

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091819\
 Data File : VY000065.D
 Acq On : 18 Sep 2019 17:04
 Operator : SY/MD
 Sample : MDL1
 Misc : 5.00µl/5.00ml/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL1

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 12:39:31 AM

Quant Time: Sep 19 05:29:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:25:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	99867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	201130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	174625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	73857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	60924	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
35) Dibromofluoromethane	7.72	113	58963	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	10.18	98	243765	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.48	95	83450	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	3600	4.614	ug/l	80
3) Chloromethane	2.11	50	7407	6.477	ug/l	97
4) Vinyl Chloride	2.25	62	5762	5.171	ug/l	98
5) Bromomethane	2.64	94	4774	6.584	ug/l #	64
6) Chloroethane	2.78	64	4108	5.500	ug/l	99
7) Trichlorofluoromethane	3.12	101	7674	4.981	ug/l	94
8) Diethyl Ether	3.53	74	3308	5.014	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	4849	4.587	ug/l	95
10) Methyl Iodide	4.09	142	4421	4.022	ug/l #	95
11) Tert butyl alcohol	4.98	59	3878m	28.470	ug/l	
12) 1,1-Dichloroethene	3.87	96	4753	4.878	ug/l #	80
13) Acrolein	3.74	56	2150	26.781	ug/l	90
14) Allyl chloride	4.48	41	7166	4.812	ug/l	99
15) Acrylonitrile	5.17	53	8912	22.528	ug/l	99
16) Acetone	3.95	43	7816	29.216	ug/l	89
17) Carbon Disulfide	4.19	76	11197	5.902	ug/l	97
18) Methyl Acetate	4.48	43	4693	5.251	ug/l	98
19) Methyl tert-butyl Ether	5.21	73	14130	4.640	ug/l #	77
20) Methylene Chloride	4.72	84	7921	6.294	ug/l	90
21) trans-1,2-Dichloroethene	5.21	96	5790	5.345	ug/l	87
22) Diisopropyl ether	6.12	45	15352	4.562	ug/l	91
23) Vinyl Acetate	6.07	43	49622	22.034	ug/l	96
24) 1,1-Dichloroethane	6.03	63	9192	4.615	ug/l	98
25) 2-Butanone	6.99	43	11625	23.991	ug/l	99
26) 2,2-Dichloropropane	6.99	77	10515	5.595	ug/l	86
27) cis-1,2-Dichloroethene	6.98	96	7148m	5.212	ug/l	
28) Bromochloromethane	7.34	49	4751	5.146	ug/l #	89
29) Tetrahydrofuran	7.36	42	6724	23.116	ug/l	97
30) Chloroform	7.51	83	10871	5.289	ug/l	88
31) Cyclohexane	7.78	56	10122	6.240	ug/l	94
32) 1,1,1-Trichloroethane	7.70	97	7479	4.480	ug/l	93
36) 1,1-Dichloropropene	7.92	75	7696	5.117	ug/l	92
37) Ethyl Acetate	7.08	43	4916	4.904	ug/l #	68
38) Carbon Tetrachloride	7.90	117	6582	4.637	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	9084	4.912	ug/l	91
40) Benzene	8.16	78	23301	4.691	ug/l	93
41) Methacrylonitrile	7.31	41	2559m	4.234	ug/l	
42) 1,2-Dichloroethane	8.24	62	5909	4.491	ug/l	99
43) Isopropyl Acetate	8.27	43	8863	4.521	ug/l	94
44) Trichloroethene	8.94	130	5960	4.697	ug/l	90
45) 1,2-Dichloropropane	9.22	63	5471	4.252	ug/l	92
46) Dibromomethane	9.31	93	3093	4.401	ug/l	94
47) Bromodichloromethane	9.49	83	7120	4.175	ug/l #	94
48) Methyl methacrylate	9.29	41	3695	4.285	ug/l	96
49) 1,4-Dioxane	9.29	88	1336	97.906	ug/l	86
51) 4-Methyl-2-Pentanone	10.07	43	23916	22.343	ug/l	94
52) Toluene	10.24	92	15079	4.778	ug/l	91
53) t-1,3-Dichloropropene	10.46	75	7483	4.138	ug/l	90
54) cis-1,3-Dichloropropene	9.93	75	8433	4.038	ug/l #	93
55) 1,1,2-Trichloroethane	10.65	97	5205	4.724	ug/l #	83
56) Ethyl methacrylate	10.51	69	6827	4.354	ug/l	92
57) 1,3-Dichloropropane	10.79	76	8108	4.380	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	20641	24.353	ug/l	97
59) 2-Hexanone	10.84	43	15657	20.503	ug/l	96
60) Dibromochloromethane	10.98	129	5110	4.427	ug/l	92
61) 1,2-Dibromoethane	11.09	107	4797	4.766	ug/l	88
64) Tetrachloroethene	10.73	164	4810	4.389	ug/l #	79
65) Chlorobenzene	11.51	112	15395	4.457	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	4628	3.963	ug/l	95
67) Ethyl Benzene	11.59	91	27261	4.422	ug/l	99
68) m/p-Xylenes	11.70	106	20919	8.918	ug/l	96
69) o-Xylene	12.02	106	9766	4.300	ug/l	97
70) Styrene	12.04	104	17023	4.270	ug/l	98
71) Bromoform	12.21	173	2946	4.357	ug/l #	88
73) Isopropylbenzene	12.33	105	26763	4.496	ug/l	98
74) N-amyl acetate	12.14	43	7342	4.330	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	6548	4.673	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	5283m	5.084	ug/l	
77) Bromobenzene	12.61	156	5541	4.458	ug/l	93
78) n-propylbenzene	12.67	91	32790	4.516	ug/l	99
79) 2-Chlorotoluene	12.75	91	18538	4.567	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	22119	4.486	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	2130	3.942	ug/l #	88
82) 4-Chlorotoluene	12.85	91	18978	4.522	ug/l	100
83) tert-Butylbenzene	13.07	119	19498	4.622	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	22965	4.724	ug/l	96
85) sec-Butylbenzene	13.25	105	28441	4.564	ug/l	99
86) p-Isopropyltoluene	13.37	119	23388	4.427	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	11395	4.622	ug/l	95
88) 1,4-Dichlorobenzene	13.44	146	10943	4.417	ug/l	88
89) n-Butylbenzene	13.69	91	24969	4.594	ug/l	97
90) Hexachloroethane	13.96	117	4548	4.381	ug/l	81
91) 1,2-Dichlorobenzene	13.73	146	9719	4.196	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.35	75	1108	4.441	ug/l	94

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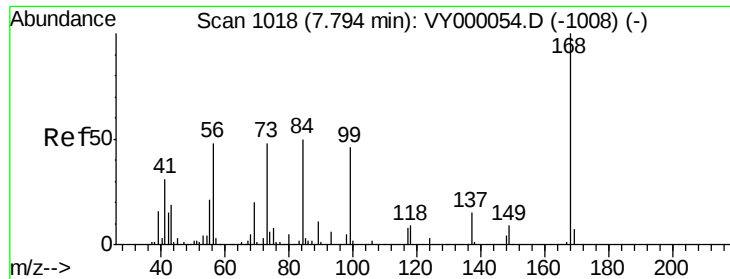
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	6881	4.923	ug/l	93
94) Hexachlorobutadiene	15.11	225	2587	3.855	ug/l	83
95) Naphthalene	15.23	128	17135	4.318	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	5928	4.444	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

ClientSampled :

MDL1

Tot Ion:168 Resp: 99867

Ion Ratio Lower Upper

168 100

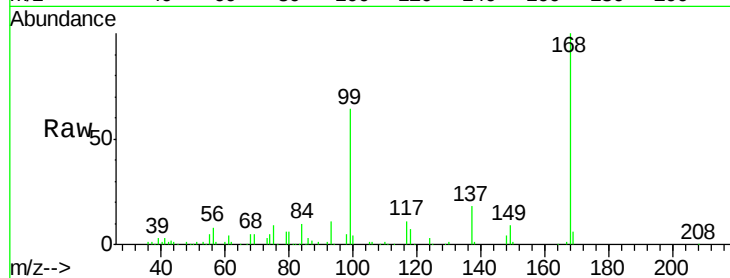
99 63.5 44.2 66.2

Manual Integrations

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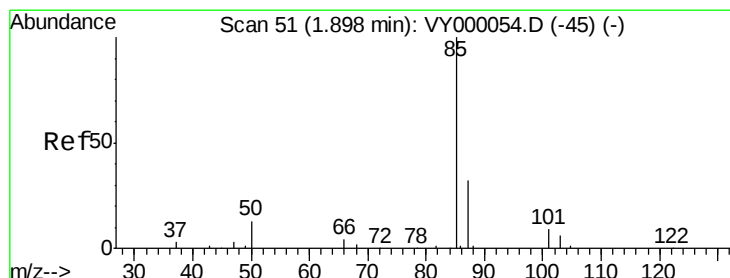
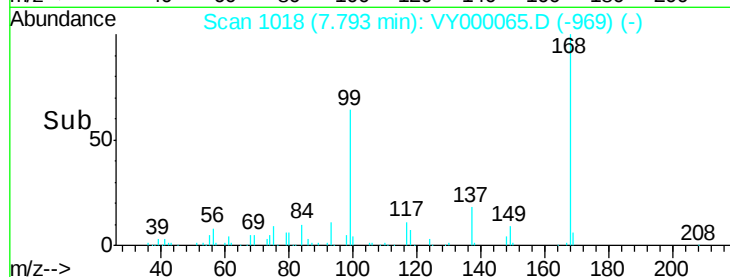


Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)

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

7.79

Time-->



#2

Dichlorodifluoromethane

Concen: 4.614 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000065.D

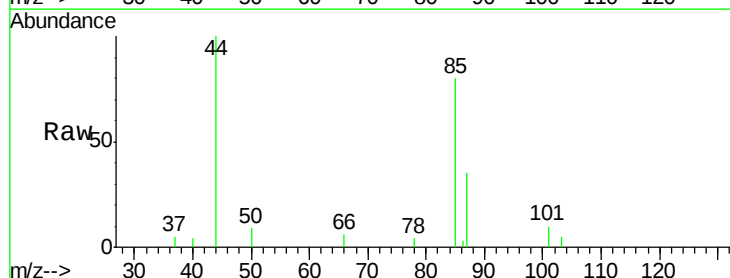
Acq: 18 Sep 2019 17:04

Tgt Ion: 85 Resp: 3600

Ion Ratio Lower Upper

85 100

87 43.3 16.2 48.5

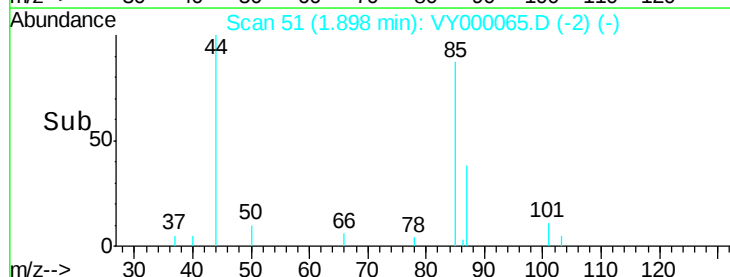


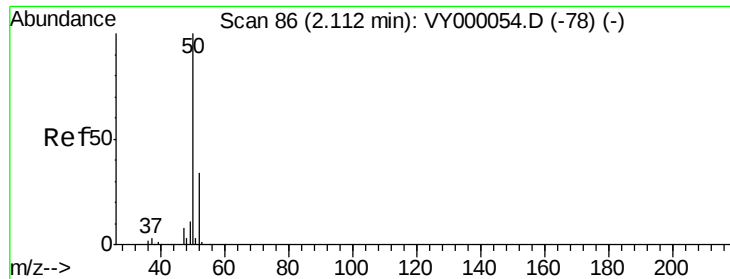
Abundance Ion 84.90 (84.60 to 85.60): VY000054.D (-45) (-)

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

1.90

Time-->





#3

Chloromethane

Concen: 6.477 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

ClientSampled :

MDL1

Tot Ion: 50 Resp: 7407

Ion Ratio Lower Upper

50 100

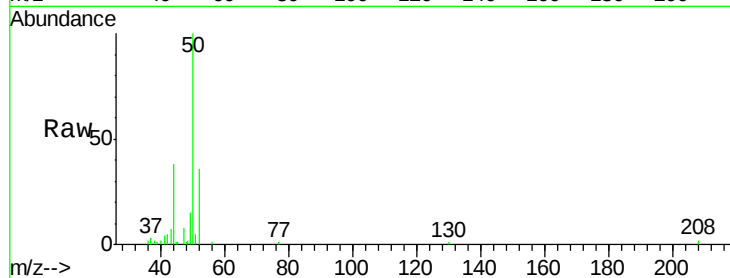
52 35.8 27.3 40.9

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

5000

4000

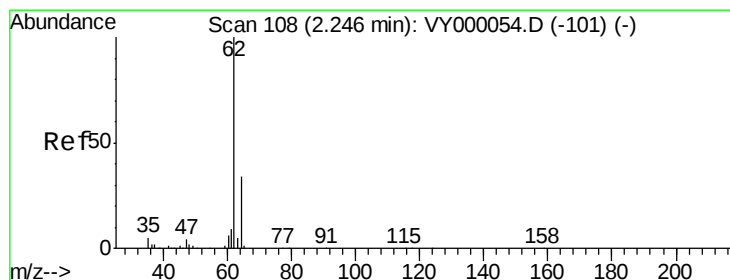
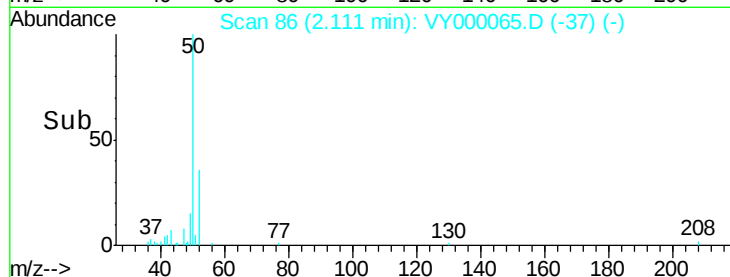
3000

2000

1000

0

Time-->



#4

Vinyl Chloride

Concen: 5.171 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000065.D

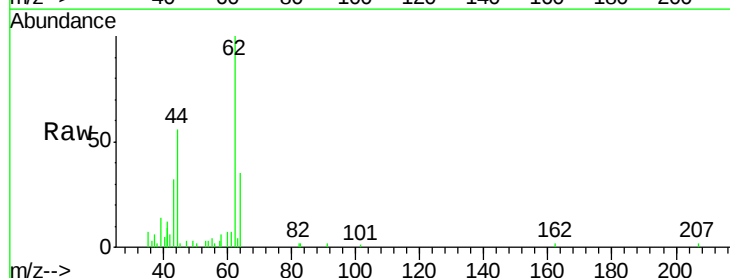
Acq: 18 Sep 2019 17:04

Tgt Ion: 62 Resp: 5762

Ion Ratio Lower Upper

62 100

64 34.5 26.9 40.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

4000

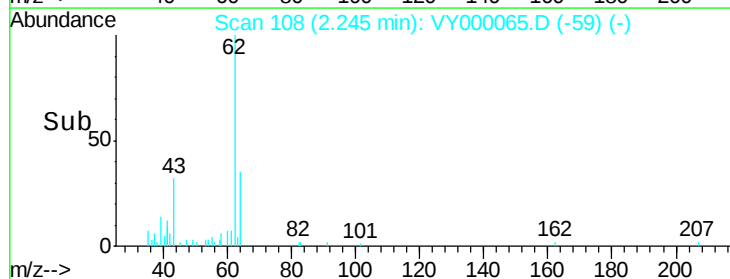
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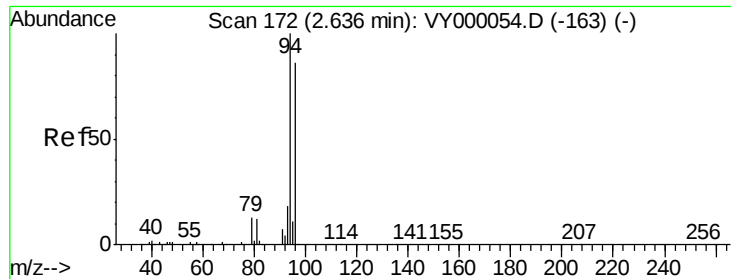
2000

1000

0

Time-->





#5

Bromomethane

Concen: 6.584 ug/l

RT: 2.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

ClientSampleId :

MDL1

Tot Ion: 94 Resp: 4774

Ion Ratio Lower Upper

94 100

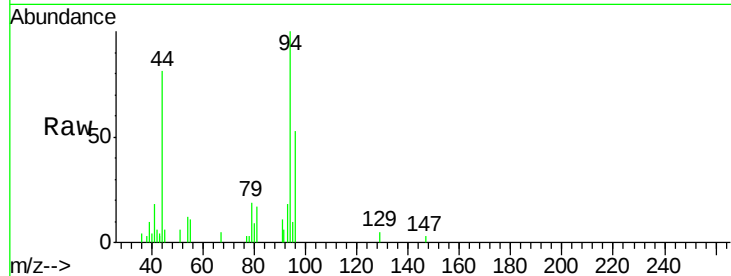
96 53.3 69.1 103.7#

Manual Integrations

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MMDadoda

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

2000

1500

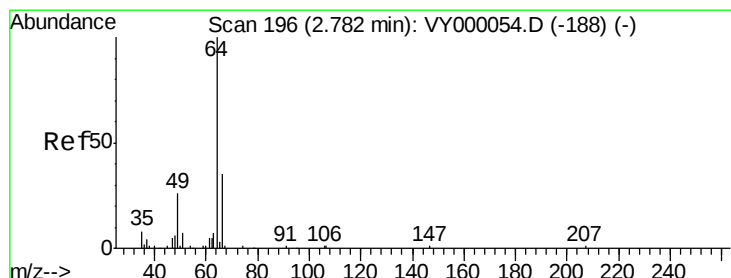
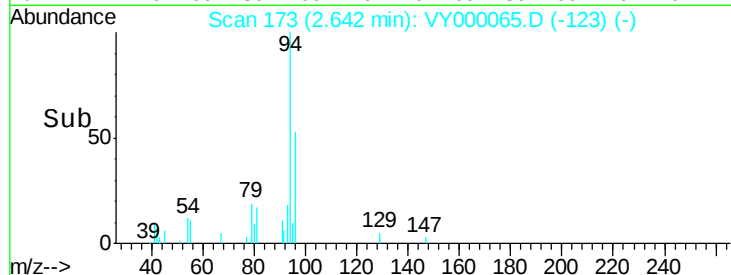
1000

500

0

Time-->

2.55 2.60 2.65 2.70 2.75



#6

Chloroethane

Concen: 5.500 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VY000065.D

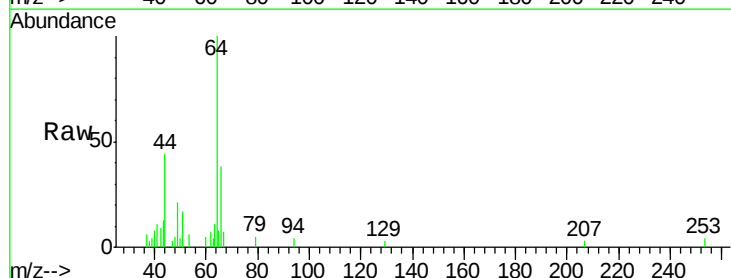
Acq: 18 Sep 2019 17:04

Tgt Ion: 64 Resp: 4108

Ion Ratio Lower Upper

64 100

66 34.1 27.7 41.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.78

2000

1500

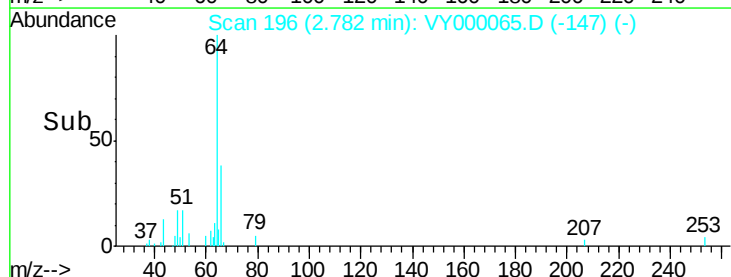
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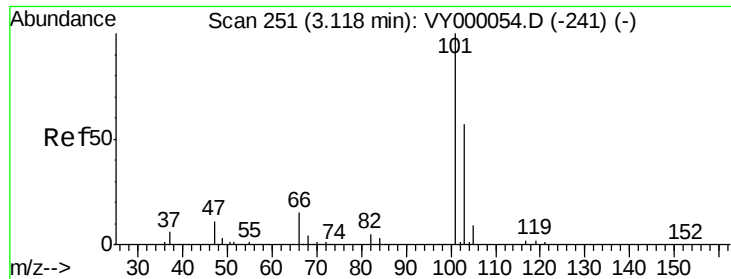
500

