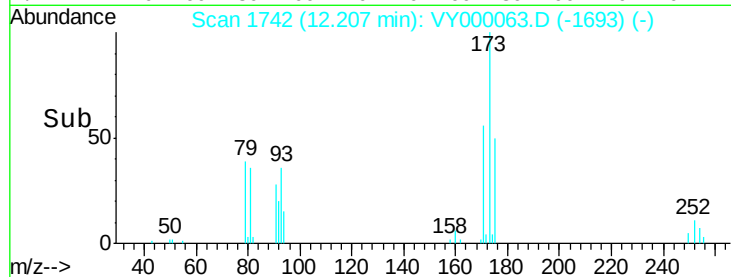
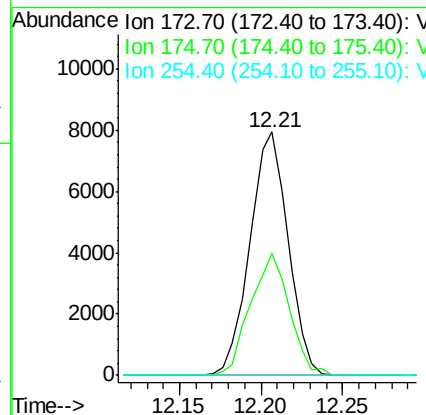
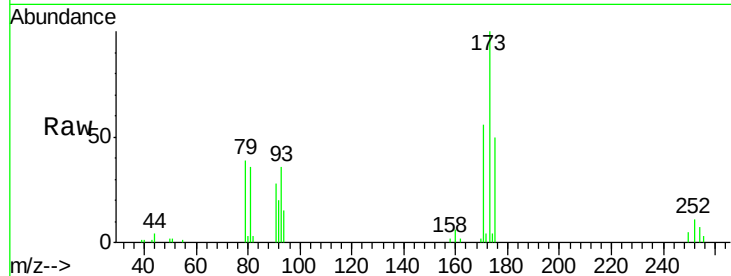
ClientSampleId :

VY0918SBS01

Tot Ion:	173	Resp:	12935
Ion Ratio	Lower	Upper	
173	100		
175	50.9	23.6	71.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

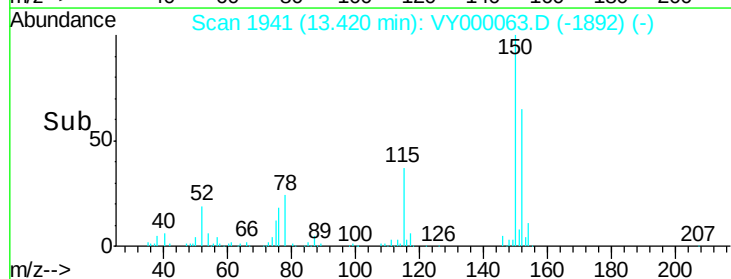
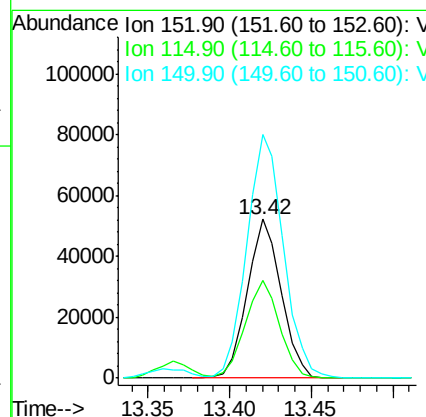
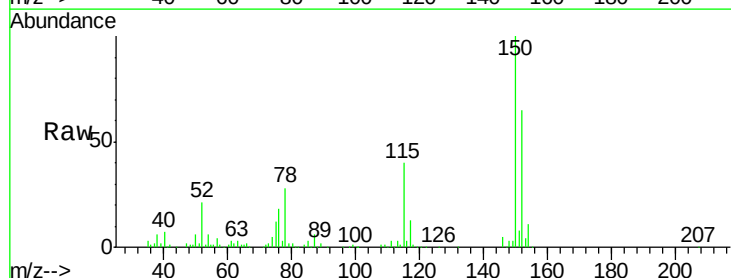
RT: 13.42 min Scan# 1941

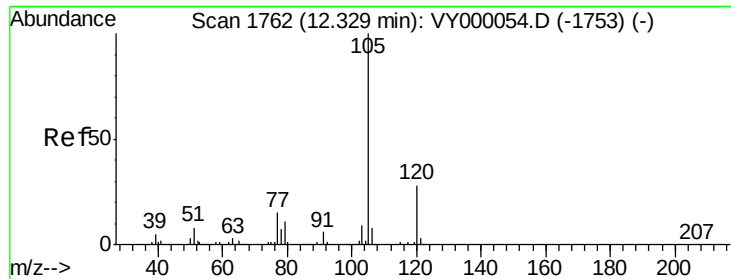
Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion:	152	Resp:	75600
Ion Ratio	Lower	Upper	
152	100		
115	62.0	30.7	92.1
150	165.6	0.0	351.6





#73

Isopropylbenzene

Concen: 20.622 ug/l

RT: 12.33 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion:105 Resp: 125642

Ion Ratio Lower Upper

105 100

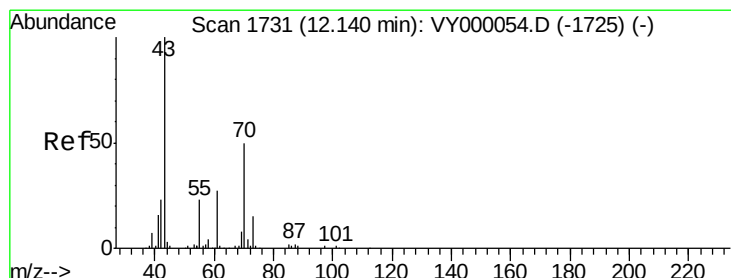
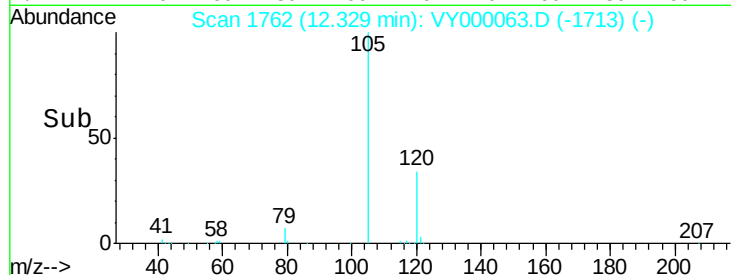
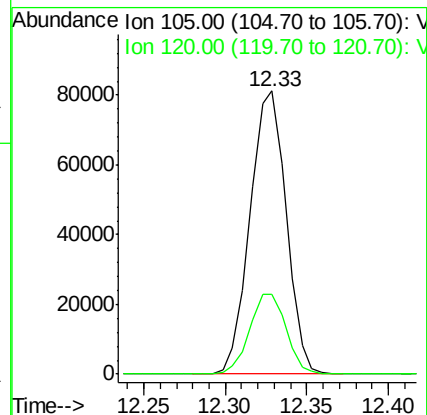
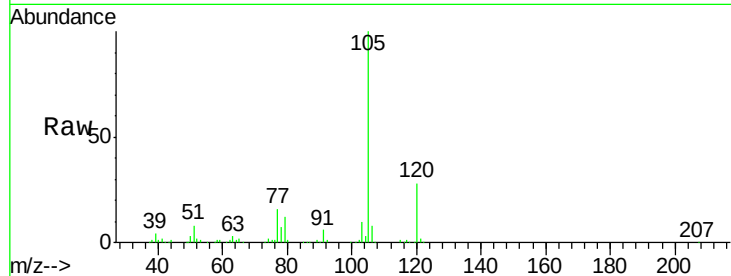
120 28.5 13.9 41.7

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#74

N-ethyl acetate

Concen: 21.132 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion: 43 Resp: 36678