0

Time-->

2.70 2.75 2.80 2.85





#7

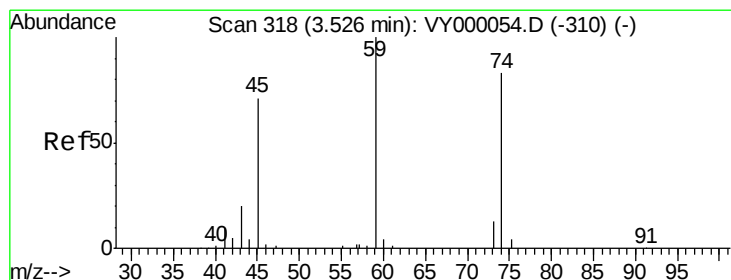
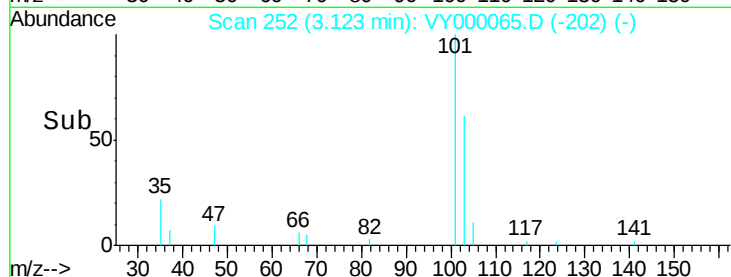
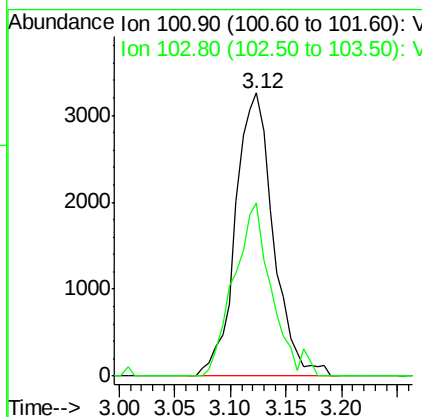
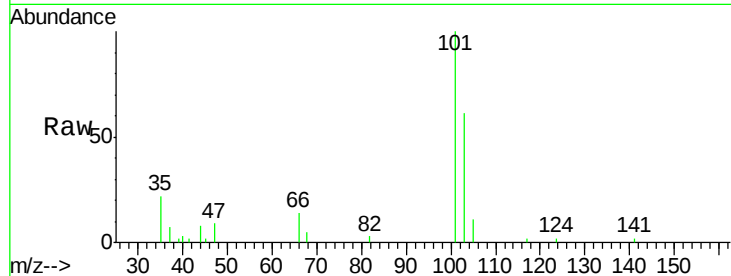
Trichlorofluoromethane
Concen: 4.981 ug/l
RT: 3.12 min Scan# 252
Delta R.T. 0.01 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampleId :
MDL1

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.3	45.7	68.5

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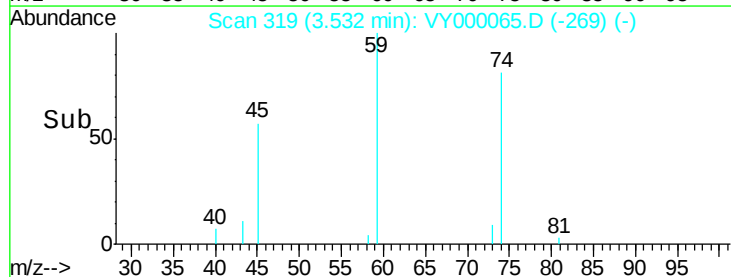
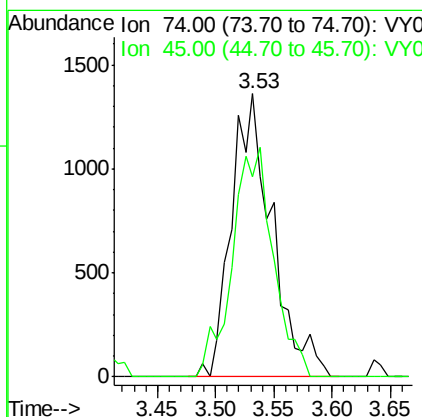
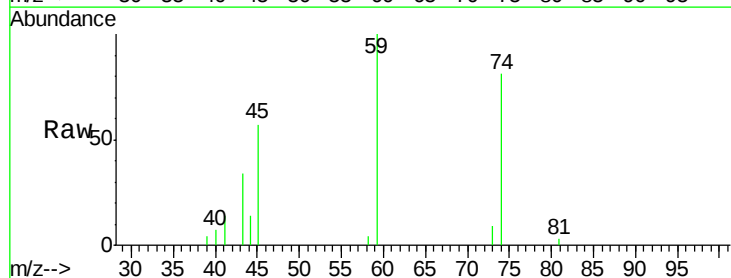
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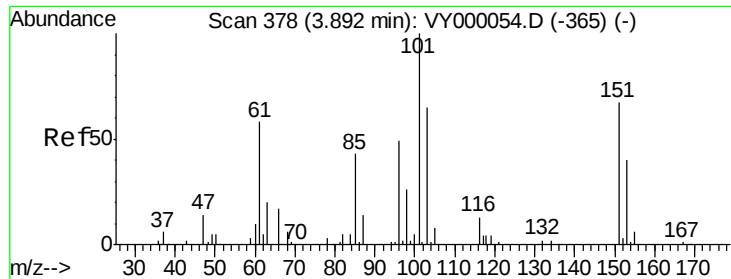


#8

Diethyl Ether
Concen: 5.014 ug/l
RT: 3.53 min Scan# 319
Delta R.T. 0.01 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.0	40.6	122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.587 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

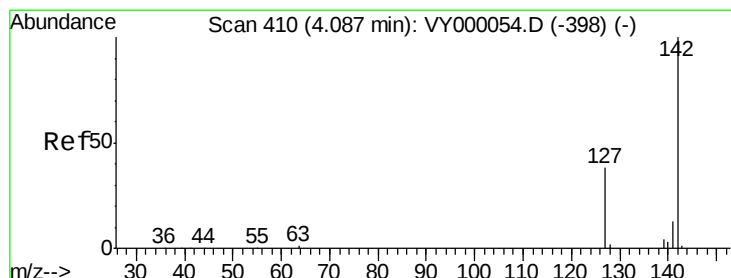
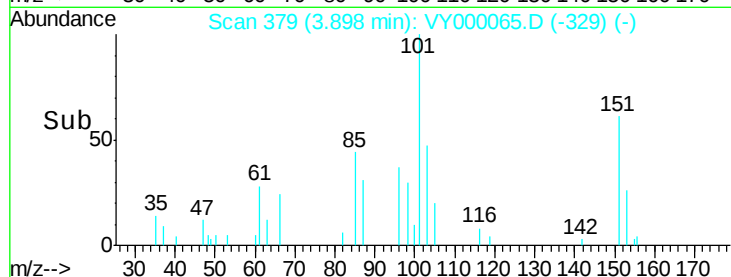
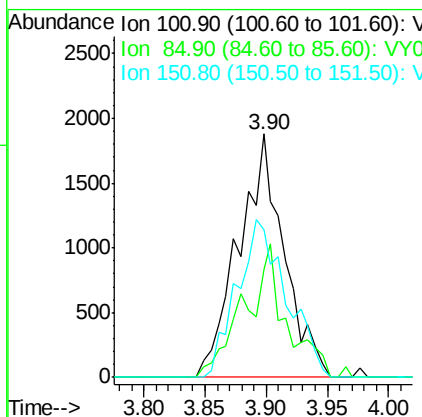
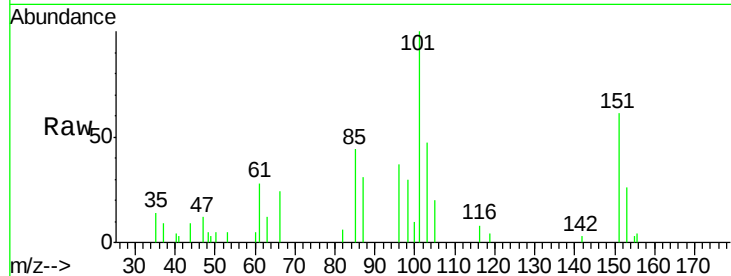
ClientSampled :

MDL1

Tot Ion:	101	Resp:	4849
Ion Ratio	Lower	Upper	
101	100		
85	50.4	36.8	55.2
151	70.9	54.4	81.6

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9/20/2019 12:39:31 AM



#10

Methyl Iodide

Concen: 4.022 ug/l

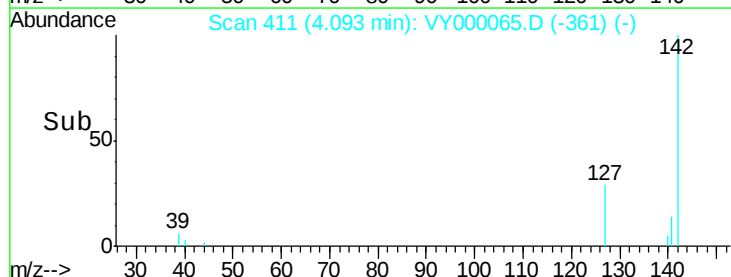
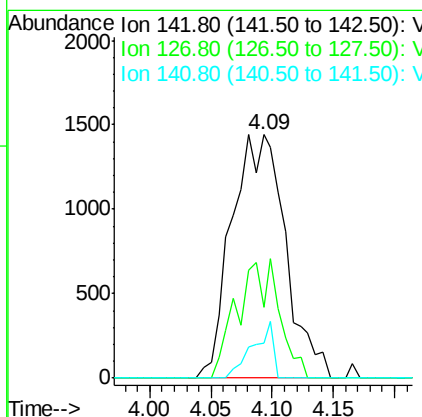
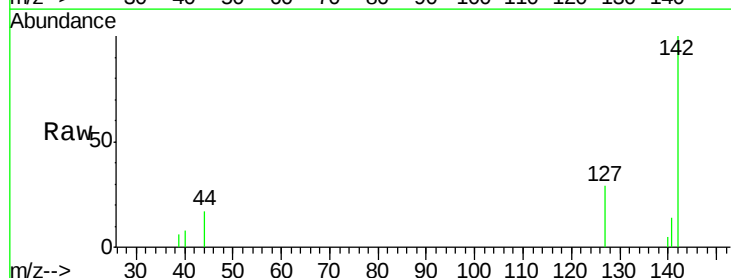
RT: 4.09 min Scan# 411

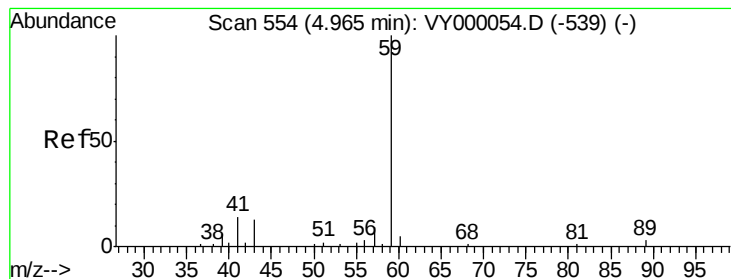
Delta R.T. 0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Tgt Ion:	142	Resp:	4421
Ion Ratio	Lower	Upper	
142	100		
127	37.6	31.6	47.4
141	8.9	10.9	16.3#





#11

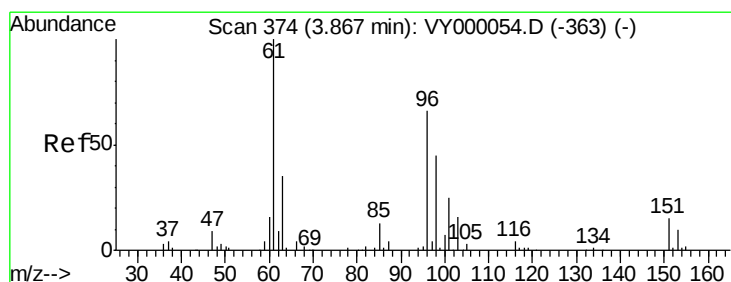
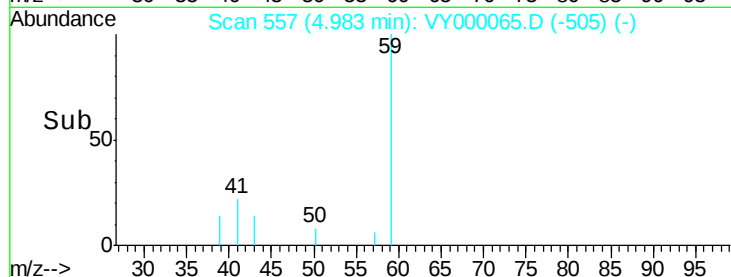
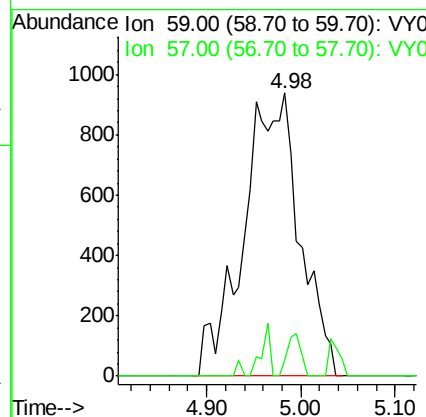
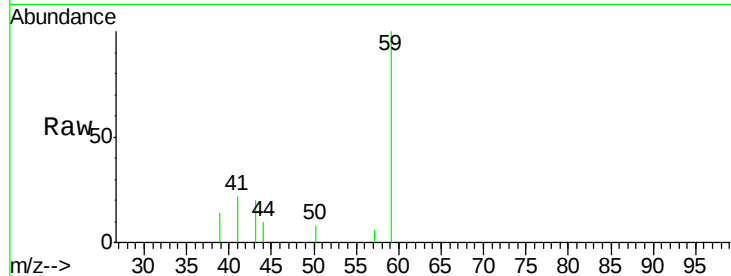
Tert butyl alcohol
 Concen: 28.470 ug/l m
 RT: 4.98 min Scan# 557
 Delta R.T. 0.02 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL1

Tot Ion: 59 Resp: 3878
 Ion Ratio Lower Upper
 59 100
 57 2.8 8.0 12.0#

Manual Integrations
 APPROVED

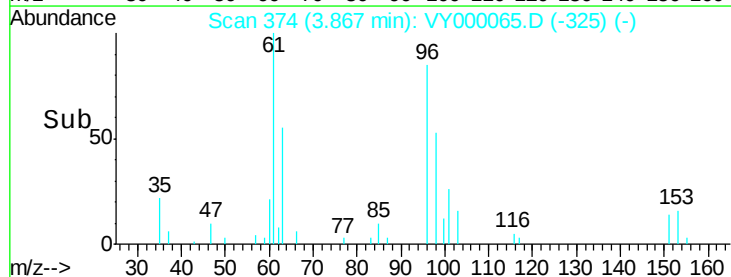
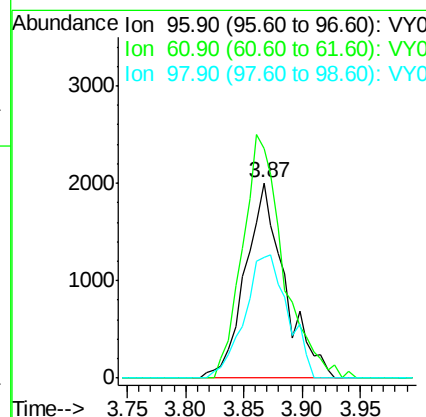
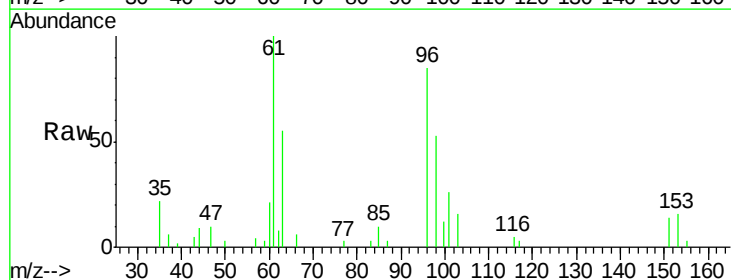
MMDadoda
 9/20/2019 12:39:31 AM

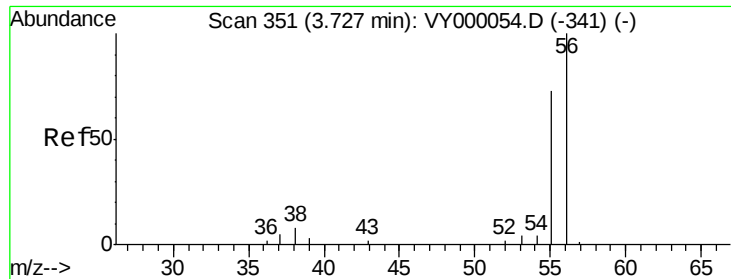


#12

1,1-Dichloroethene
 Concen: 4.878 ug/l
 RT: 3.87 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Tgt Ion: 96 Resp: 4753
 Ion Ratio Lower Upper
 96 100
 61 117.2 120.4 180.6#
 98 61.7 54.1 81.1





#13

Acrolein

Concen: 26.781 ug/l

RT: 3.74 min Scan# 353

Delta R.T. 0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

ClientSampled :

MDL1

Tot Ion: 56 Resp: 2150

Ion Ratio Lower Upper

56 100

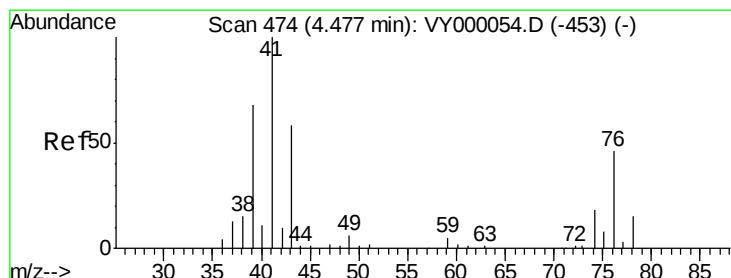
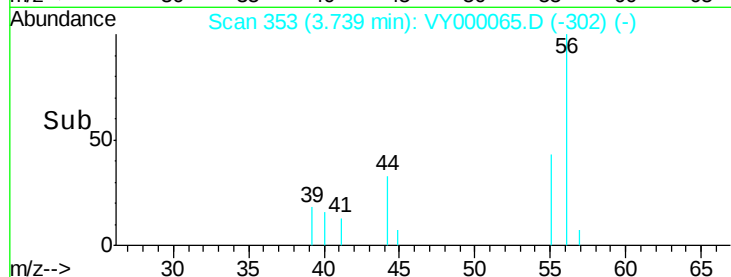
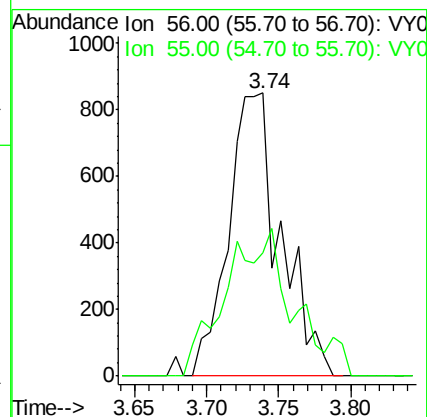
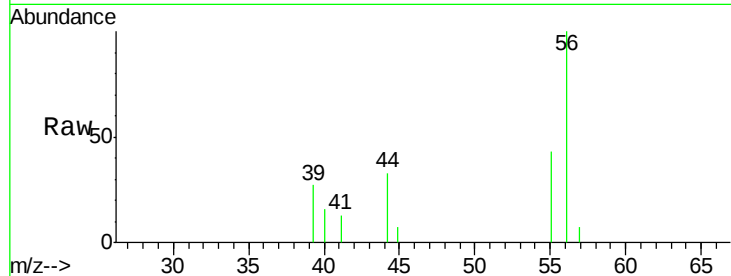
55 63.8 57.8 86.8

Manual Integrations

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#14

Allyl chloride

Concen: 4.812 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

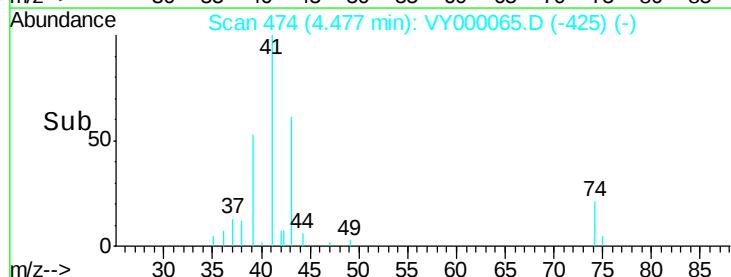
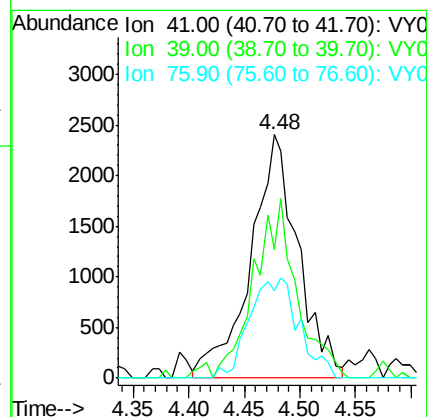
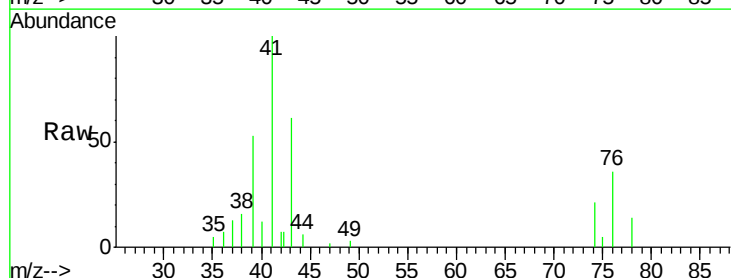
Tgt Ion: 41 Resp: 7166

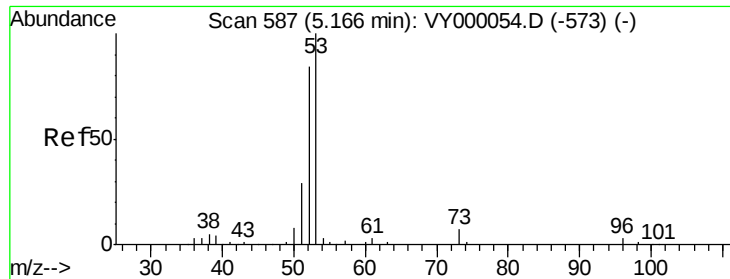
Ion Ratio Lower Upper

41 100

39 65.8 52.7 79.1

76 42.6 35.5 53.3





#15

Acrylonitrile

Concen: 22.528 ug/l

RT: 5.17 min Scan# 588

Delta R.T. 0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

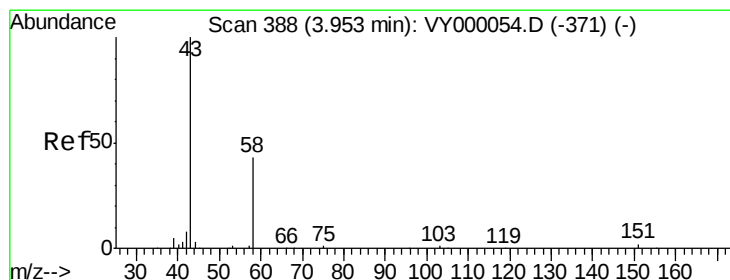
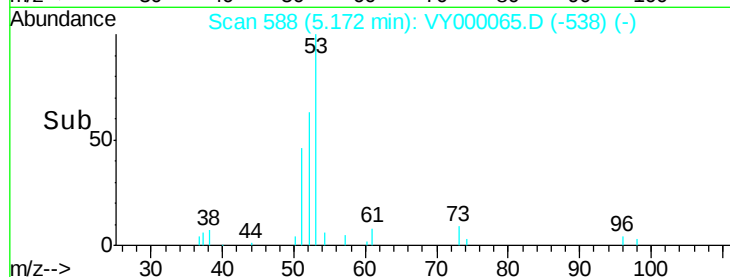
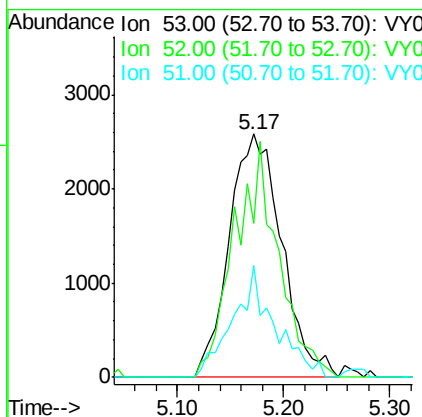
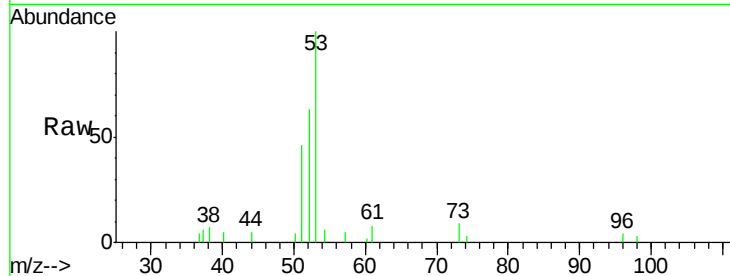
ClientSampleId :

MDL1

Tot Ion:	53	Resp:	8912
Ion	Ratio	Lower	Upper
53	100		
52	81.0	64.7	97.1
51	36.0	26.7	40.1

Manual Integrations
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#16

Acetone

Concen: 29.216 ug/l

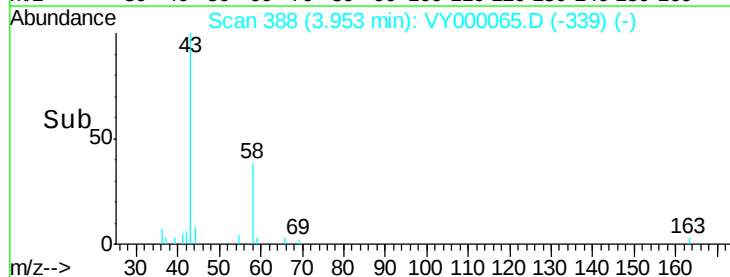
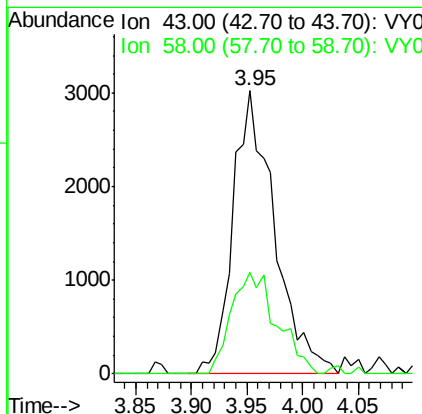
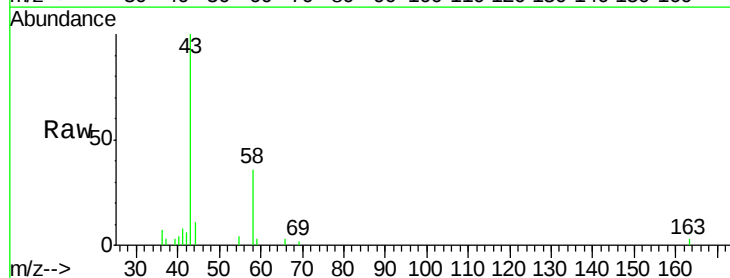
RT: 3.95 min Scan# 388

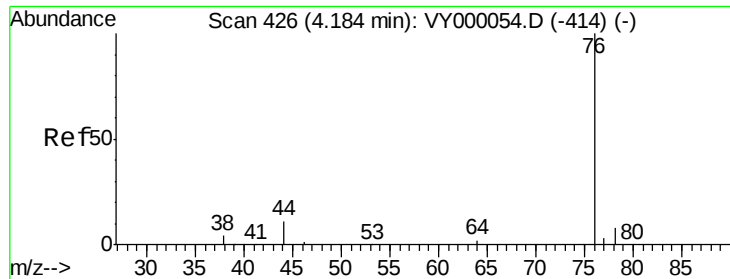
Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Tgt Ion:	43	Resp:	7816
Ion	Ratio	Lower	Upper
43	100		
58	36.1	34.5	51.7





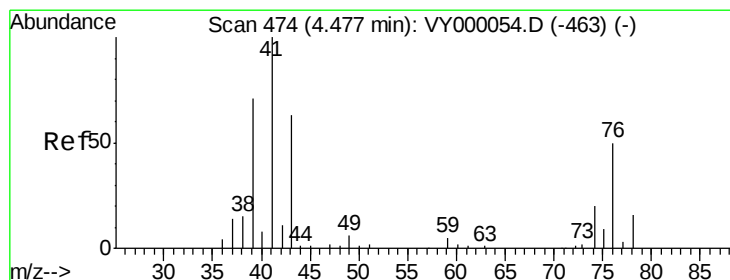
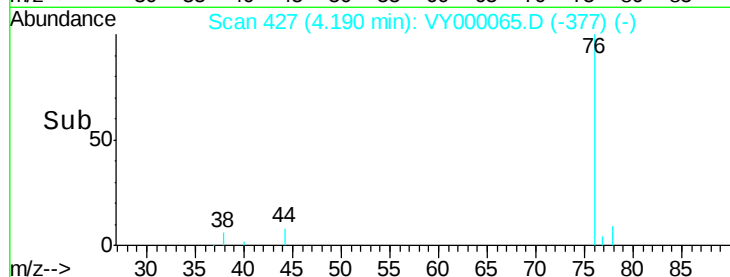
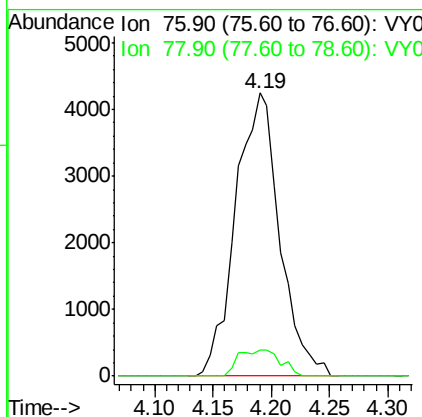
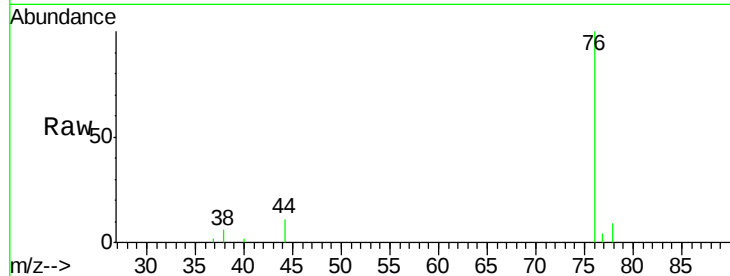
#17
Carbon Disulfide
Concen: 5.902 ug/l
RT: 4.19 min Scan# 427
Delta R.T. 0.01 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.6	9.8

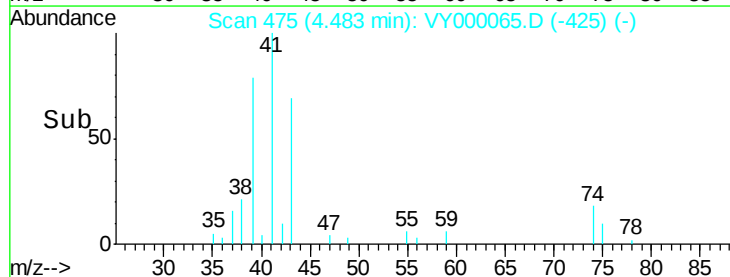
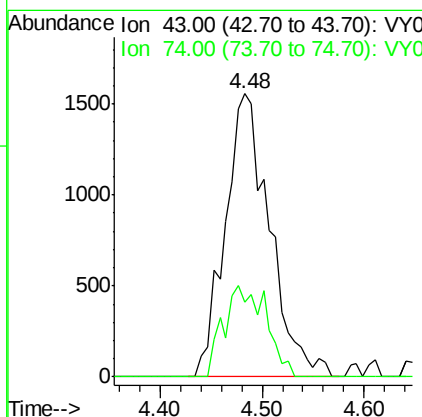
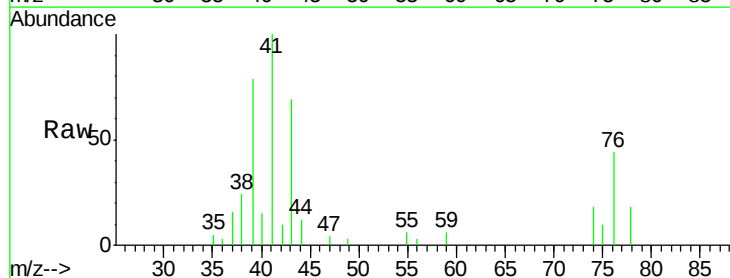
Manual Integrations
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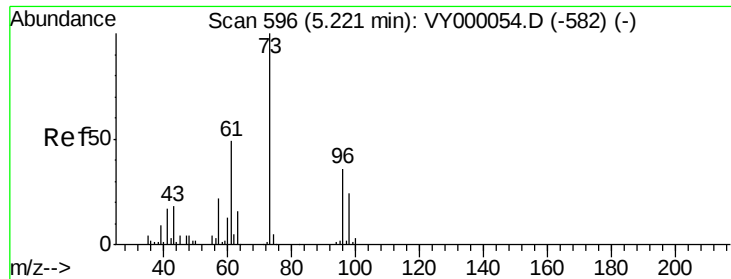
MMDadoda
9/20/2019 12:39:31 AM



#18
Methyl Acetate
Concen: 5.251 ug/l
RT: 4.48 min Scan# 475
Delta R.T. 0.01 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	31.0	24.1	36.1





#19

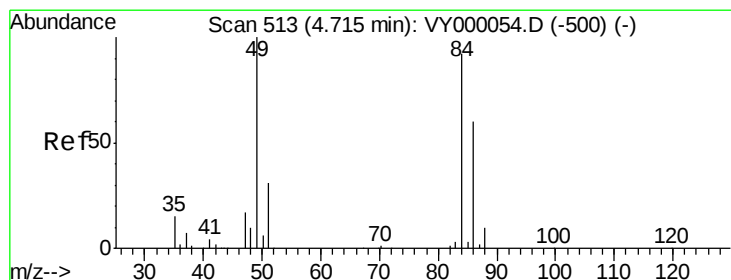
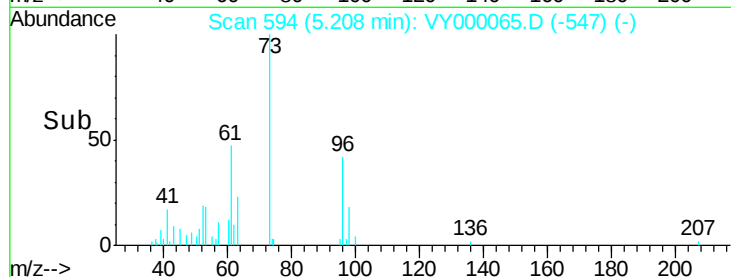
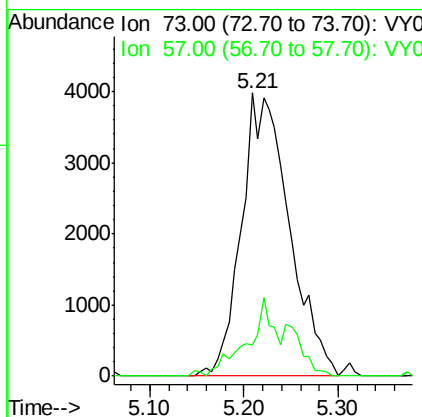
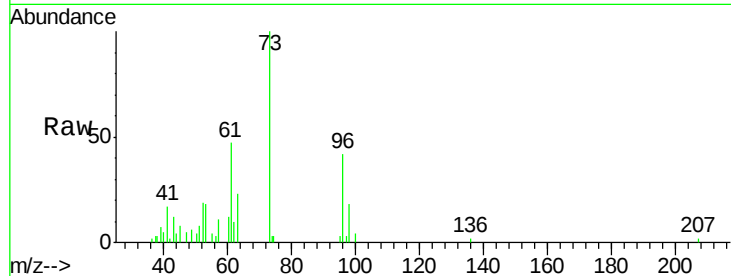
Methyl tert-butyl Ether
 Concen: 4.640 ug/l
 RT: 5.21 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL1

Tot Ion: 73 Resp: 14130
 Ion Ratio Lower Upper
 73 100
 57 10.9 17.5 26.3#

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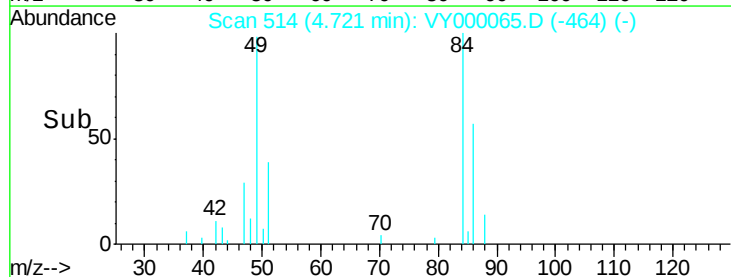
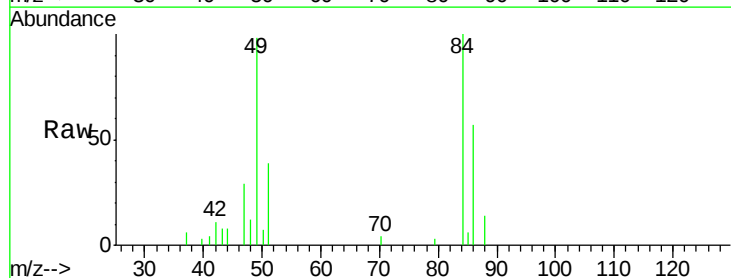
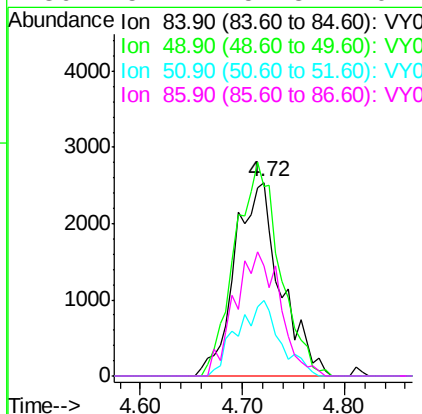
MMDadoda
 9/20/2019 12:39:31 AM

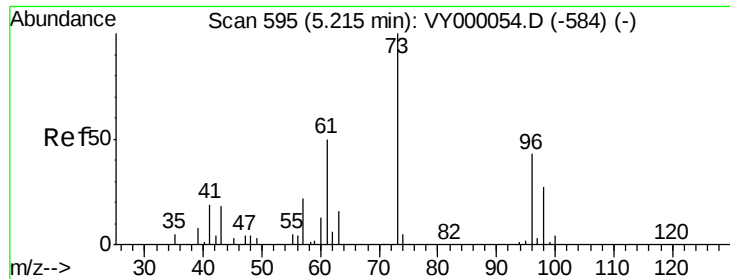


#20

Methylene Chloride
 Concen: 6.294 ug/l
 RT: 4.72 min Scan# 514
 Delta R.T. 0.01 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Tgt Ion: 84 Resp: 7921
 Ion Ratio Lower Upper
 84 100
 49 98.1 87.4 131.0
 51 38.9 27.2 40.8
 86 57.2 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 5.345 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