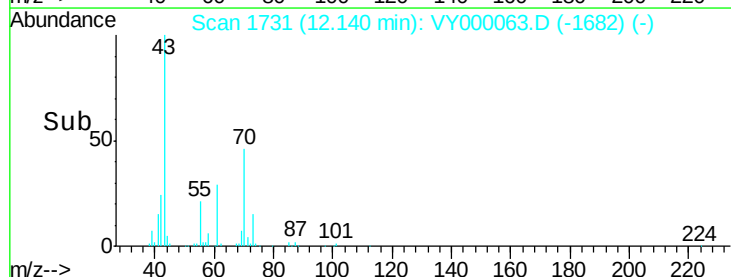
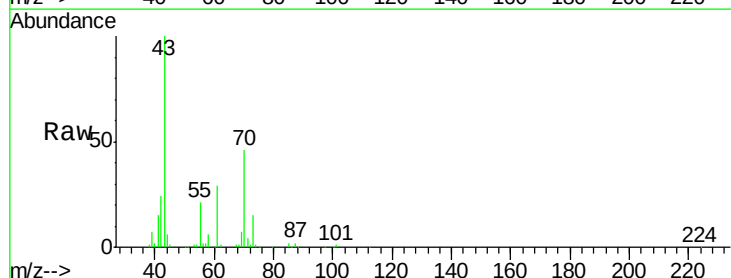
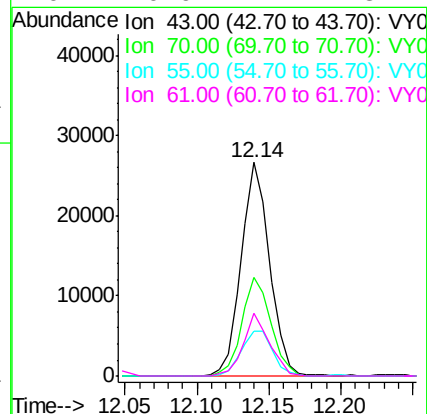
Ion Ratio Lower Upper

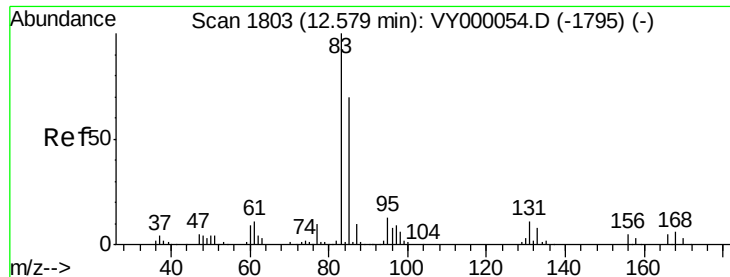
43 100

70 46.9 38.8 58.2

55 23.6 18.8 28.2

61 26.9 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.234 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

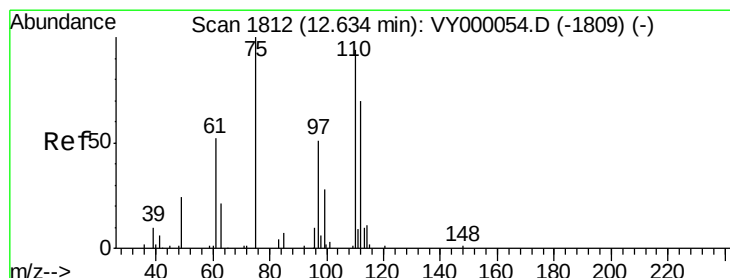
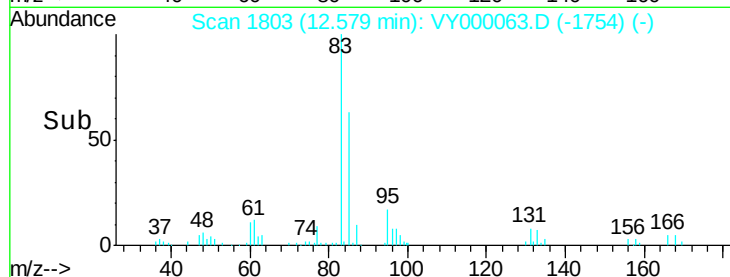
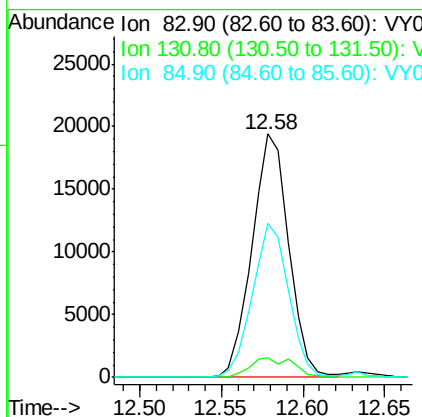
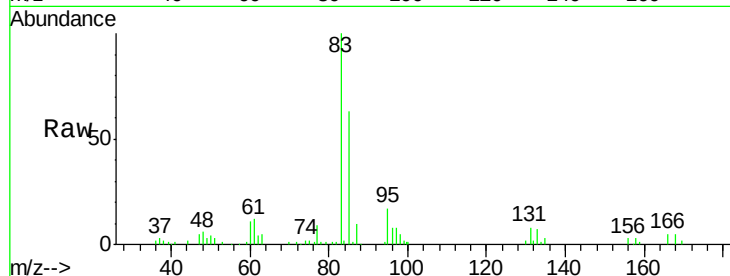
ClientSampleId :

VY0918SBS01

Tot Ion:	83	Resp:	30453
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	62.2	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.735 ug/l m

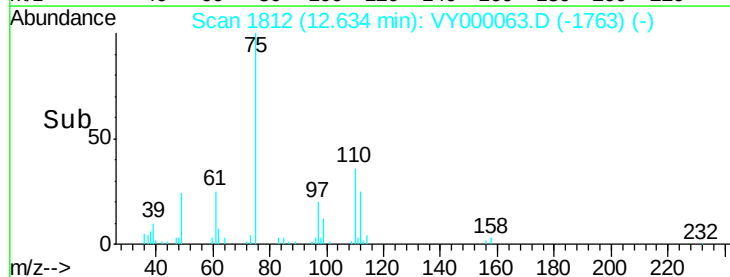
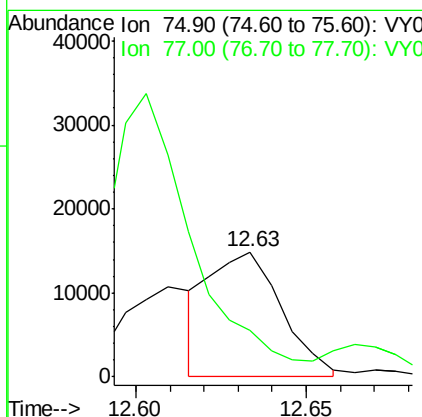
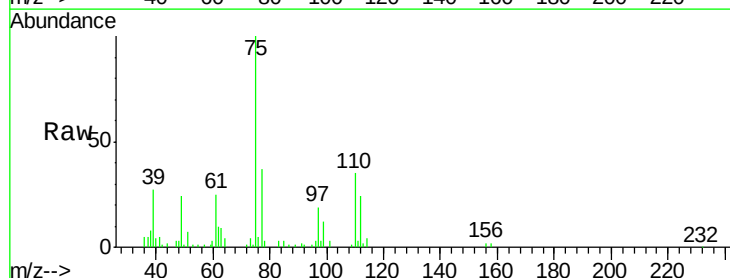
RT: 12.63 min Scan# 1812

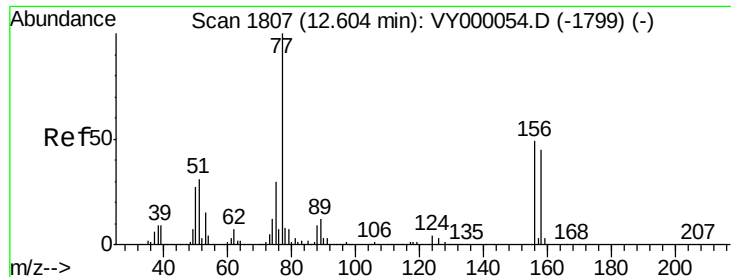
Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion:	75	Resp:	22056
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.441 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion:156 Resp: 26005

Ion Ratio Lower Upper

156 100

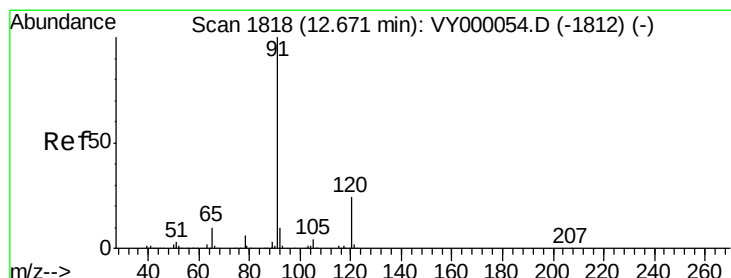
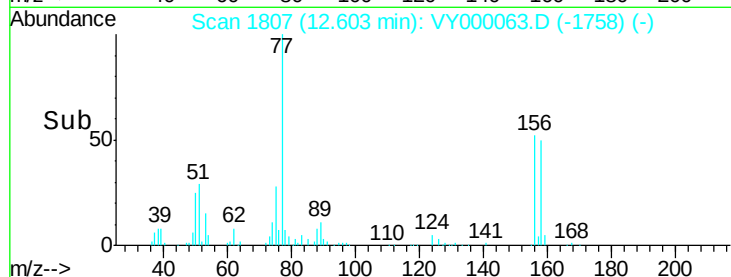
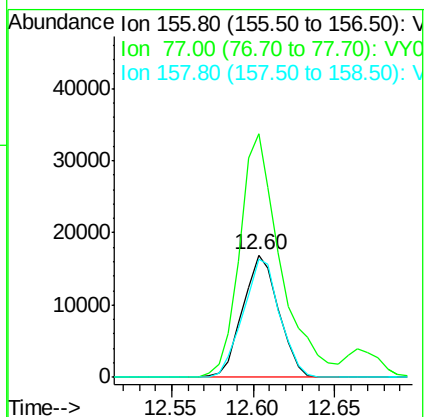
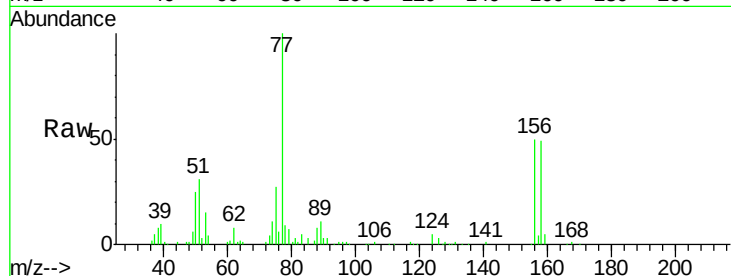
77 227.3 109.7 329.0

158 98.6 48.0 144.2

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#78

n-propylbenzene

Concen: 21.108 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY000063.D

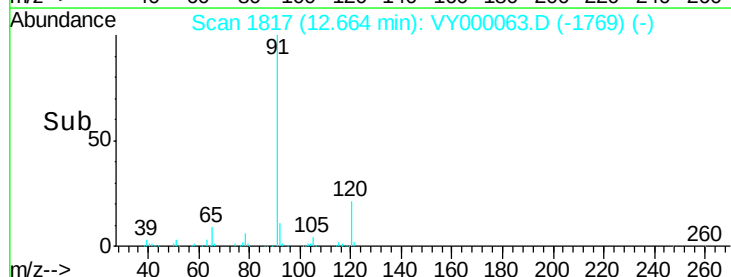
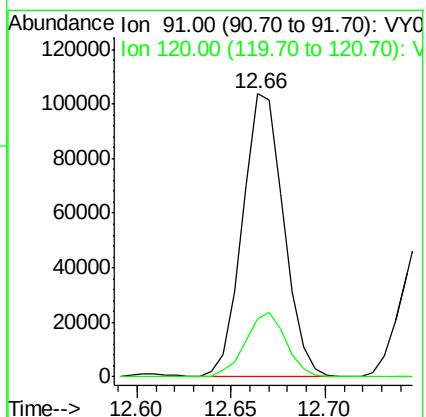
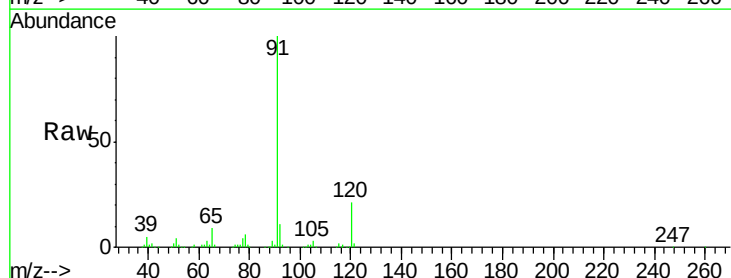
Acq: 18 Sep 2019 16:19

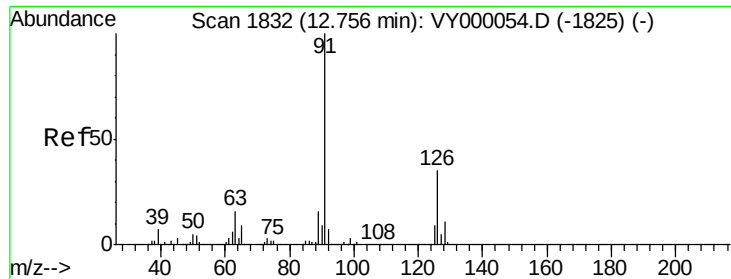
Tgt Ion: 91 Resp: 156870

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.5





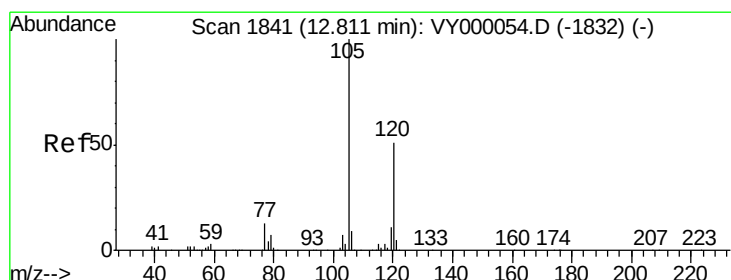
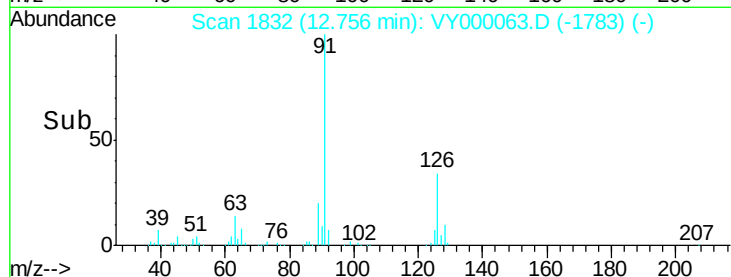
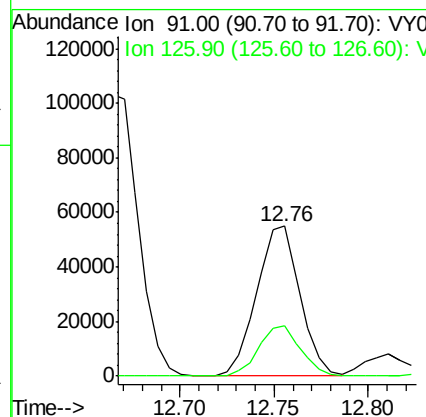
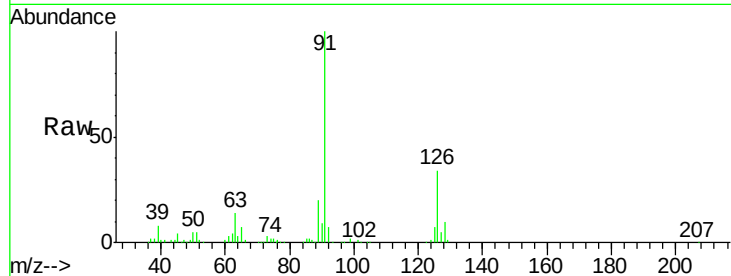
#79
2-Chlorotoluene
Concen: 21.088 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion: 91 Resp: 87618
Ion Ratio Lower Upper
91 100
126 32.9 17.2 51.5

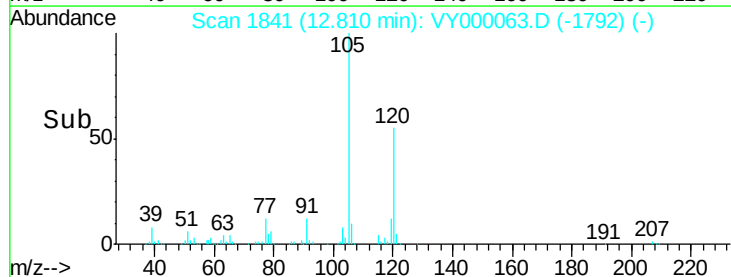
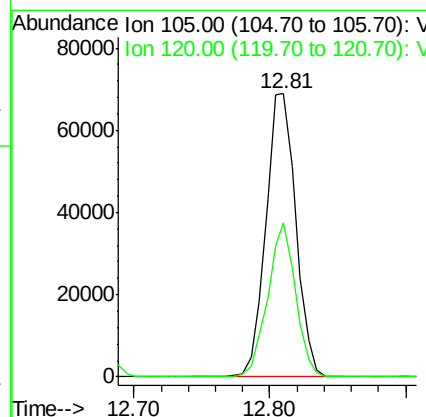
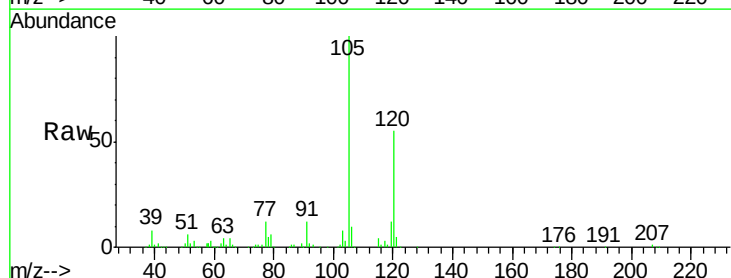
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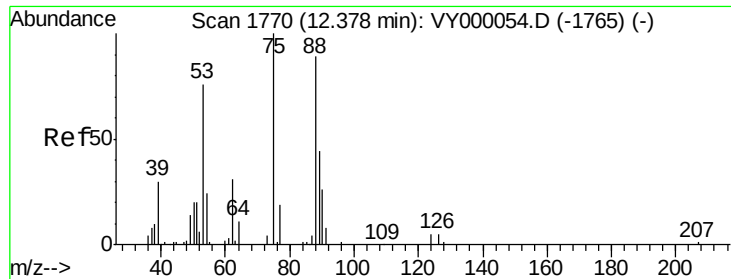
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#80
1,3,5-Trimethylbenzene
Concen: 21.131 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion: 105 Resp: 106644
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.423 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