ClientSampled :

MDL1

Tot Ion: 96 Resp: 5790

Ion Ratio Lower Upper

96 100

61 101.7 94.0 141.0

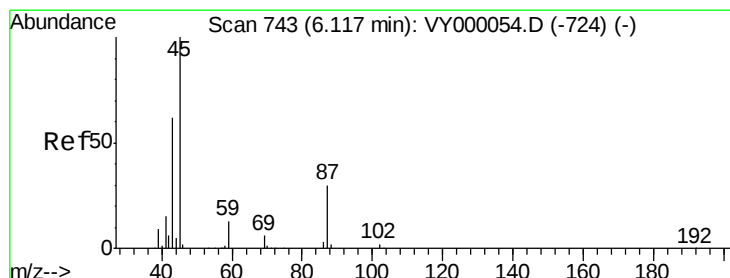
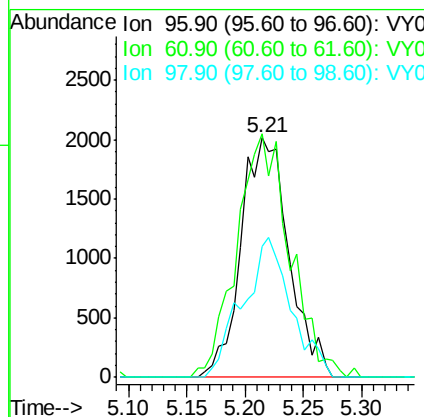
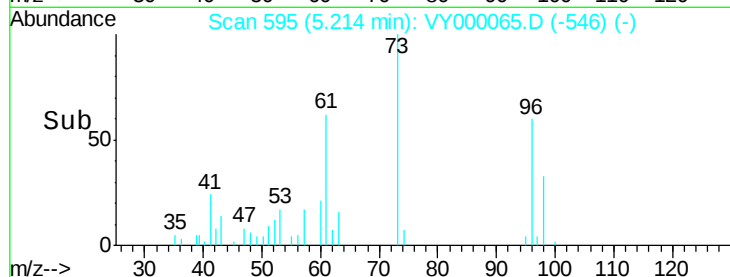
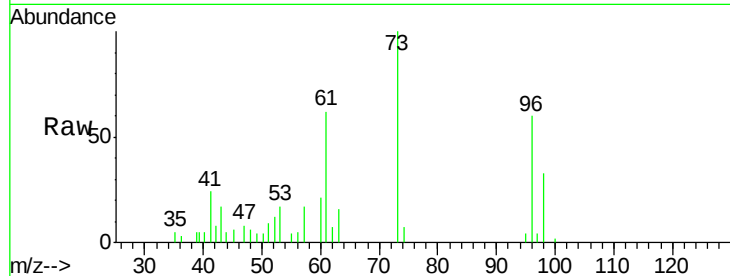
98 54.7 50.3 75.5

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#22

Diisopropyl ether

Concen: 4.562 ug/l

RT: 6.12 min Scan# 744

Delta R.T. 0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Tgt Ion: 45 Resp: 15352

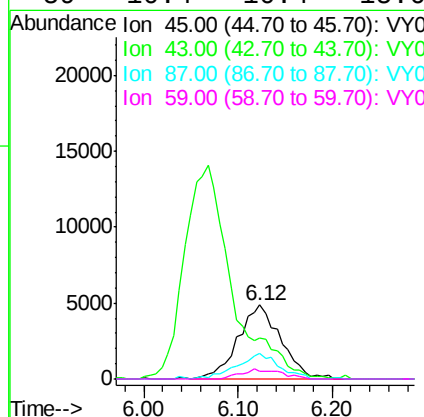
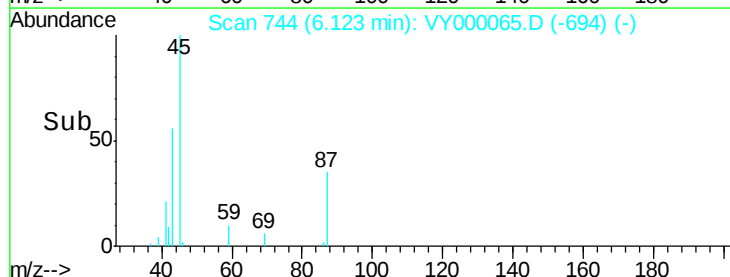
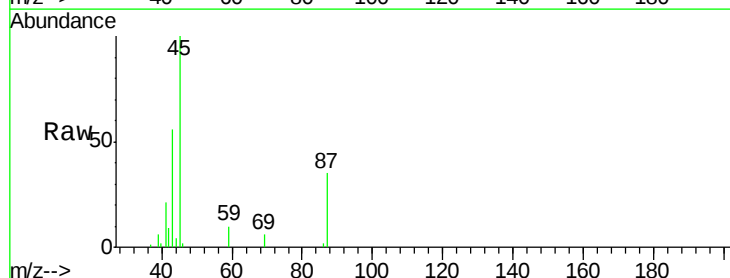
Ion Ratio Lower Upper

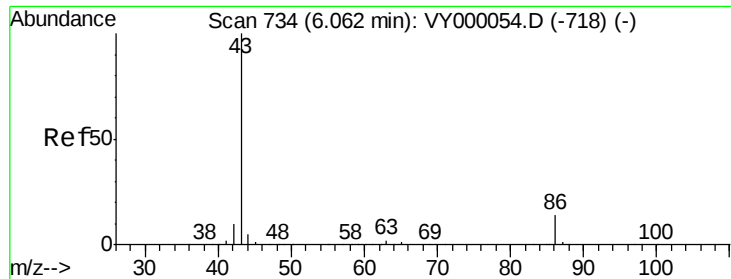
45 100

43 54.0 49.9 74.9

87 35.1 25.0 37.4

59 10.4 10.4 15.6





#23

Vinyl Acetate

Concen: 22.034 ug/l

RT: 6.07 min Scan# 735

Delta R.T. 0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

ClientSampleId :

MDL1

Tot Ion: 43 Resp: 49622

Ion Ratio Lower Upper

43 100

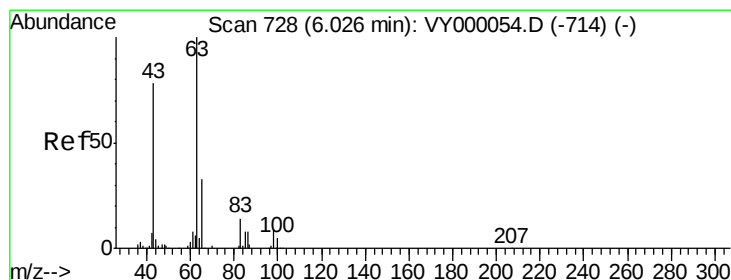
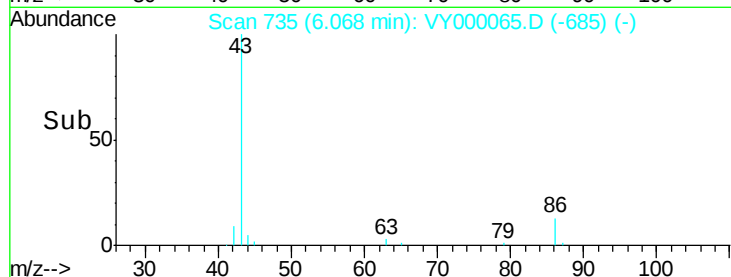
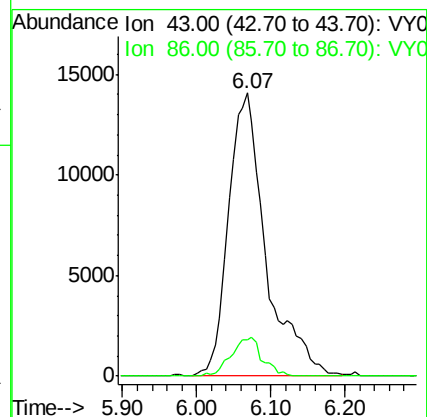
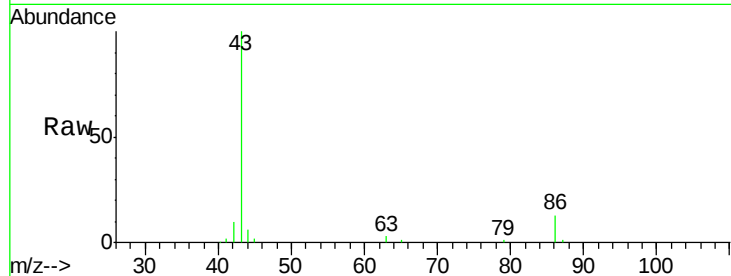
86 12.7 11.3 16.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 4.615 ug/l

RT: 6.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

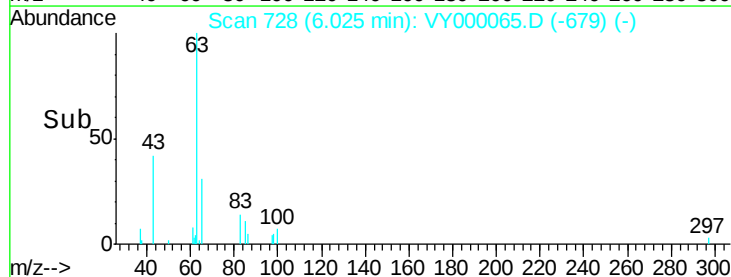
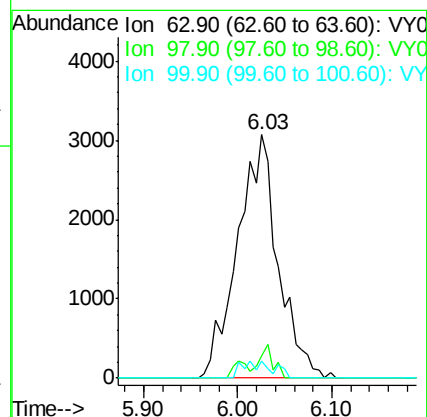
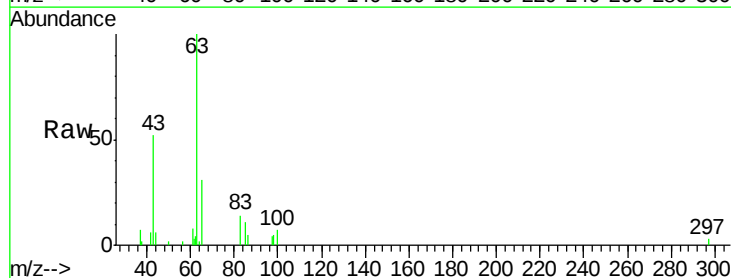
Tgt Ion: 63 Resp: 9192

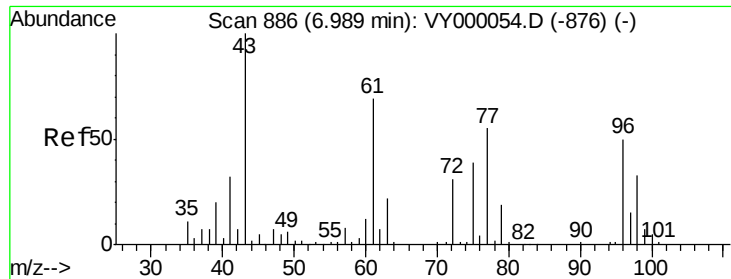
Ion Ratio Lower Upper

63 100

98 8.9 4.5 13.5

100 6.9 2.5 7.5





#25

2-Butanone

Concen: 23.991 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

ClientSampled :

MDL1

Tot Ion: 43 Resp: 11625

Ion Ratio Lower Upper

43 100

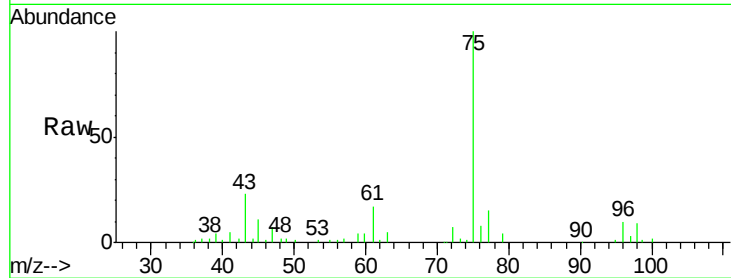
72 31.3 24.7 37.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

4000

3000

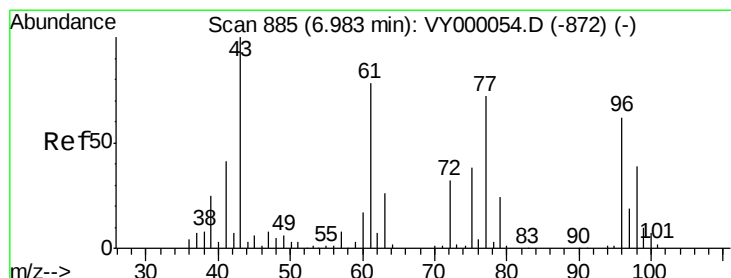
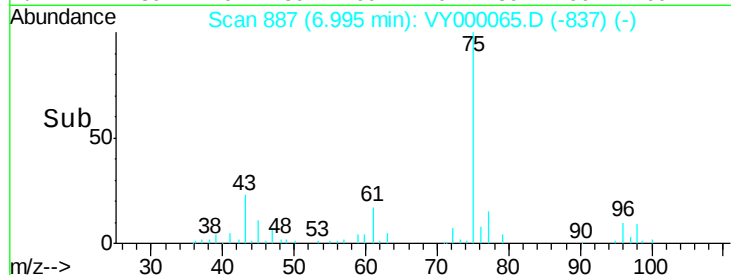
2000

1000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 5.595 ug/l

RT: 6.99 min Scan# 886

Delta R.T. 0.01 min

Lab File: VY000065.D

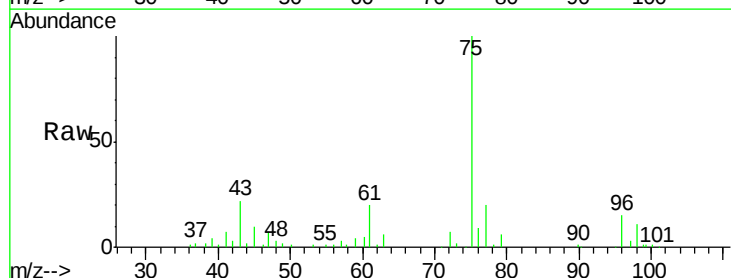
Acq: 18 Sep 2019 17:04

Tgt Ion: 77 Resp: 10515

Ion Ratio Lower Upper

77 100

97 17.9 12.5 37.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

3000

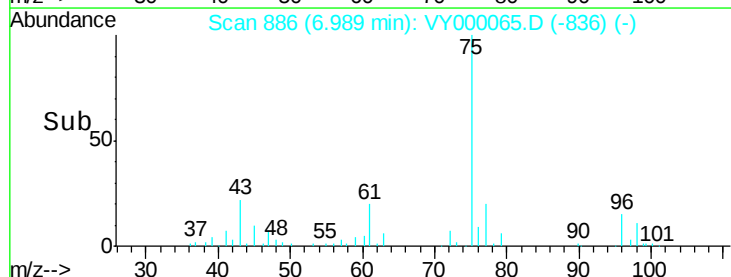
2000

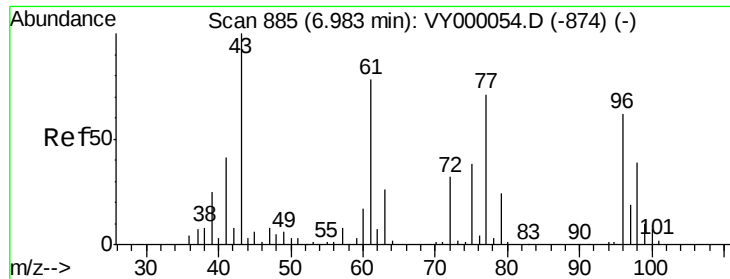
1000

0

6.90 7.00 7.10

Time-->





#27

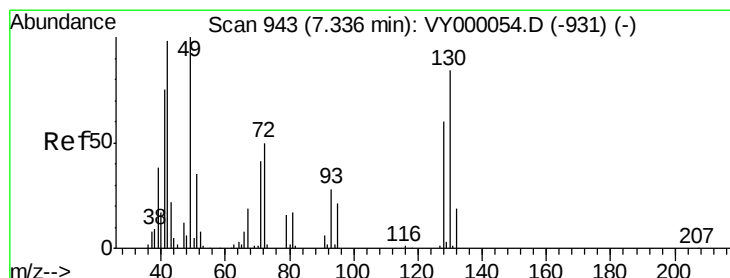
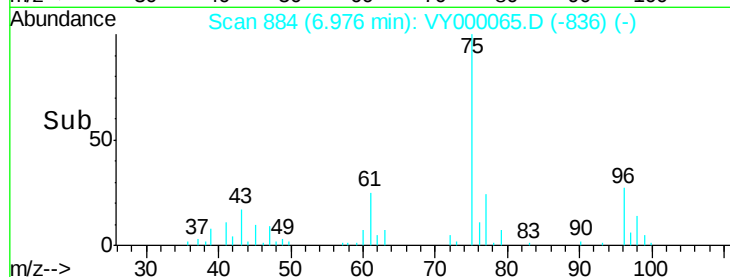
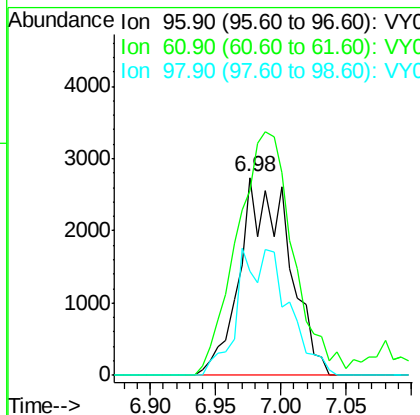
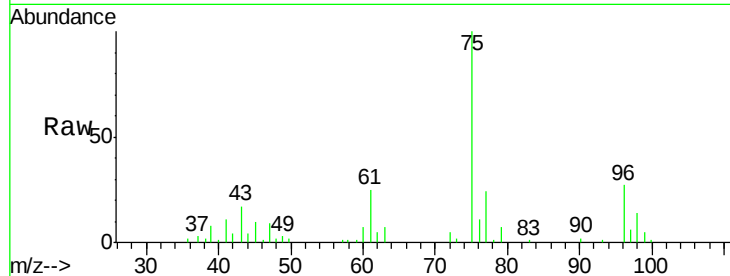
cis-1,2-Dichloroethene
Concen: 5.212 ug/l m
RT: 6.98 min Scan# 884
Delta R.T. -0.01 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	263.0
98	29.7	0.0	130.2

Manual Integrations
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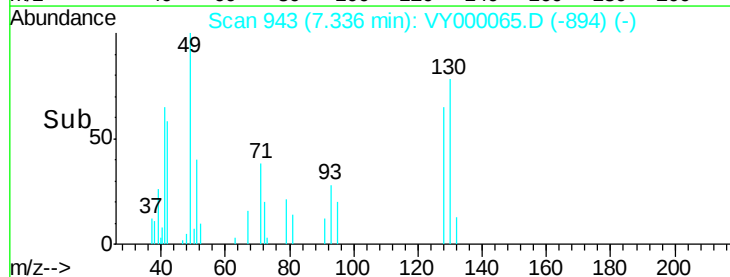
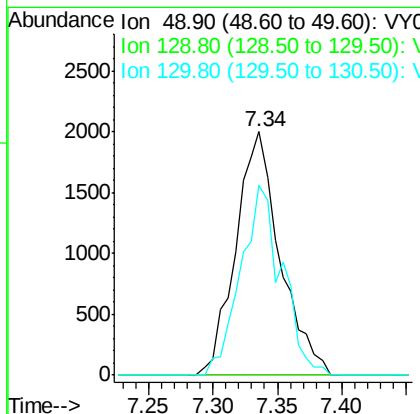
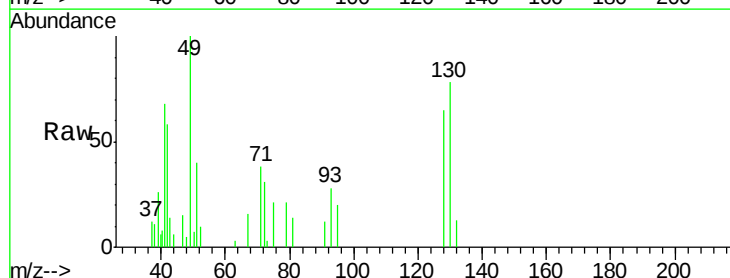
MMDadoda
9/20/2019 12:39:31 AM