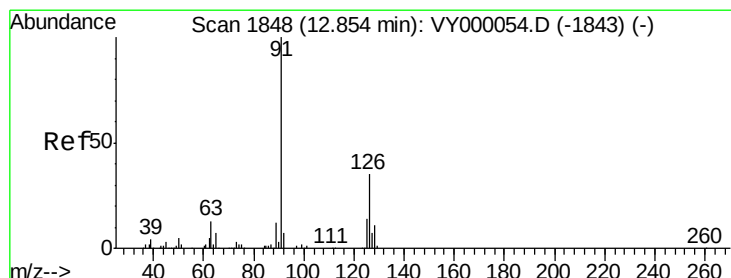
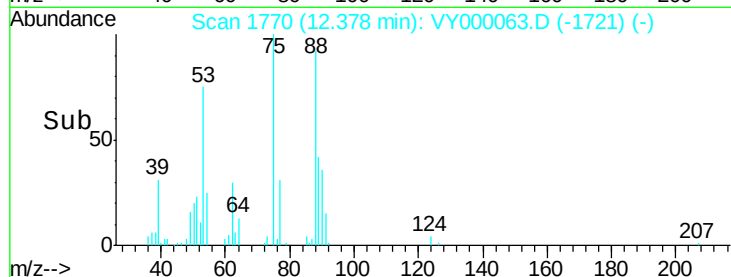
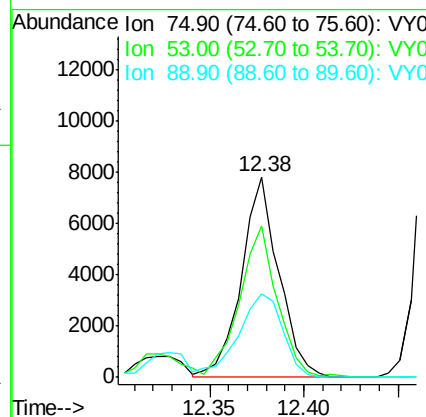
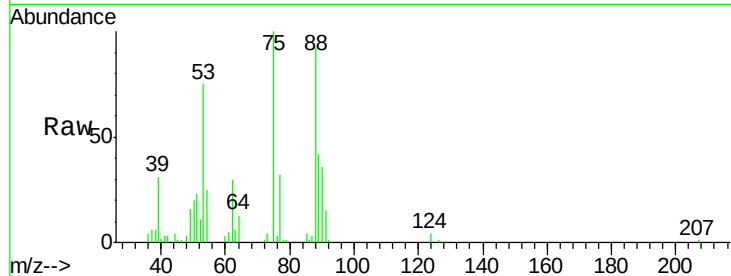
ClientSampleId :

VY0918SBS01

Tot Ion:	75	Resp:	10742
Ion	Ratio	Lower	Upper
75	100		
53	76.6	60.9	91.3
89	48.5	35.3	52.9

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#82

4-Chlorotoluene

Concen: 21.509 ug/l

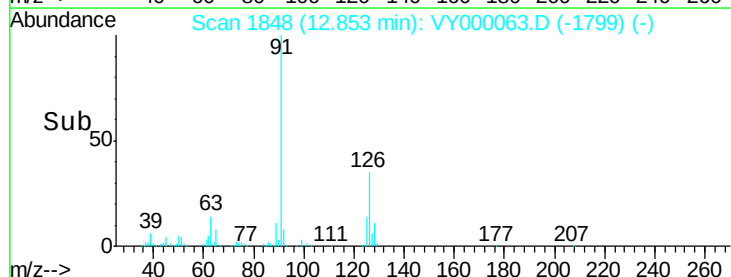
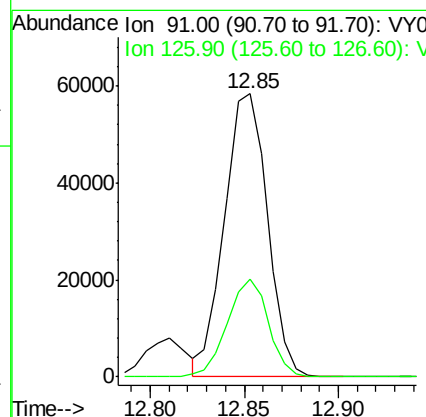
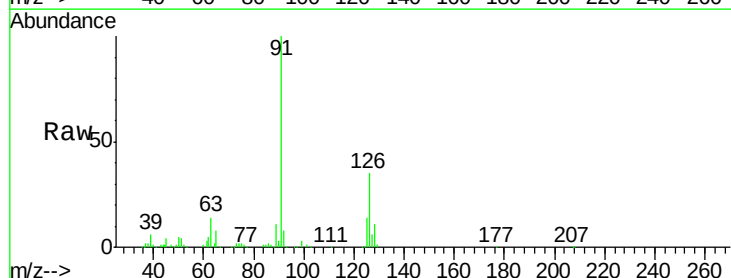
RT: 12.85 min Scan# 1848

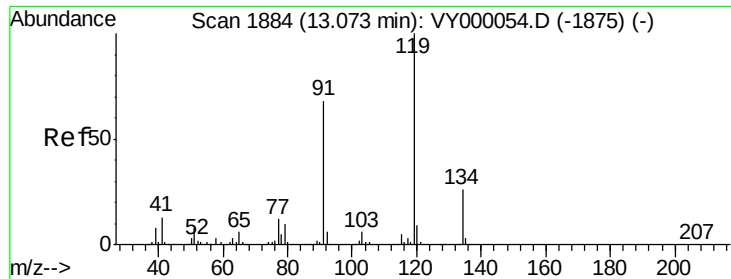
Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion:	91	Resp:	92410
Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.7	50.1





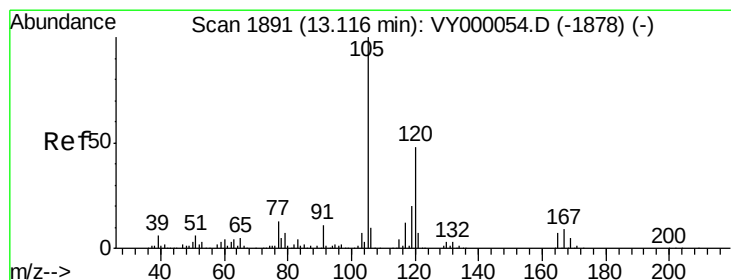
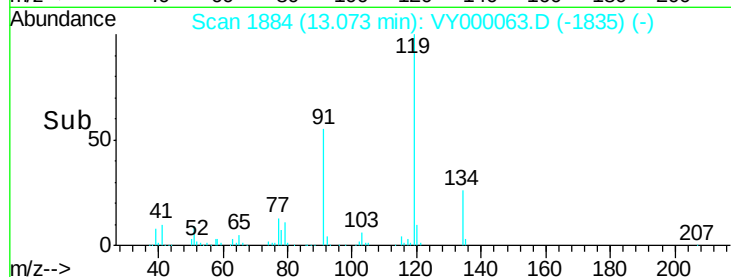
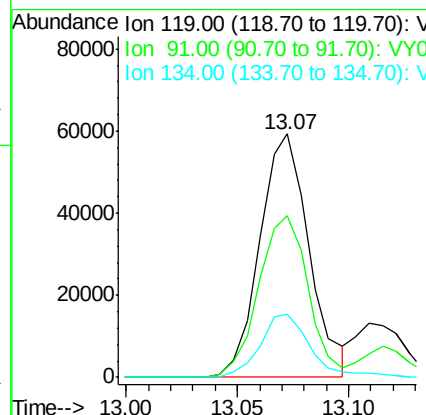
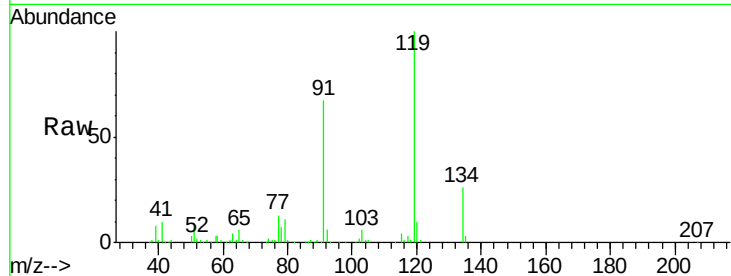
#83
 tert-Butylbenzene
 Concen: 21.114 ug/l
 RT: 13.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.8	33.4	100.1
134	26.9	12.7	38.0

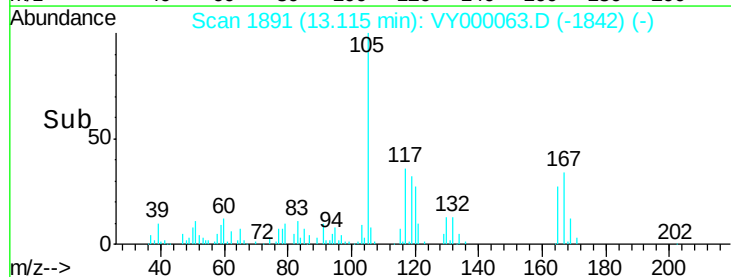
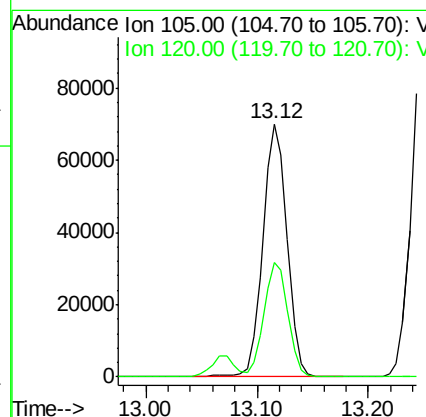
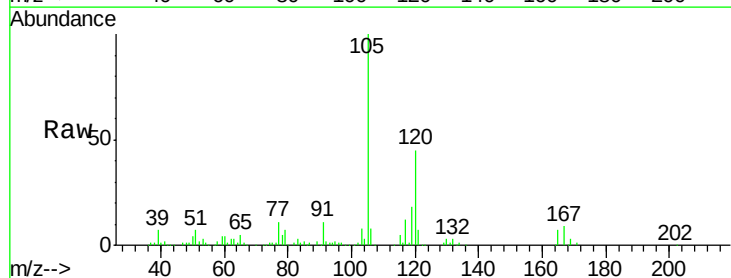
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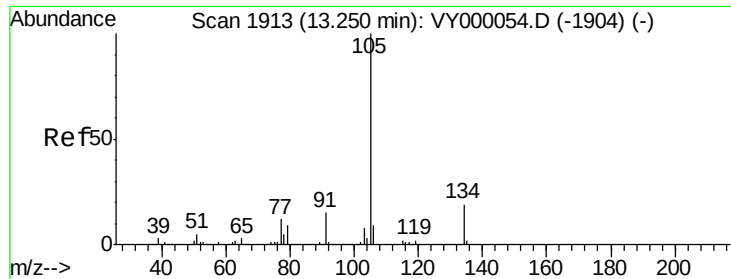
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.276 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.9	68.7





#85

sec-Butylbenzene

Concen: 21.221 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion:105 Resp: 135377

Ion Ratio Lower Upper

105 100

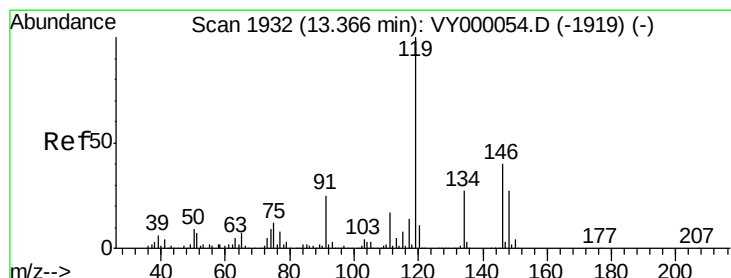
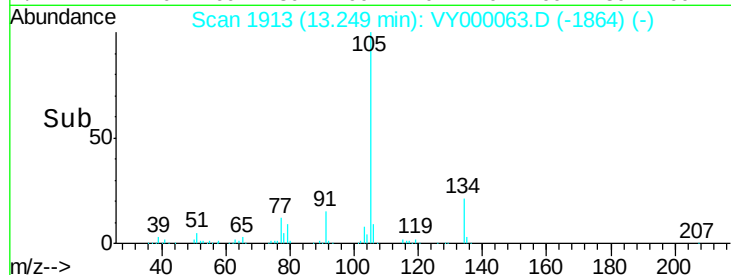
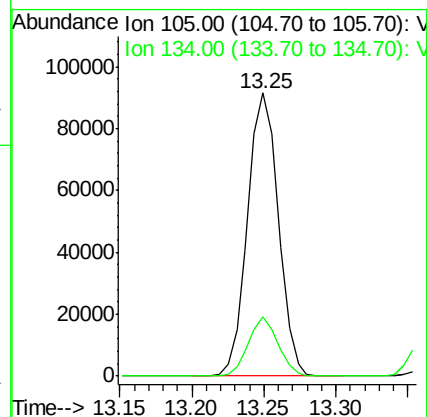
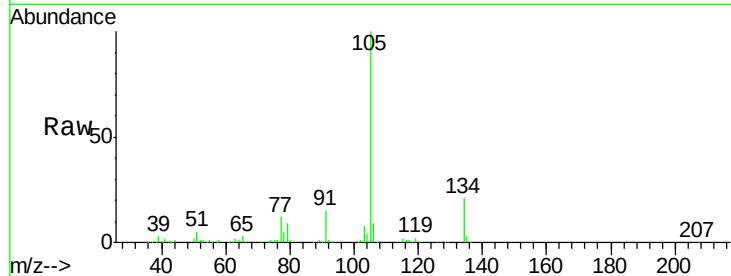
134 20.0 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 20.980 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

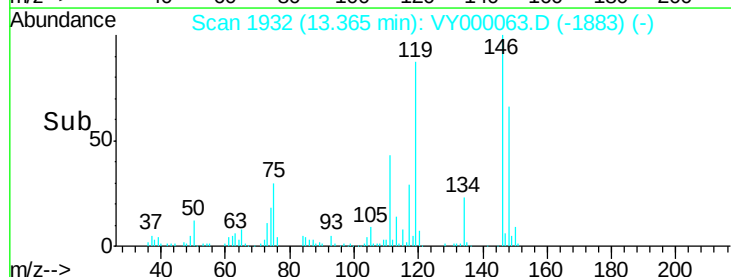
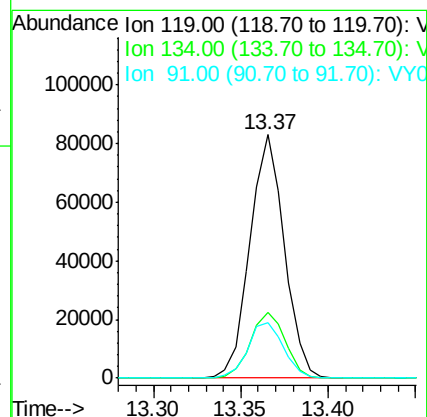
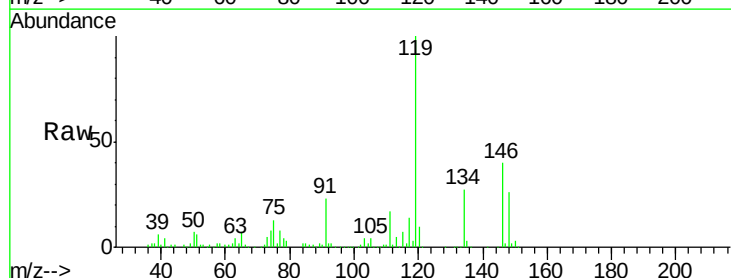
Tgt Ion:119 Resp: 113447