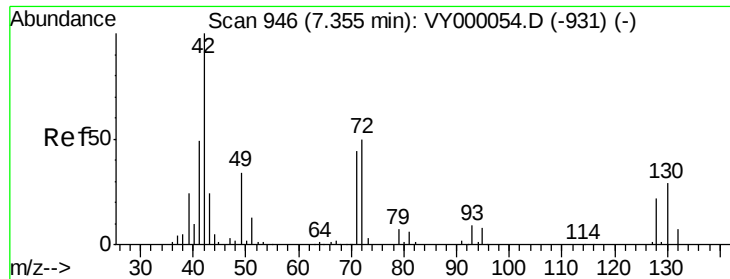


#28

Bromochloromethane
Concen: 5.146 ug/l
RT: 7.34 min Scan# 943
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	72.7	66.2	99.4





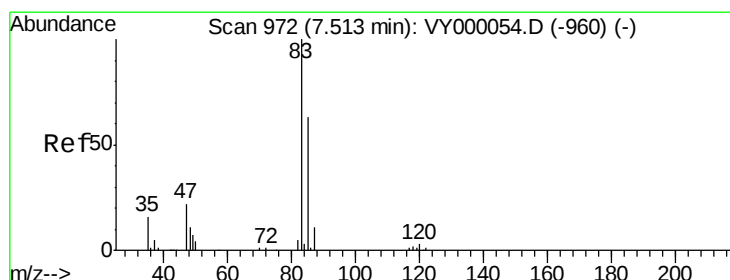
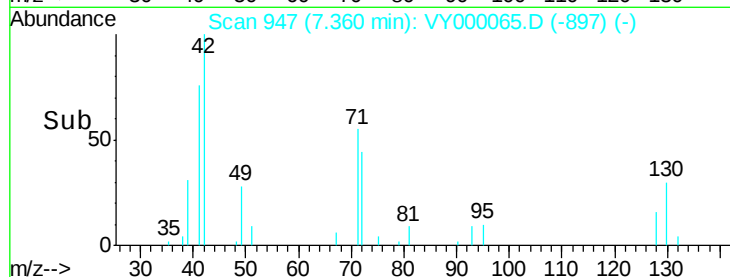
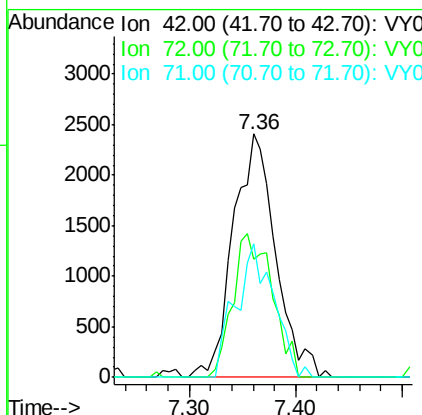
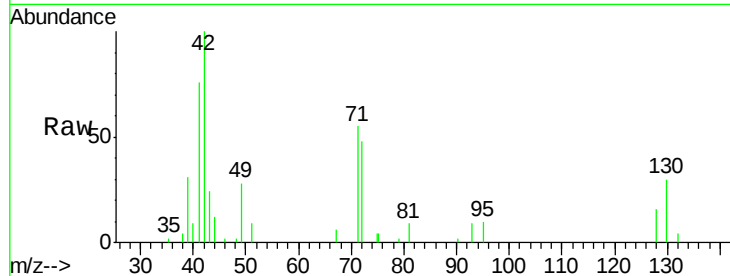
#29
Tetrahydrofuran
Concen: 23.116 ug/l
RT: 7.36 min Scan# 947
Delta R.T. 0.01 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	Ratio	Lower	Upper
42	100		
72	55.0	41.8	62.6
71	49.8	38.6	58.0

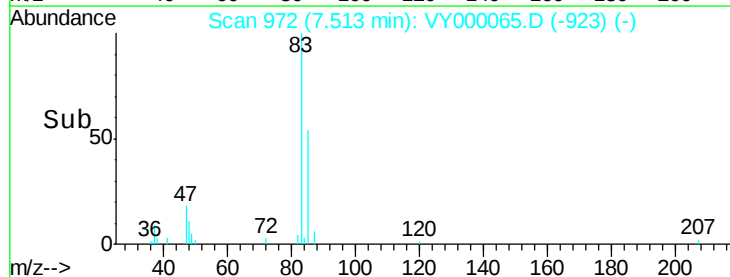
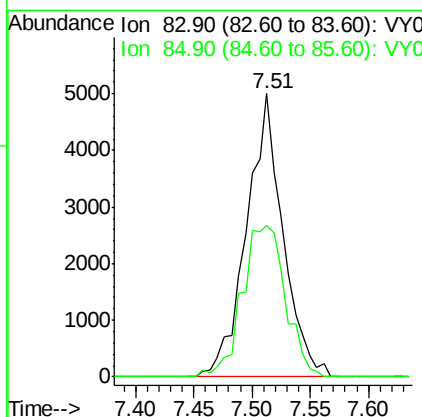
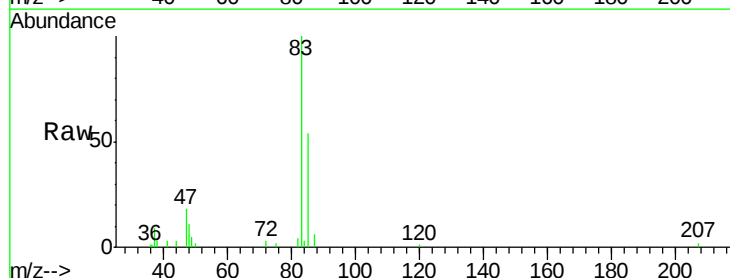
Manual Integrations
APPROVED

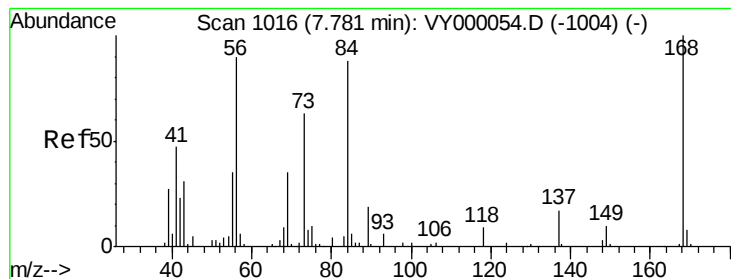
MMDadoda
9/20/2019 12:39:31 AM



#30
Chloroform
Concen: 5.289 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	53.6	50.6	76.0





#31

Cyclohexane

Concen: 6.240 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

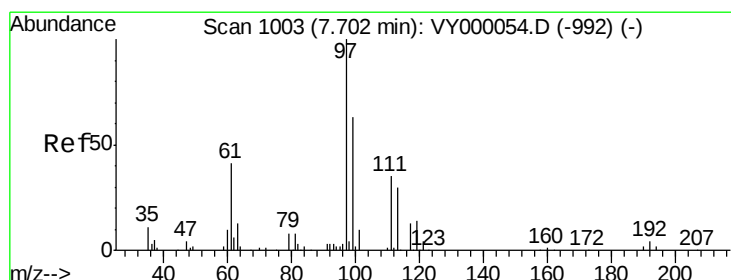
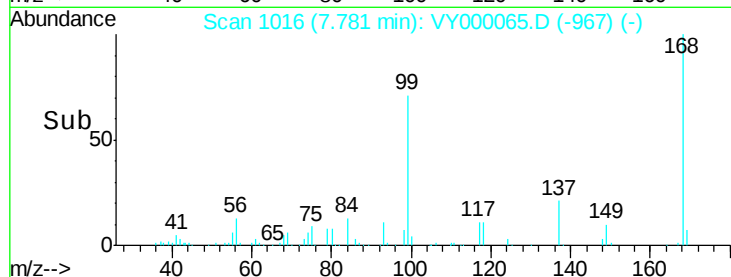
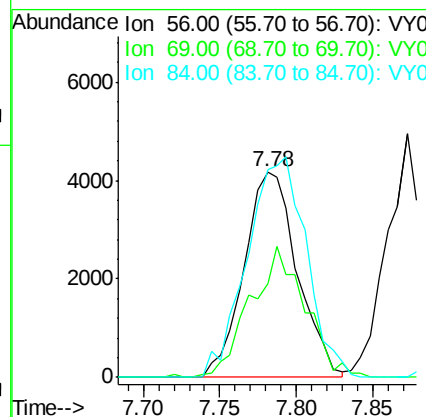
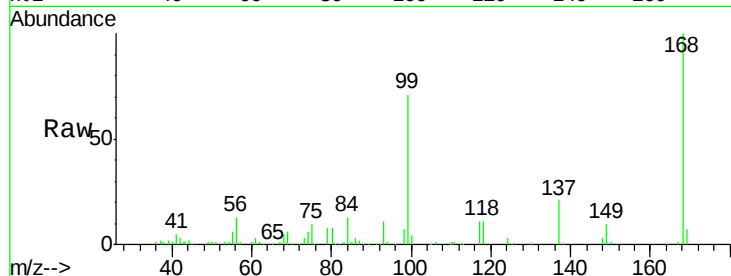
ClientSampleId :

MDL1

Tot Ion:	56	Resp:	10122
Ion	Ratio	Lower	Upper
56	100		
69	46.0	30.9	46.3
84	101.1	78.5	117.7

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 4.480 ug/l

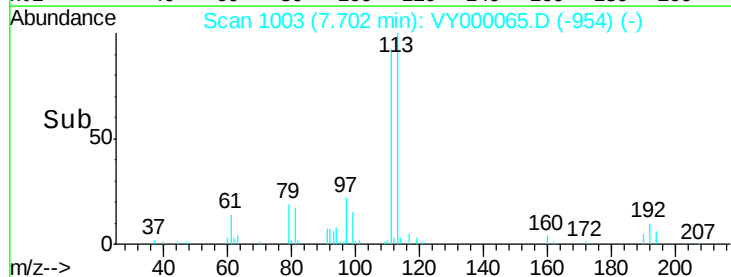
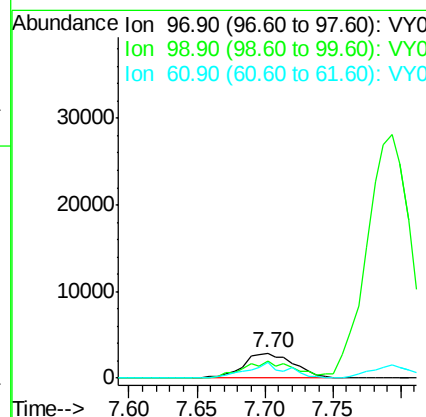
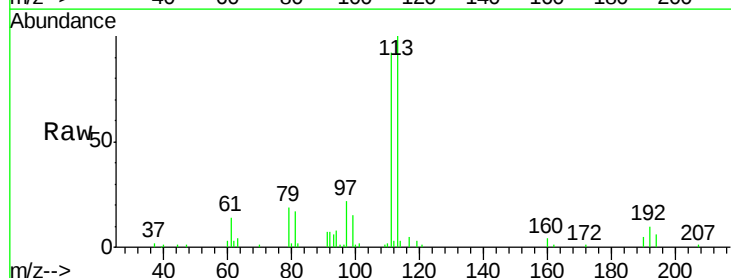
RT: 7.70 min Scan# 1003

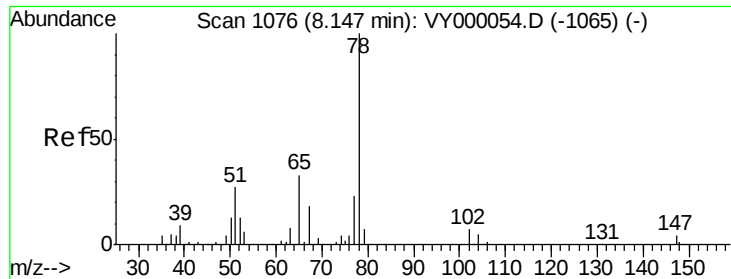
Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Tgt Ion:	97	Resp:	7479
Ion	Ratio	Lower	Upper
97	100		
99	68.2	51.8	77.6
61	49.1	34.3	51.5





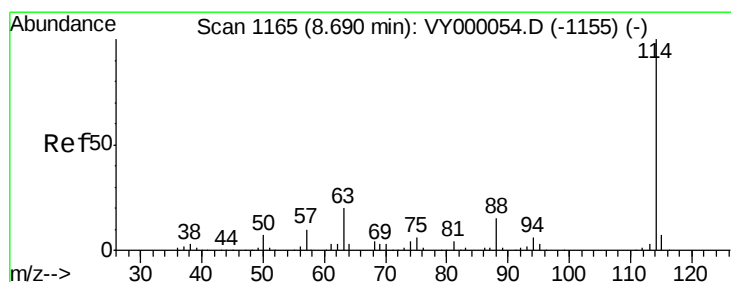
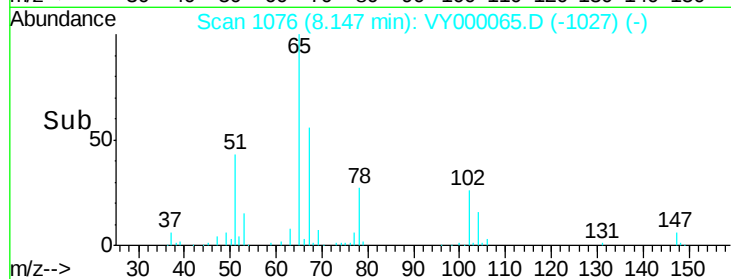
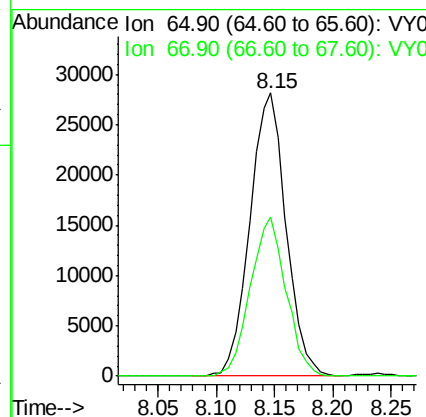
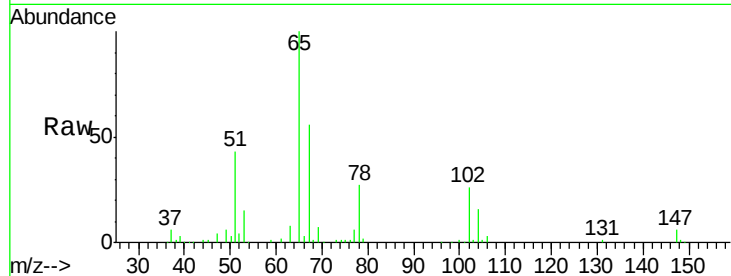
#33
 1,2-Dichloroethane-d4
 Concen: 53.024 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL1

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	111.0

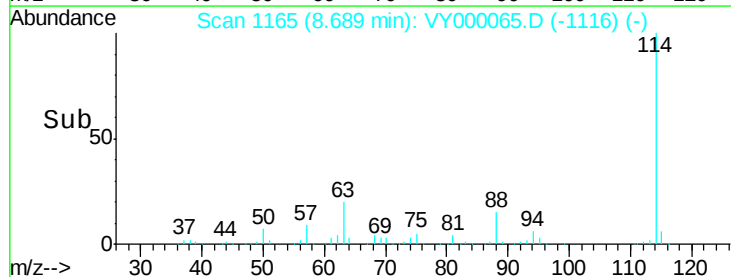
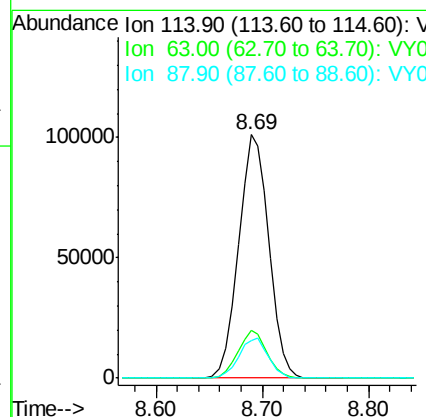
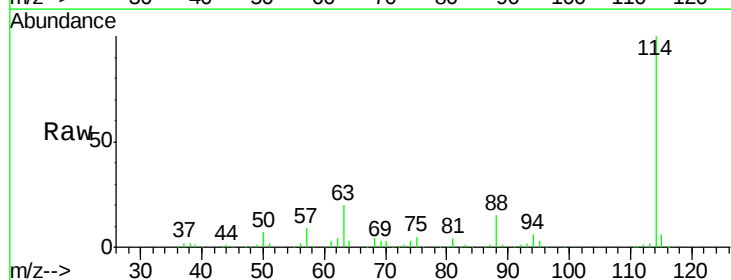
Manual Integrations
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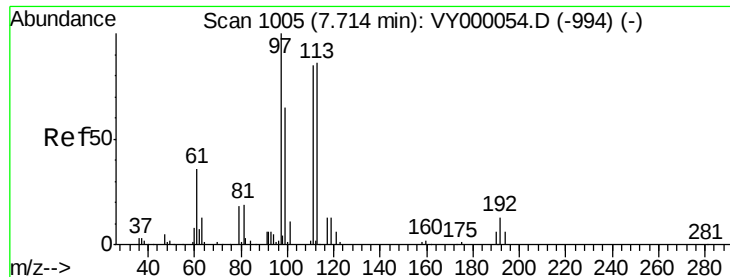
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.4
88	15.3	0.0	30.2





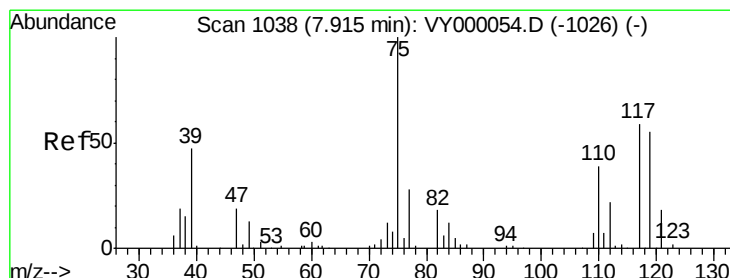
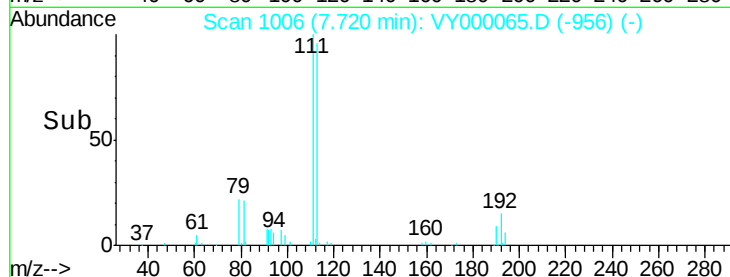
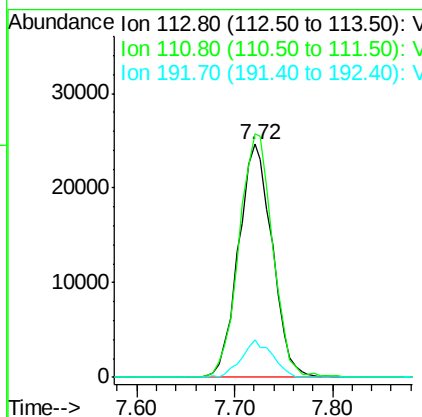
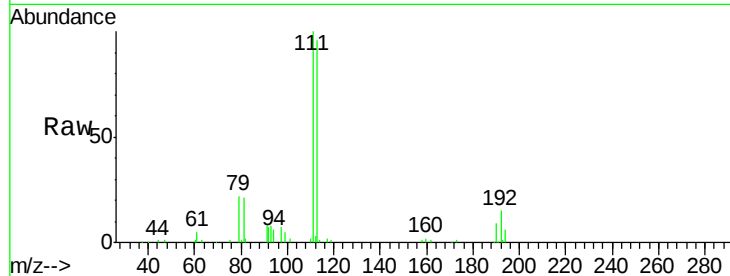
#35
 Dibromofluoromethane
 Concen: 48.418 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL1