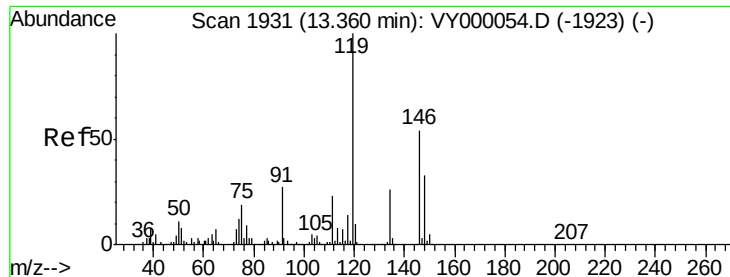
Ion Ratio Lower Upper

119 100

134 27.5 13.4 40.2

91 23.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.944 ug/l

RT: 13.36 min Scan# 1931

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

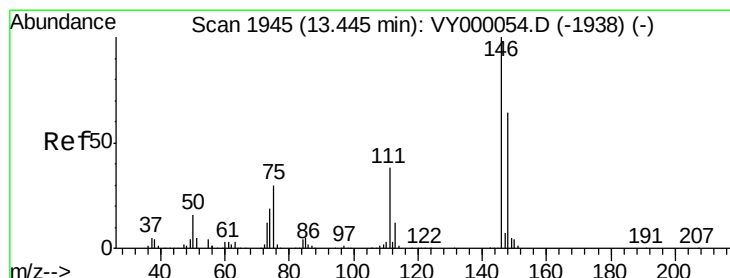
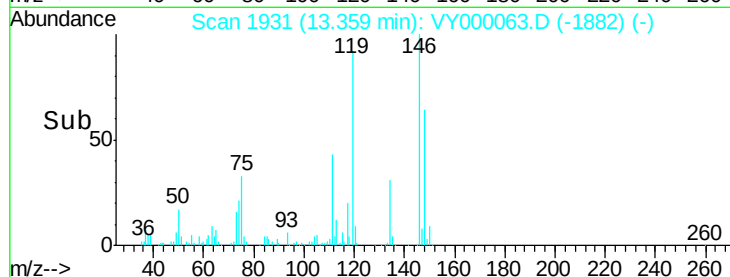
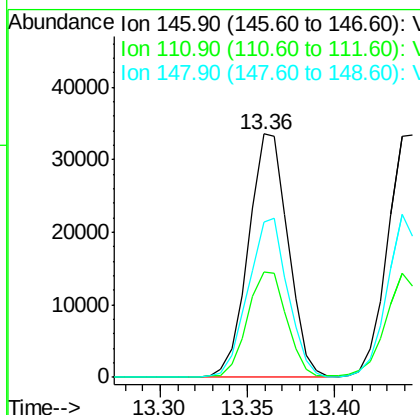
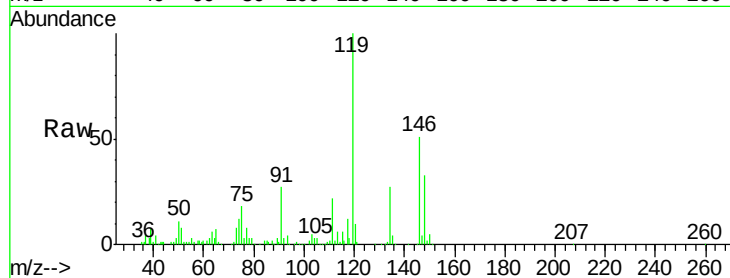
ClientSampleId :

VY0918SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.1	63.1
148	65.4	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 21.070 ug/l

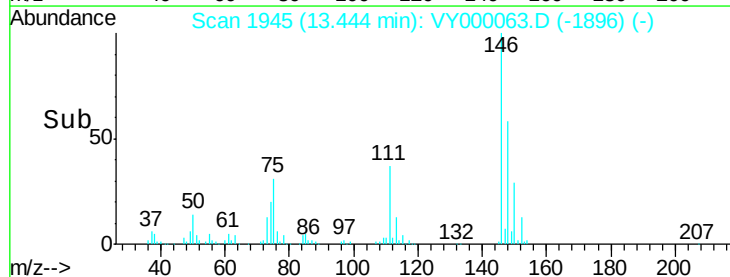
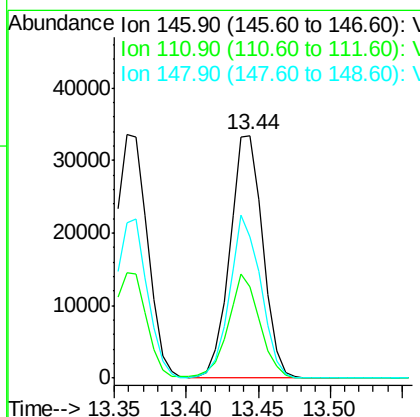
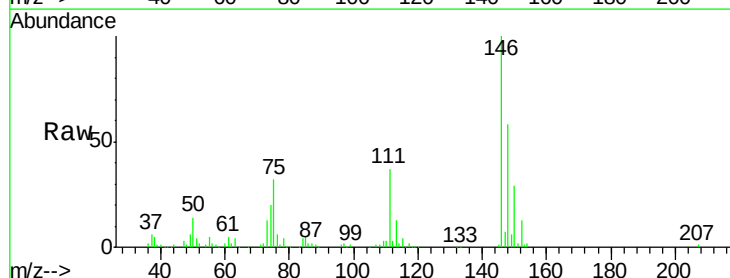
RT: 13.44 min Scan# 1945

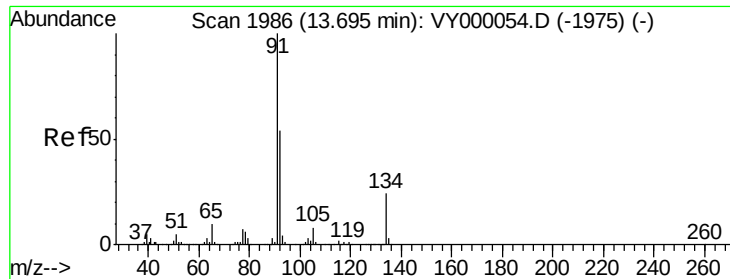
Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.4
148	63.4	31.5	94.5





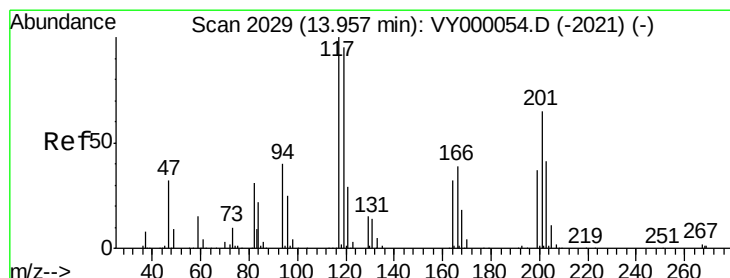
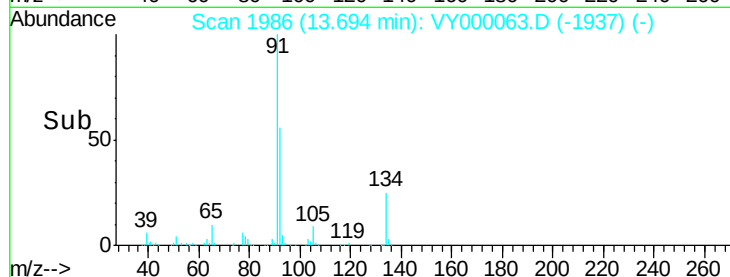
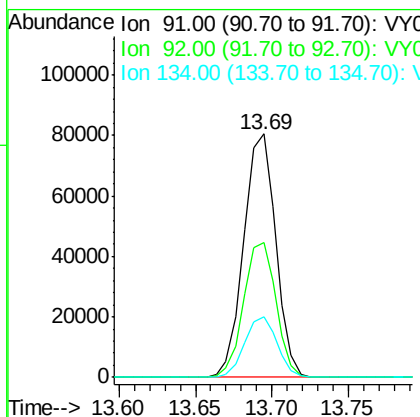
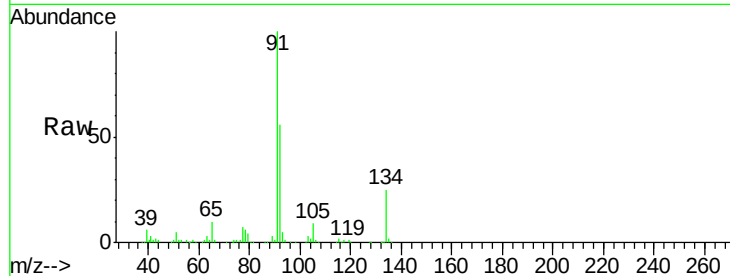
#89
n-Butylbenzene
Concen: 21.144 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.7	27.2	81.5
134	24.9	12.2	36.6

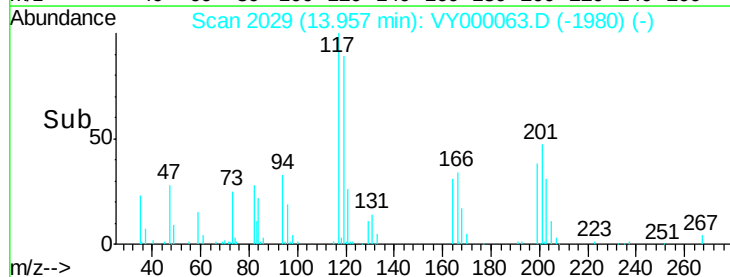
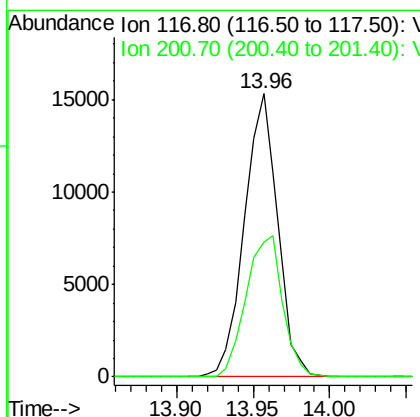
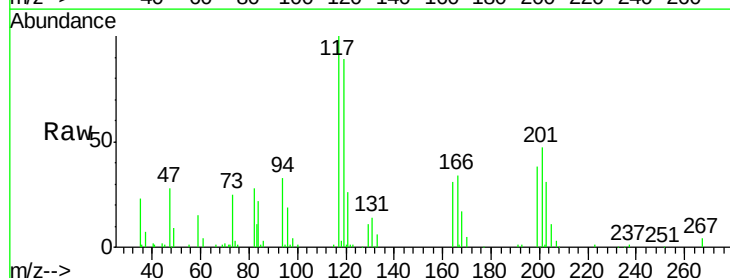
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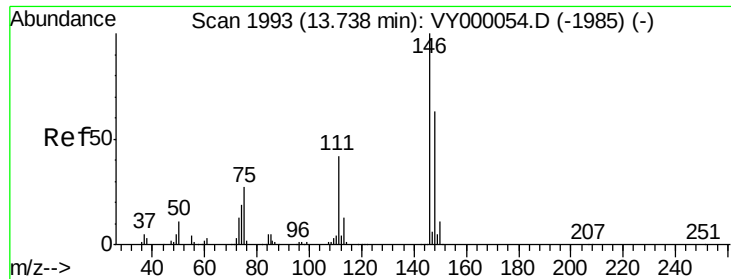
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#90
Hexachloroethane
Concen: 21.801 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	54.8	30.6	92.0





#91

1,2-Dichlorobenzene

Concen: 20.801 ug/l

RT: 13.74 min Scan# 1993

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

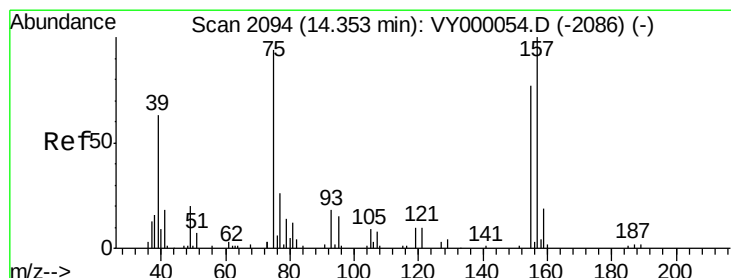
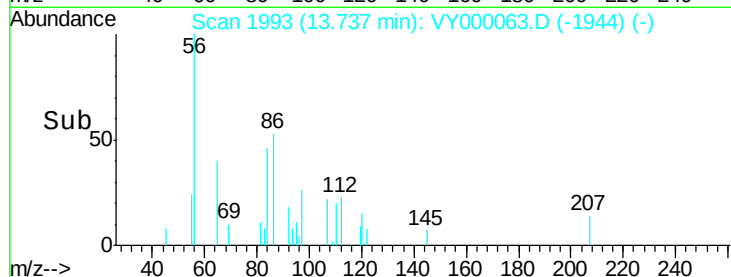
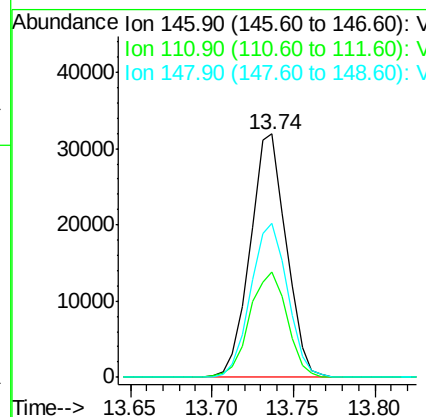
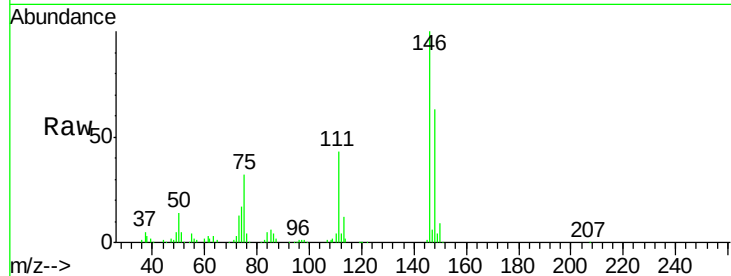
ClientSampleId :

VY0918SBS01

Tot Ion:	146	Resp:	49320
Ion Ratio	Lower	Upper	
146	100		
111	44.6	21.9	65.7
148	64.5	32.4	97.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.838 ug/l

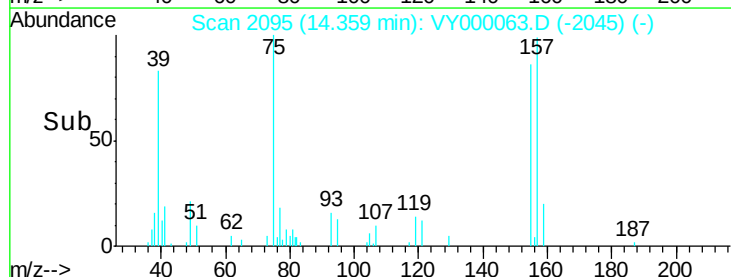
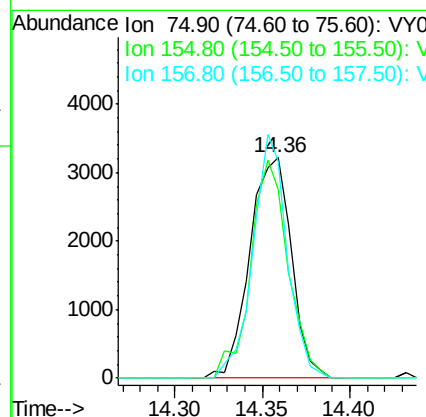
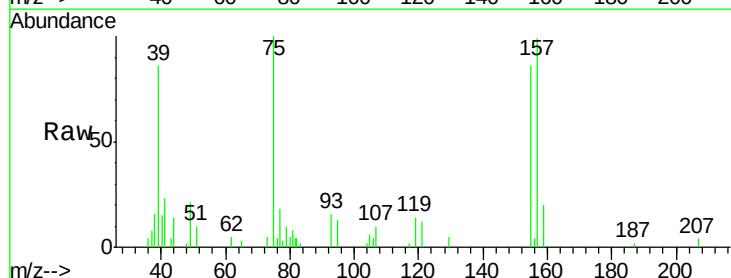
RT: 14.36 min Scan# 2095

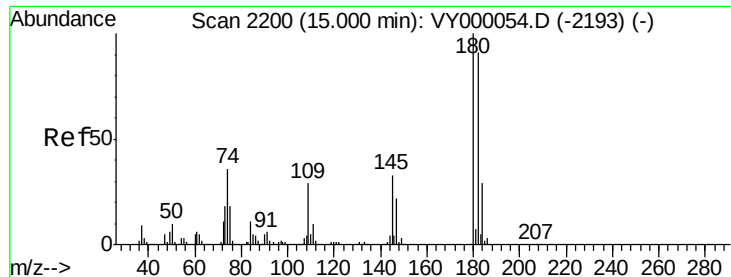
Delta R.T. 0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion:	75	Resp:	5321
Ion Ratio	Lower	Upper	
75	100		
155	88.8	40.6	121.7
157	90.8	52.9	158.8