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.7	122.5
192	14.8	13.4	20.2

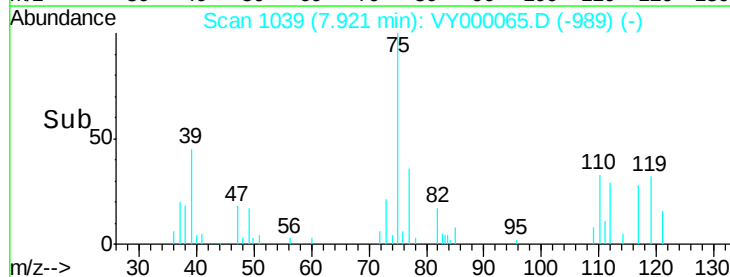
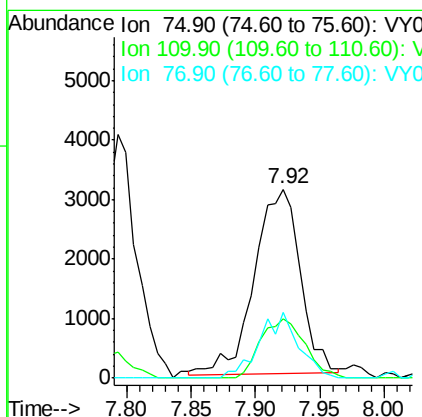
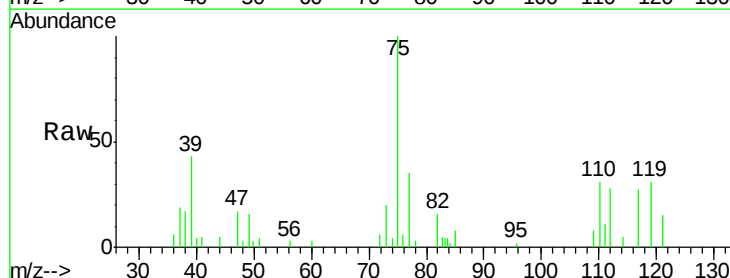
Manual Integrations
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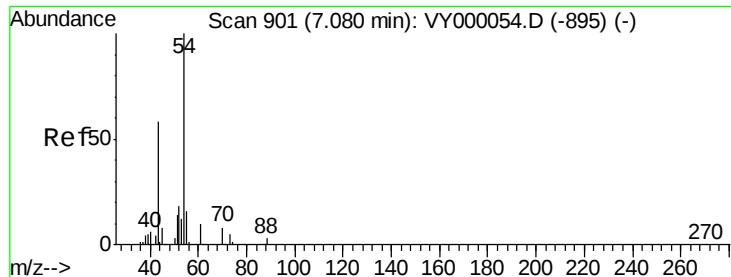
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 9/20/2019 12:39:31 AM



#36
 1,1-Dichloropropene
 Concen: 5.117 ug/l
 RT: 7.92 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.9	19.6	58.7
77	30.2	24.3	36.5





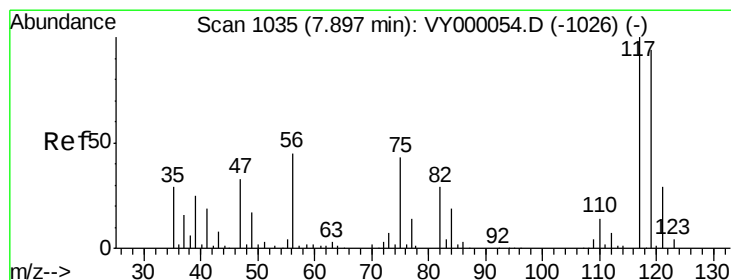
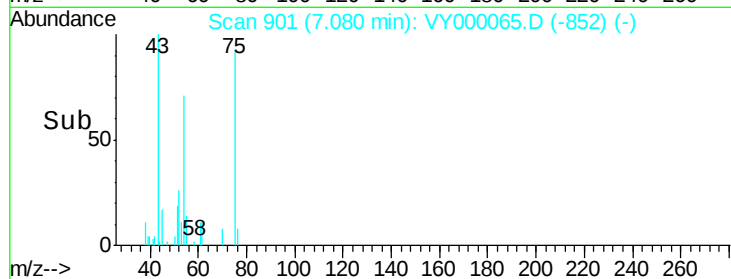
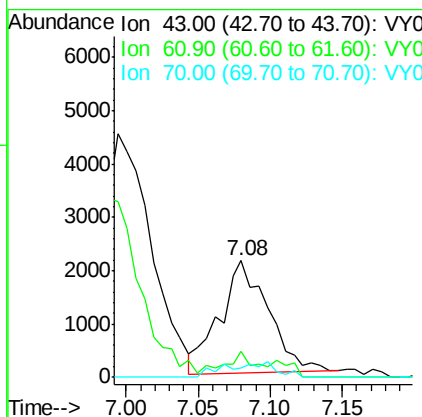
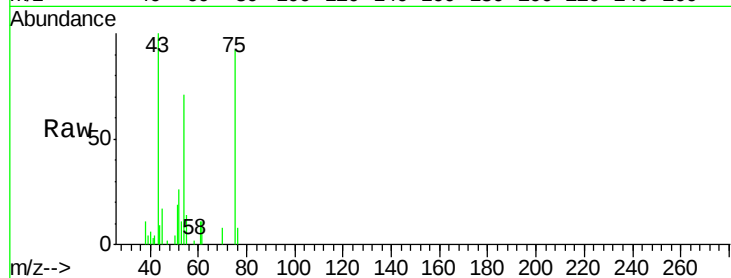
#37
Ethyl Acetate
Concen: 4.904 ug/l
RT: 7.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.1	21.1#
70	5.0	10.6	15.8#

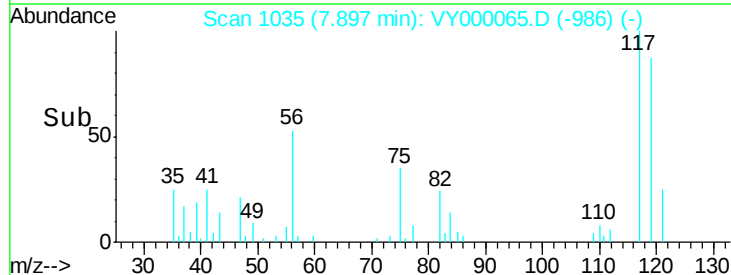
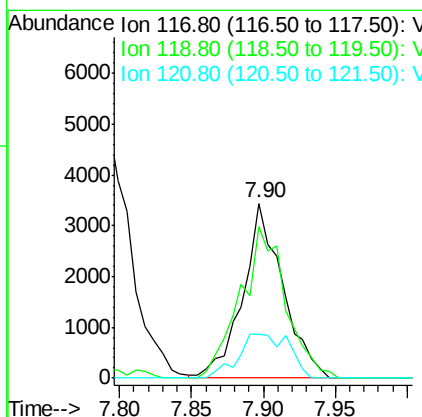
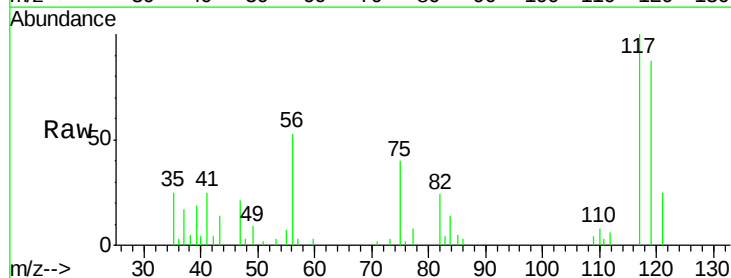
Manual Integrations
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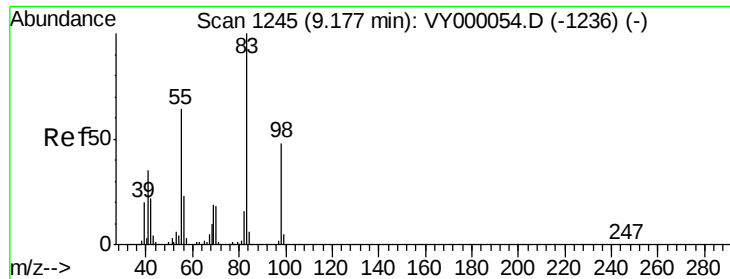
MMDadoda
9/20/2019 12:39:31 AM



#38
Carbon Tetrachloride
Concen: 4.637 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.5	75.0	112.6
121	25.3	22.8	34.2





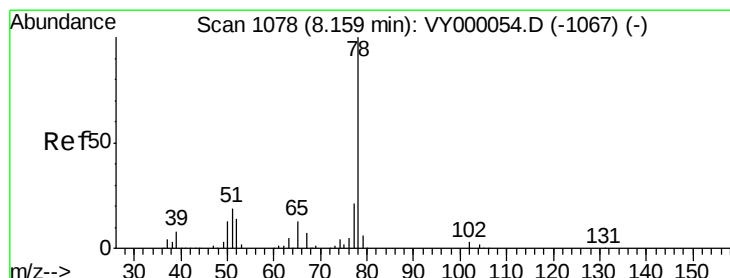
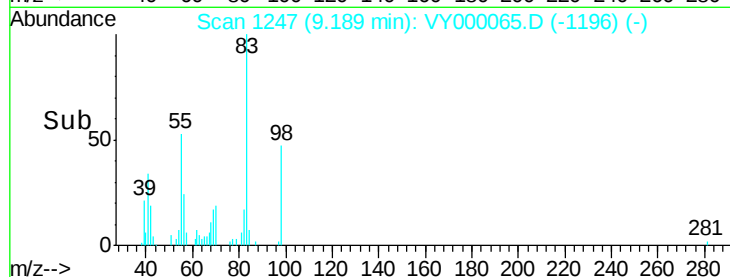
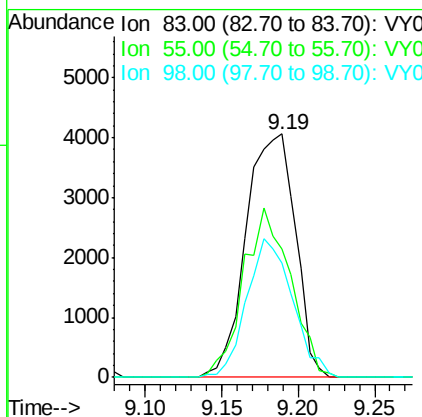
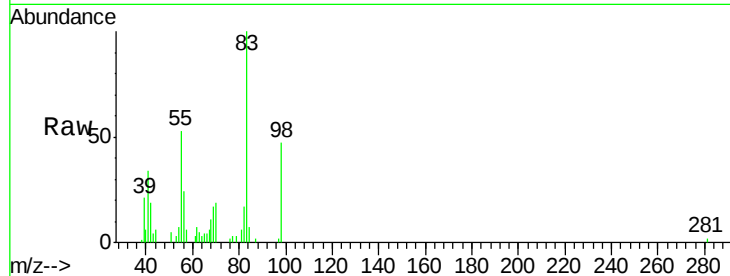
#39
Methvlcvclohexane
Concen: 4.912 ug/l
RT: 9.19 min Scan# 1247
Delta R.T. 0.01 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	83	Resp	9084
Ion	Ratio	Lower	Upper
83	100		
55	52.7	51.0	76.6
98	46.7	38.5	57.7

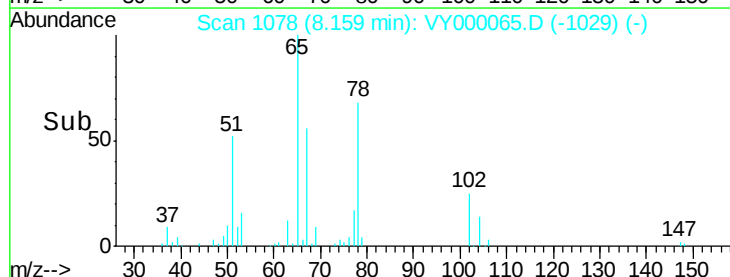
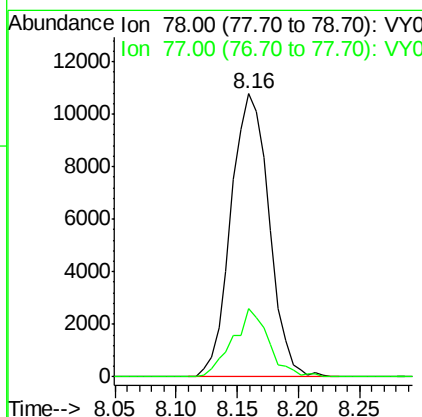
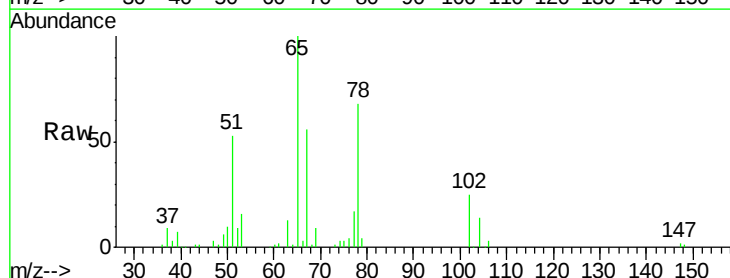
Manual Integrations
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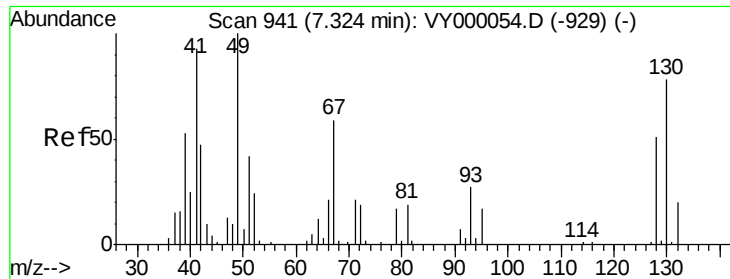
MMDadoda
9/20/2019 12:39:31 AM



#40
Benzene
Concen: 4.691 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion	78	Resp	23301
Ion	Ratio	Lower	Upper
78	100		
77	24.3	16.8	25.2





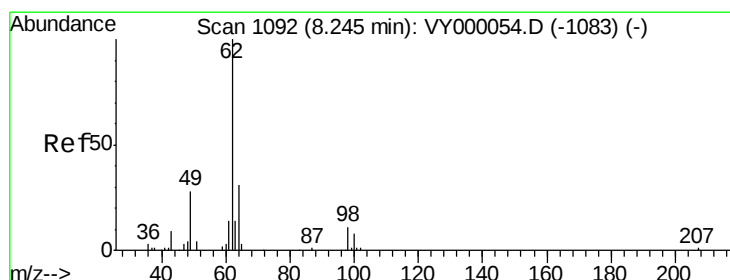
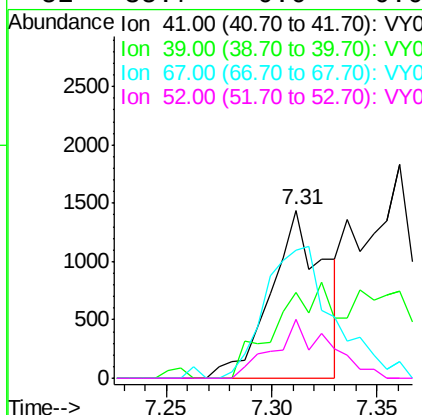
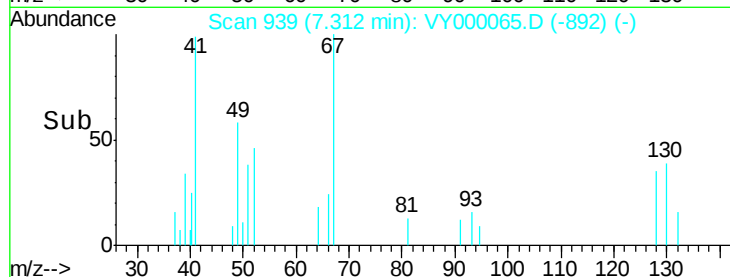
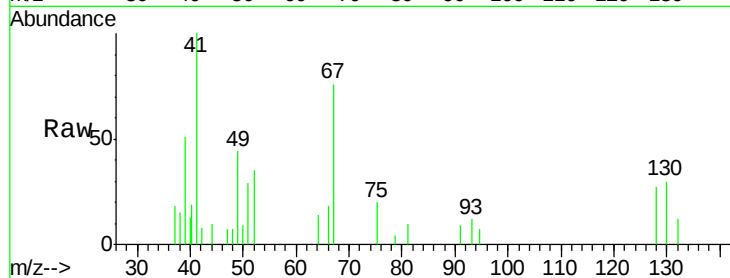
#41
Methacrylonitrile
Concen: 4.234 ug/l m
RT: 7.31 min Scan# 939
Delta R.T. -0.01 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.3	91.8	137.6#
67	100.3	0.0	0.0#
52	35.7	0.0	0.0#

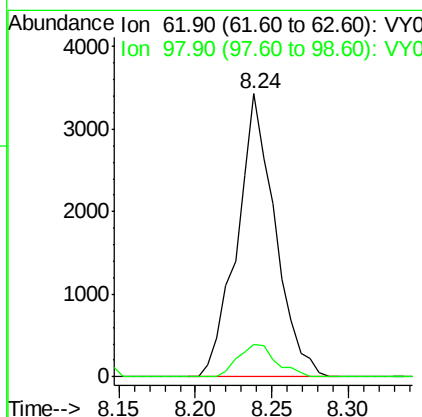
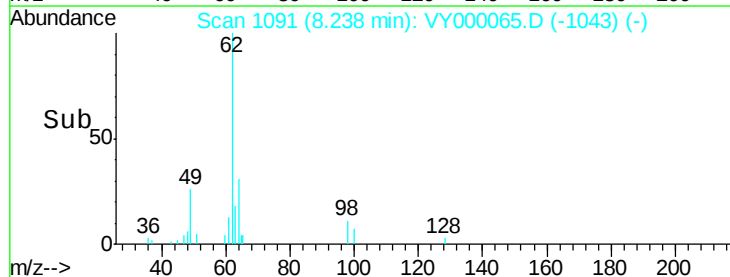
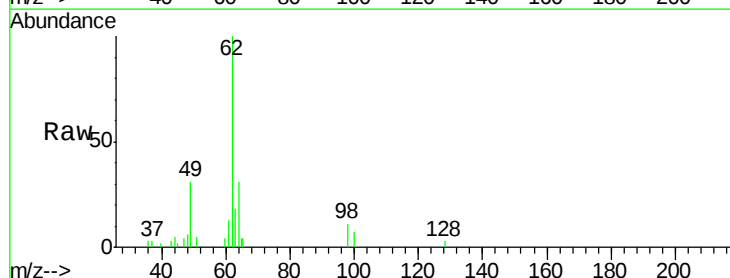
Manual Integrations
APPROVED

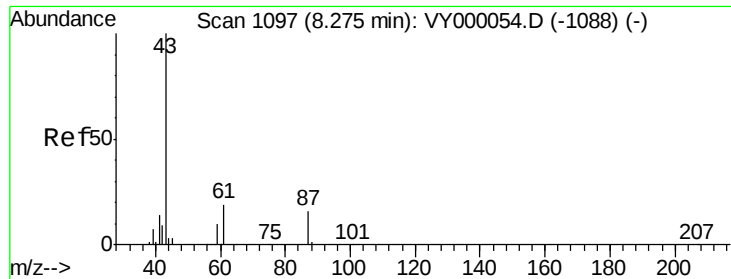
MMDadoda
9/20/2019 12:39:31 AM



#42
1,2-Dichloroethane
Concen: 4.491 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	23.6