#93

1,2,4-Trichlorobenzene

Concen: 21.590 ug/l

RT: 15.00 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

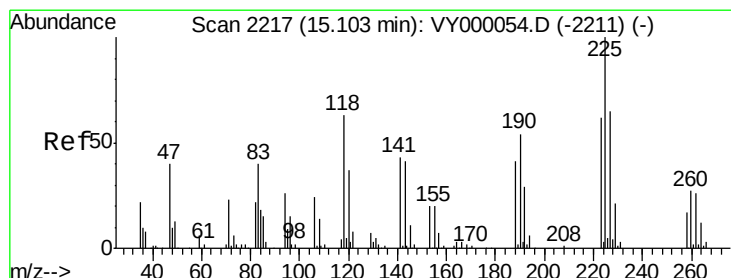
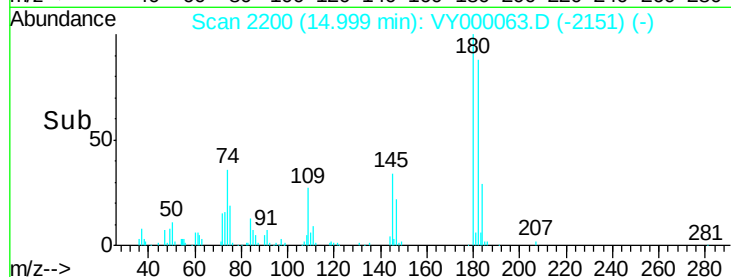
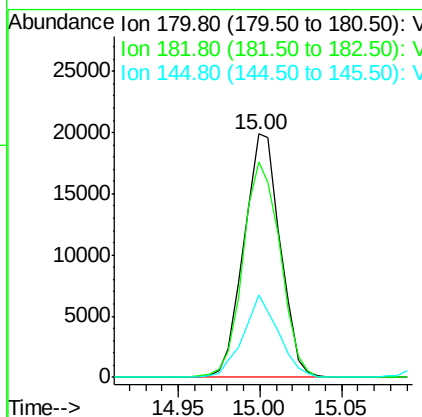
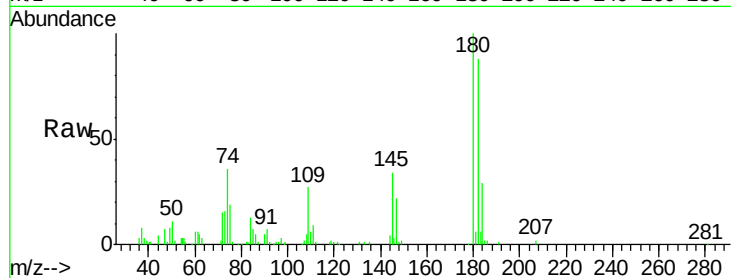
ClientSampleId :

VY0918SBS01

Tot Ion:	180	Resp:	30889
Ion Ratio	Lower	Upper	
180	100		
182	90.8	48.5	145.6
145	32.9	17.2	51.6

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:39:29 AM



#94

Hexachlorobutadiene

Concen: 19.446 ug/l

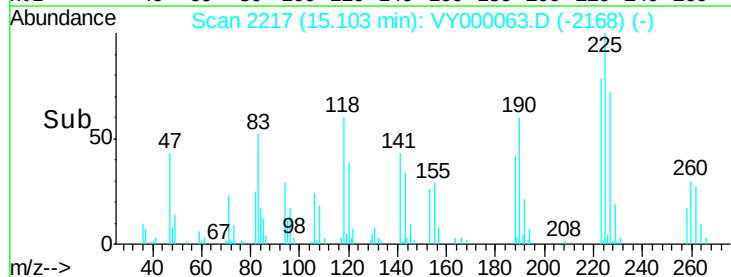
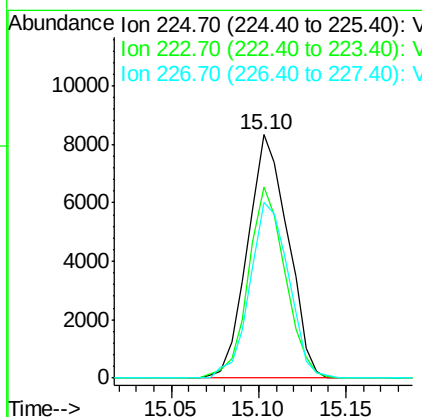
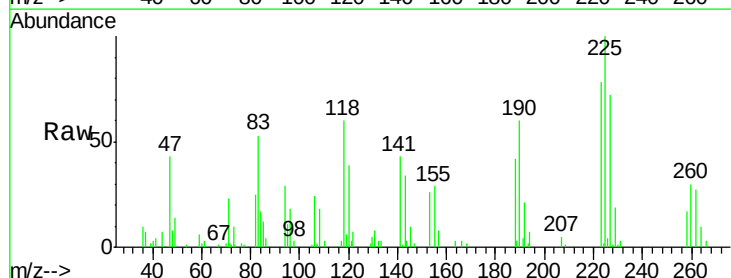
RT: 15.10 min Scan# 2217

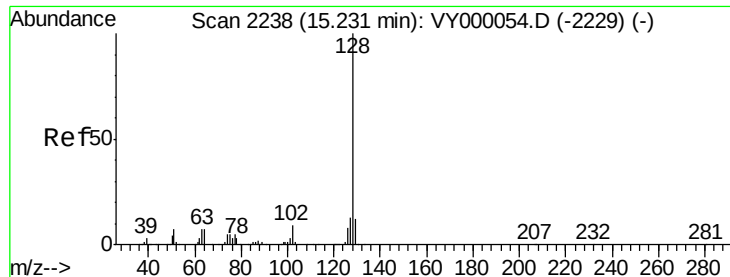
Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion:	225	Resp:	13358
Ion Ratio	Lower	Upper	
225	100		
223	71.6	31.9	95.5
227	69.1	30.6	91.6





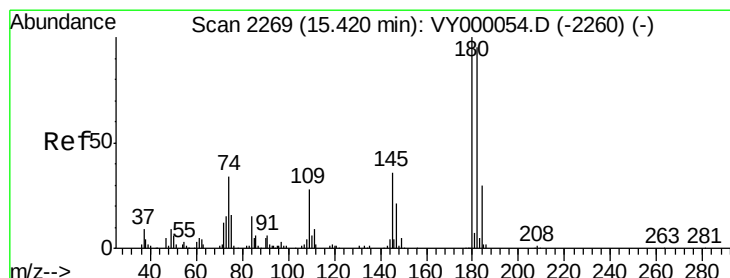
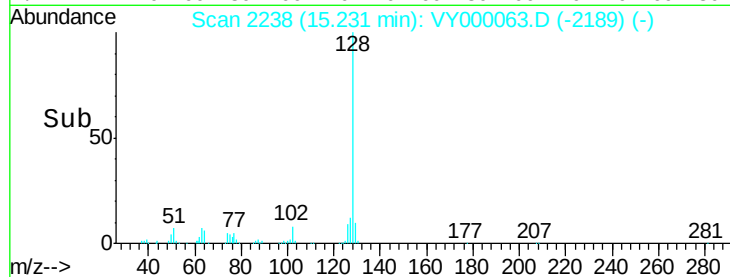
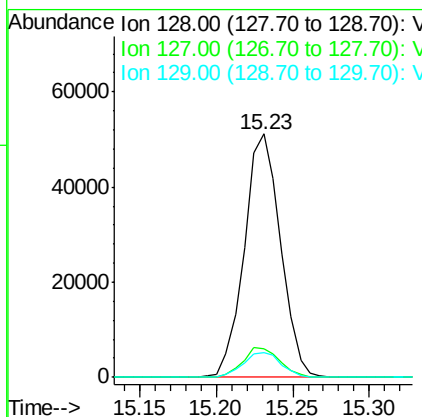
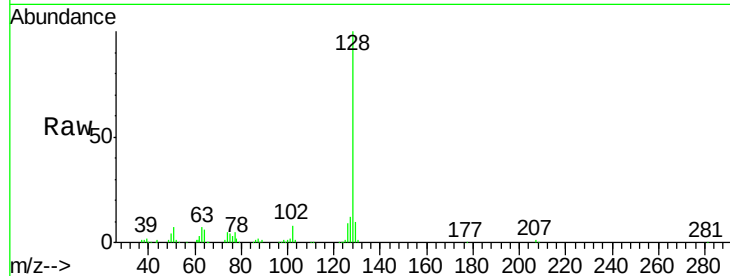
#95
Naphthalene
Concen: 20.700 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	10.9	9.2	13.8

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:39:29 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.268 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.5	142.5
145	36.9	17.4	52.2