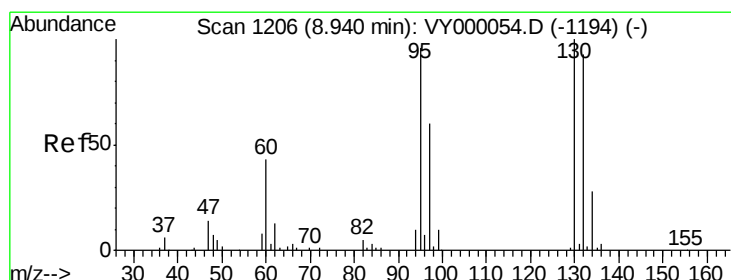
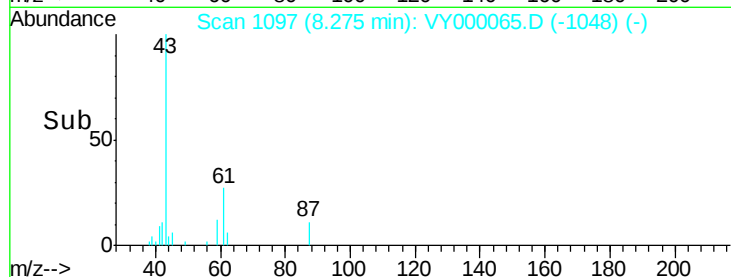
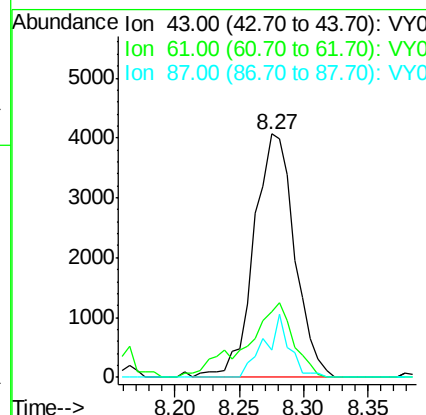
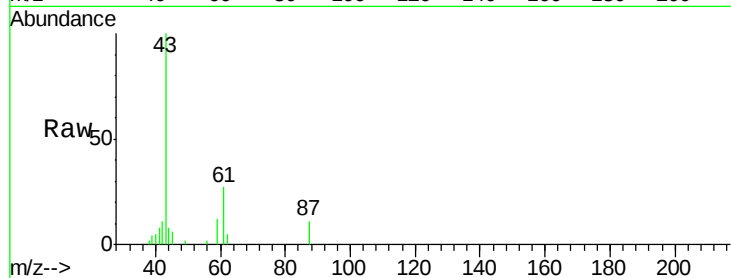
#43
Isopropyl Acetate
Concen: 4.521 ug/l
RT: 8.27 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	Ratio	Lower	Upper
43	100		
61	35.7	25.0	37.6
87	15.9	12.4	18.6

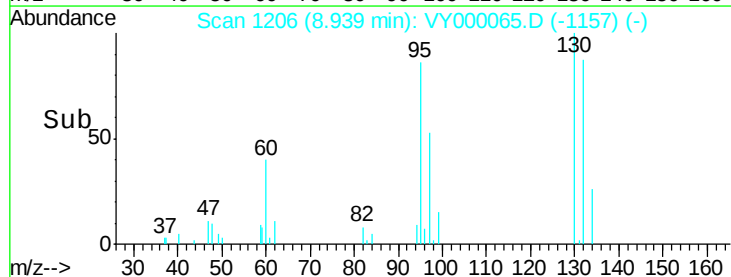
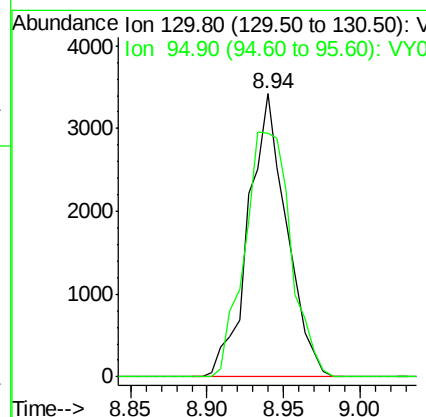
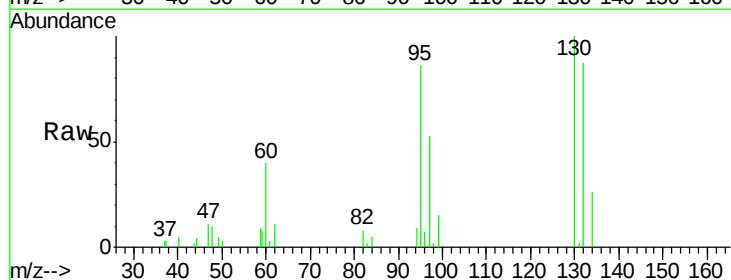
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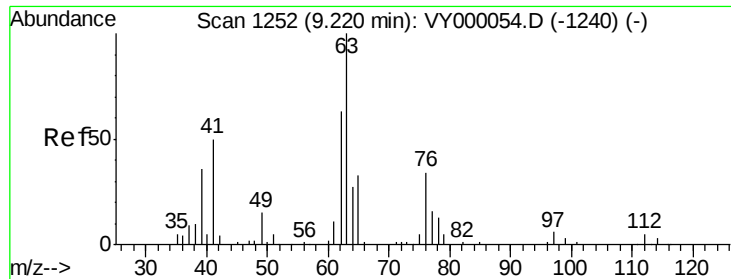
MMDadoda
9/20/2019 12:39:31 AM



#44
Trichloroethene
Concen: 4.697 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.0	0.0	192.0





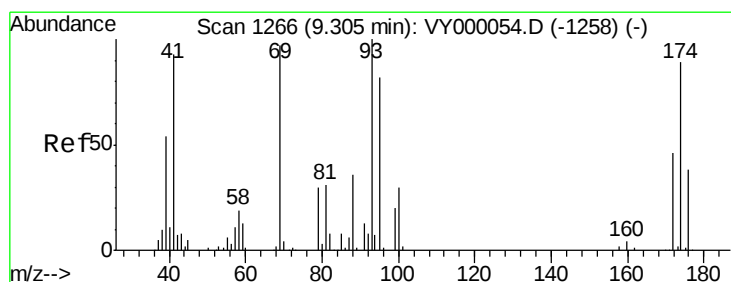
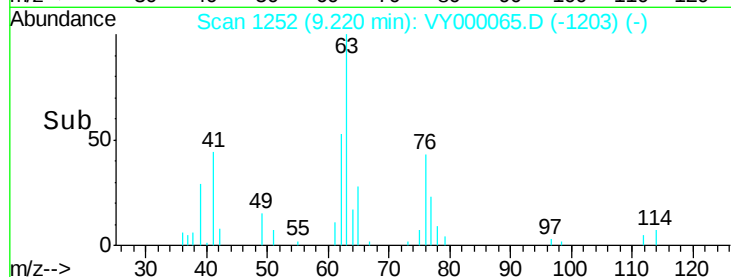
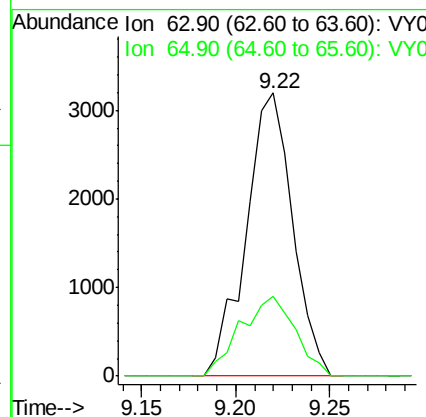
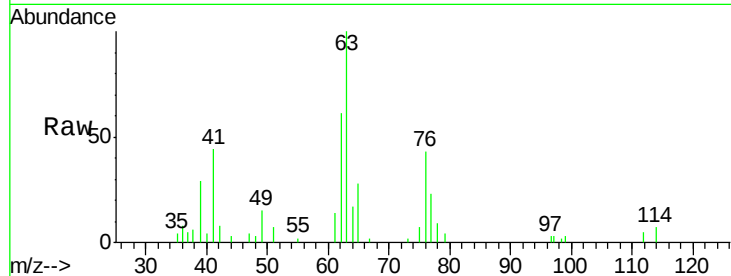
#45
 1,2-Dichloropropane
 Concen: 4.252 ug/l
 RT: 9.22 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL1

Tot Ion: 63 Resp: 5471
 Ion Ratio Lower Upper
 63 100
 65 28.1 26.2 39.4

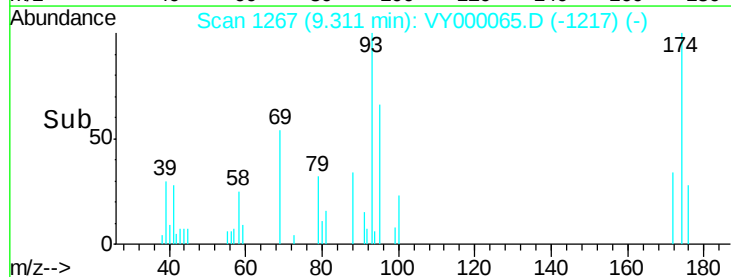
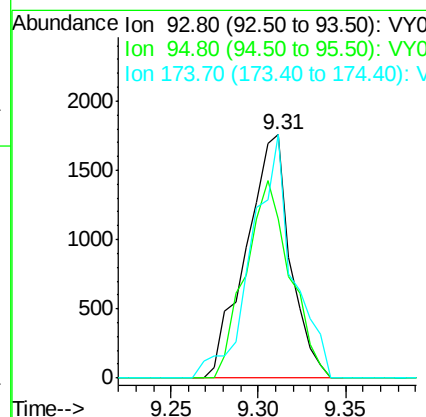
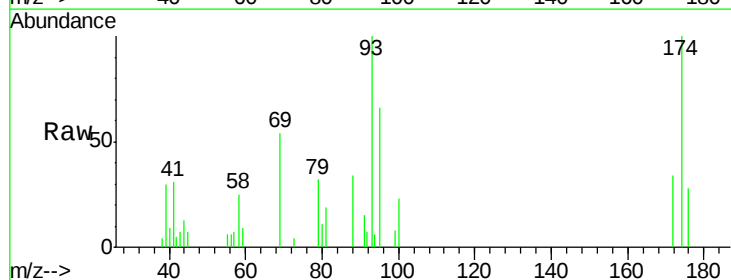
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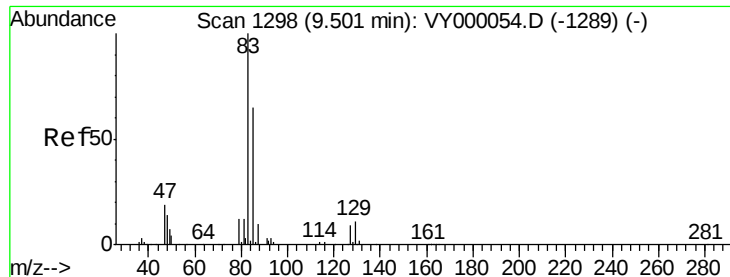
MMDadoda
 9/20/2019 12:39:31 AM



#46
 Dibromomethane
 Concen: 4.401 ug/l
 RT: 9.31 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Tgt Ion: 93 Resp: 3093
 Ion Ratio Lower Upper
 93 100
 95 81.8 68.1 102.1
 174 93.2 67.8 101.6





#47

Bromodichloromethane

Concen: 4.175 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. -0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

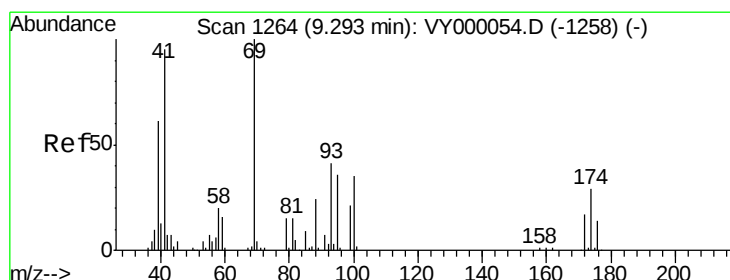
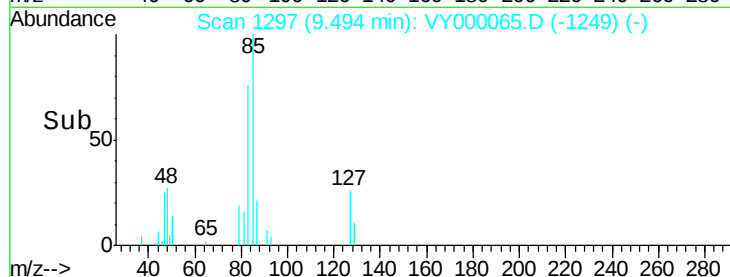
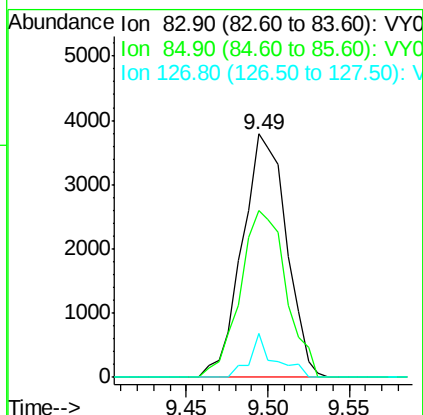
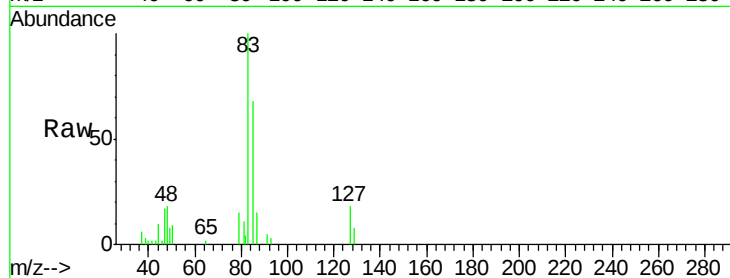
ClientSampled :

MDL1

Tot Ion:	83	Resp:	7120
Ion	Ratio	Lower	Upper
83	100		
85	68.3	52.3	78.5
127	17.8	6.8	10.2#

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#48

Methyl methacrylate

Concen: 4.285 ug/l

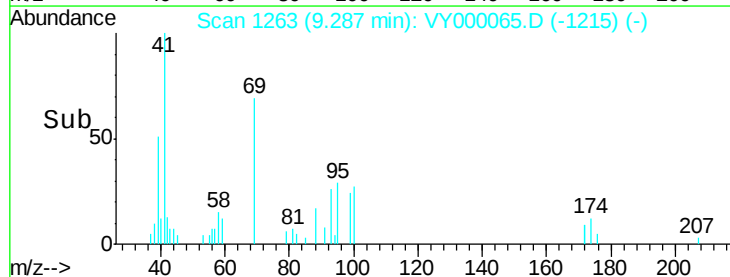
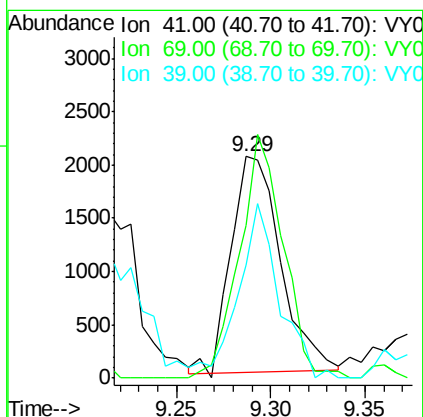
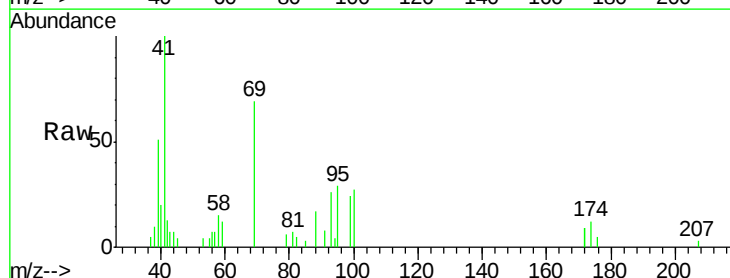
RT: 9.29 min Scan# 1263

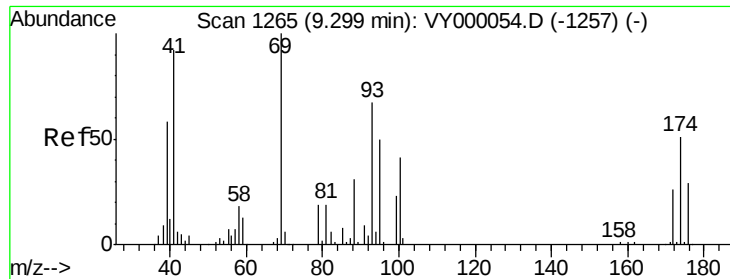
Delta R.T. -0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Tgt Ion:	41	Resp:	3695
Ion	Ratio	Lower	Upper
41	100		
69	99.8	78.1	117.1
39	66.6	49.4	74.0





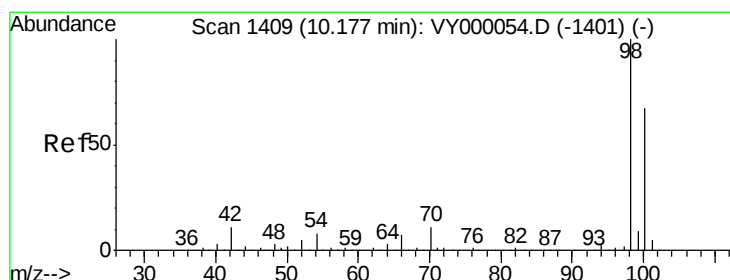
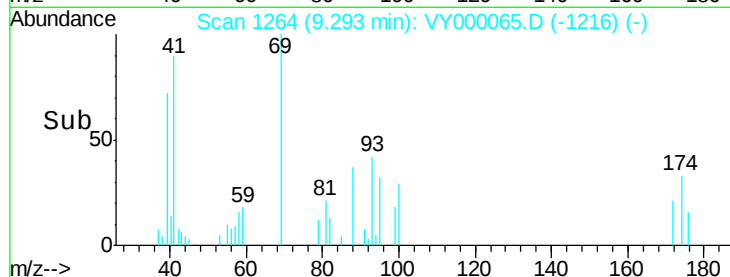
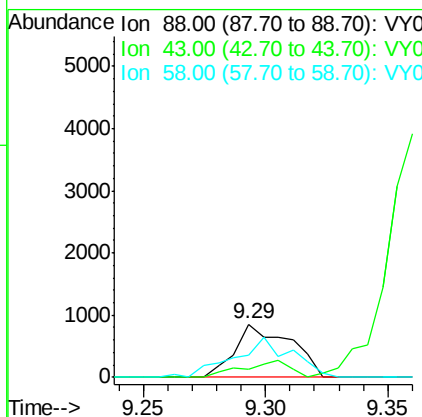
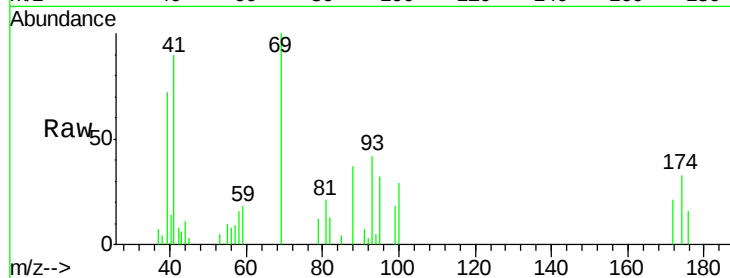
#49
1,4-Dioxane
Concen: 97.906 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	88	Resp	1336
Ion	Ratio	Lower	Upper
88	100		
43	27.2	18.7	28.1
58	78.8	53.0	79.6

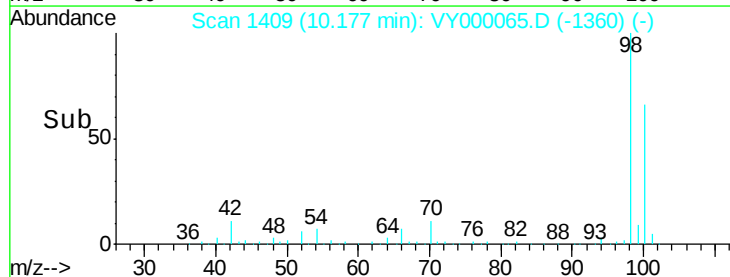
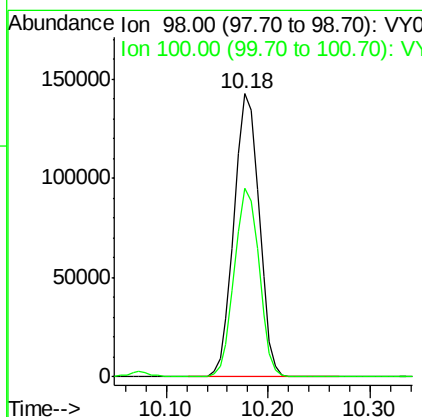
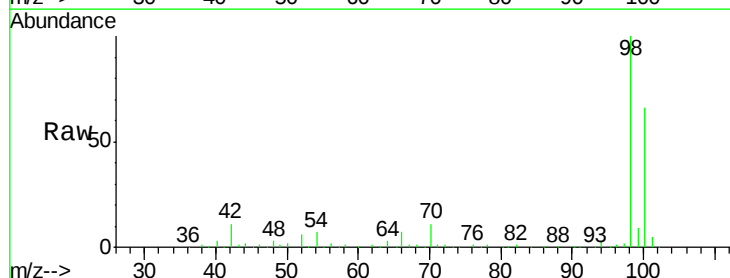
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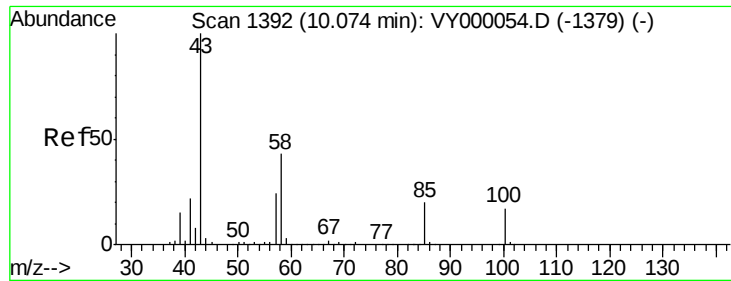
MMDadoda
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#50
Toluene-d8
Concen: 50.964 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion	98	Resp	243765
Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 22.343 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

ClientSampleId :

MDL1

Tot Ion: 43 Resp: 23916

Ion Ratio Lower Upper

43 100

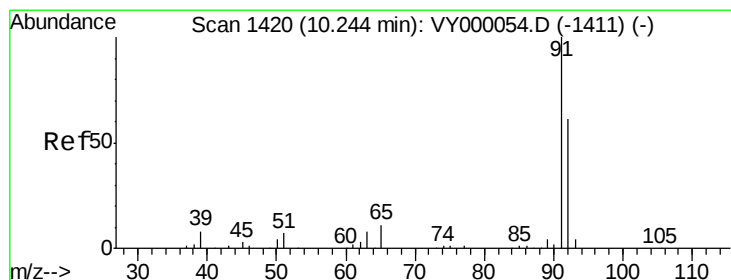
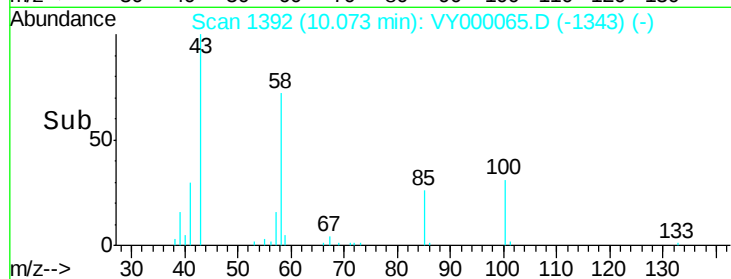
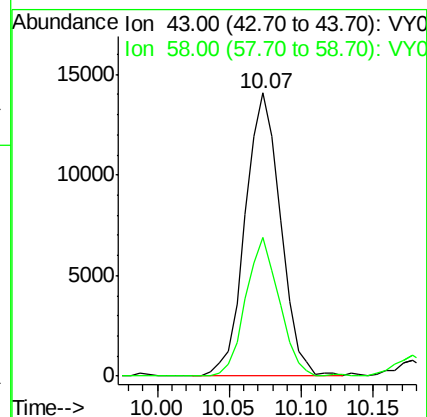
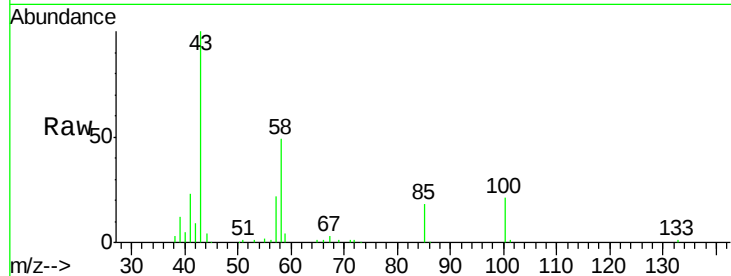
58 46.3 34.2 51.2

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#52

Toluene

Concen: 4.778 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VY000065.D

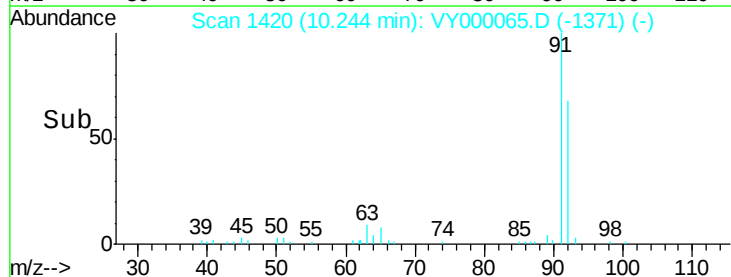
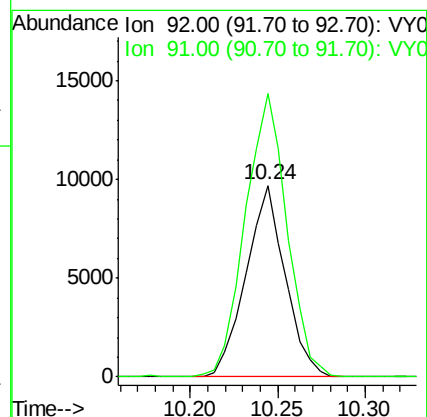
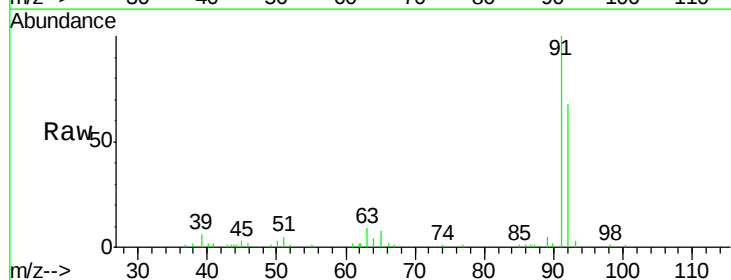
Acq: 18 Sep 2019 17:04

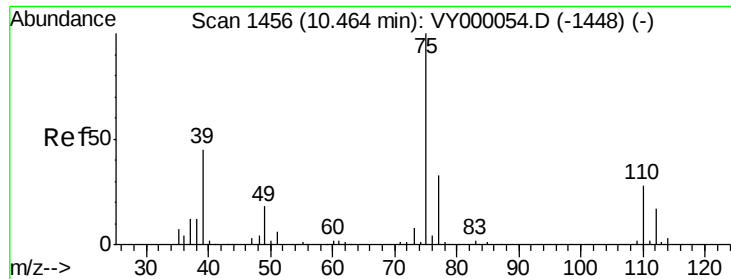
Tgt Ion: 92 Resp: 15079

Ion Ratio Lower Upper

92 100

91 157.3 135.8 203.6





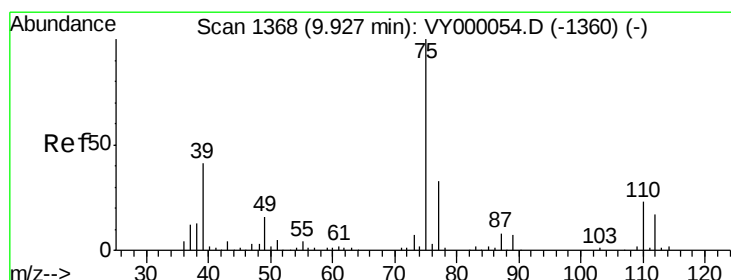
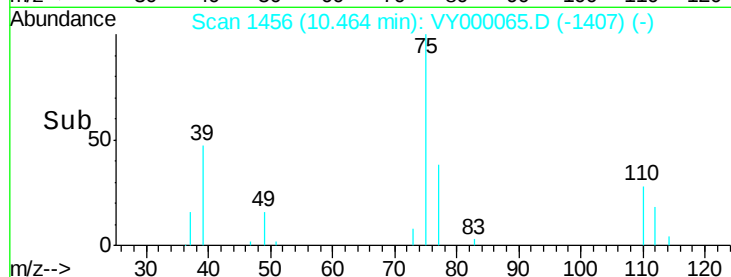
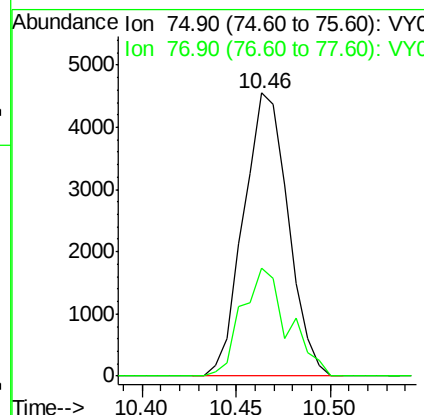
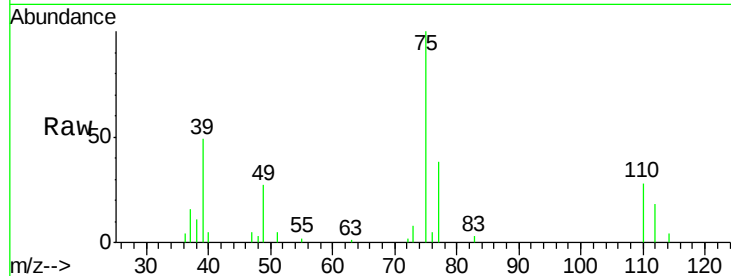
#53
t-1,3-Dichloropropene
Concen: 4.138 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion: 75 Resp: 7483
Ion Ratio Lower Upper
75 100
77 38.1 26.2 39.2

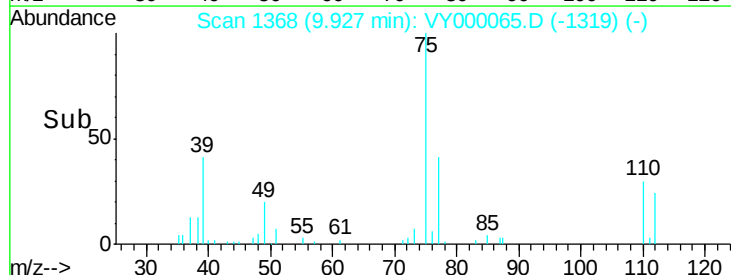
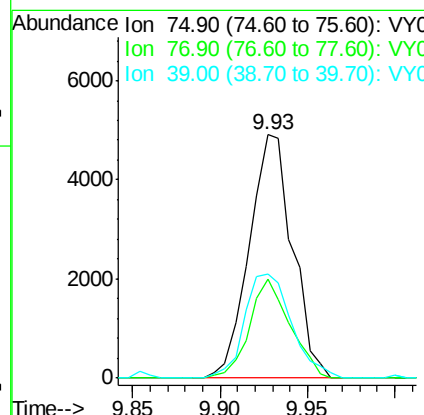
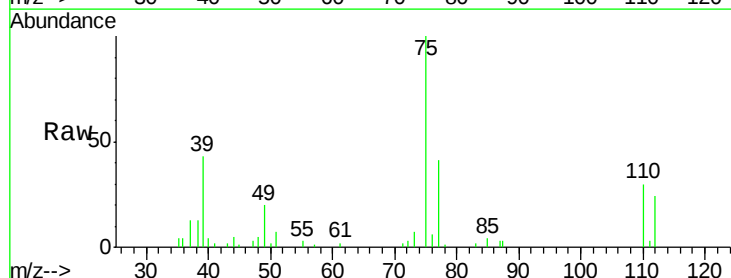
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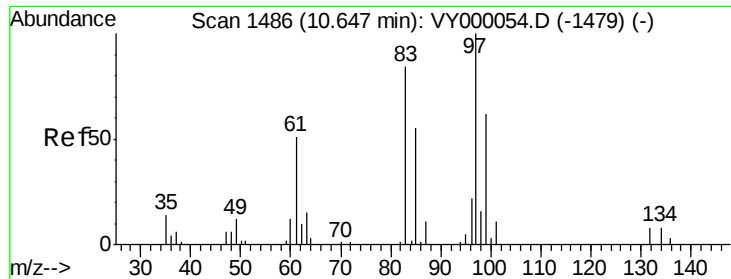
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#54
cis-1,3-Dichloropropene
Concen: 4.038 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion: 75 Resp: 8433
Ion Ratio Lower Upper
75 100
77 40.6 26.1 39.1#
39 42.7 33.1 49.7





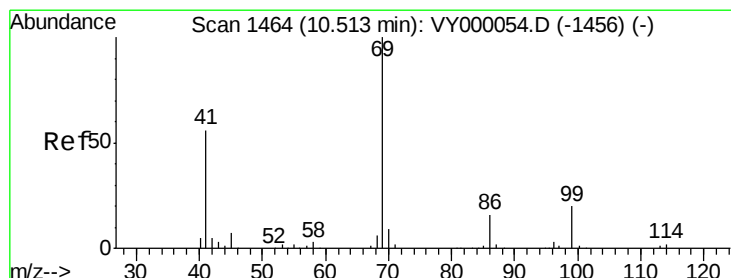
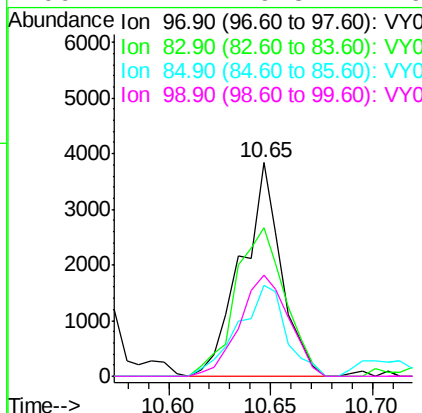
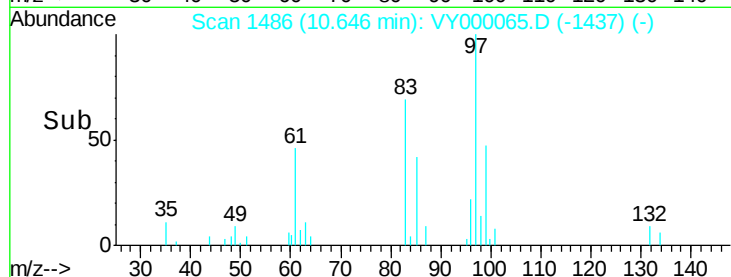
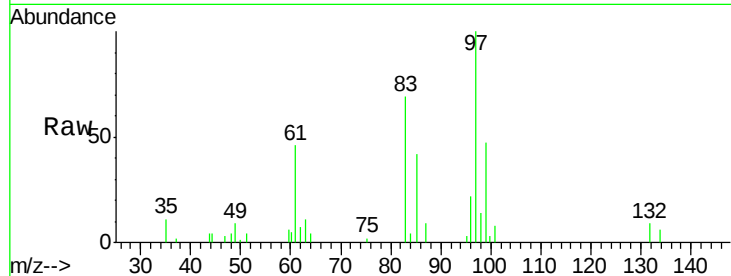
#55
 1,1,2-Trichloroethane
 Concen: 4.724 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL1

Tot Ion:	97	Resp:	5205
Ion	Ratio	Lower	Upper
97	100		
83	69.5	67.3	100.9
85	42.4	43.6	65.4#
99	47.1	49.8	74.6#

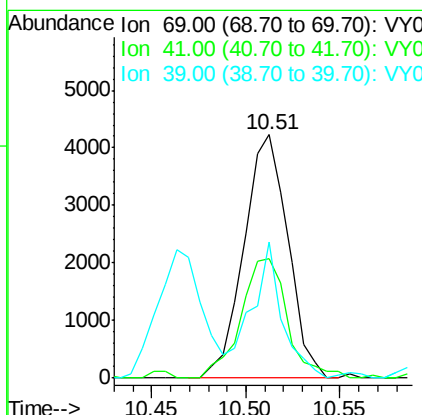
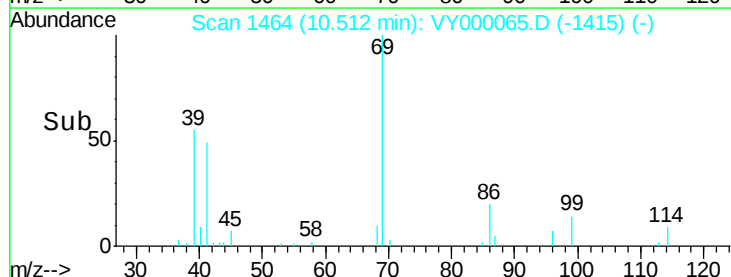
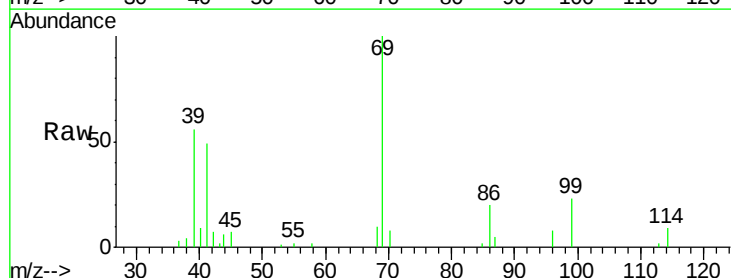
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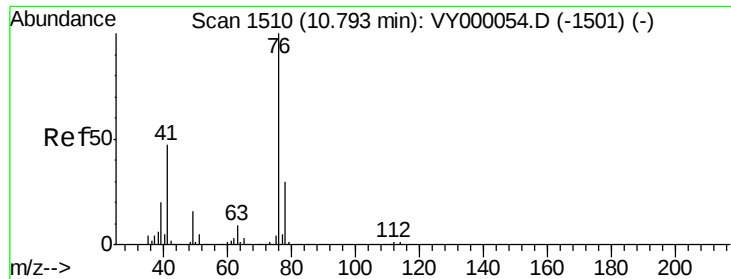
MMDadoda
 9/20/2019 12:39:31 AM



#56
 Ethyl methacrylate
 Concen: 4.354 ug/l
 RT: 10.51 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Tgt Ion:	69	Resp:	6827
Ion	Ratio	Lower	Upper
69	100		
41	52.1	45.6	68.4
39	39.3	27.3	40.9





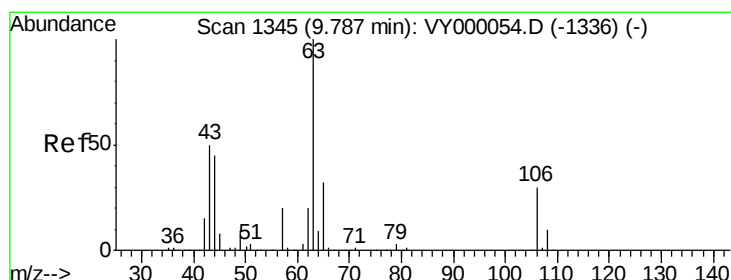
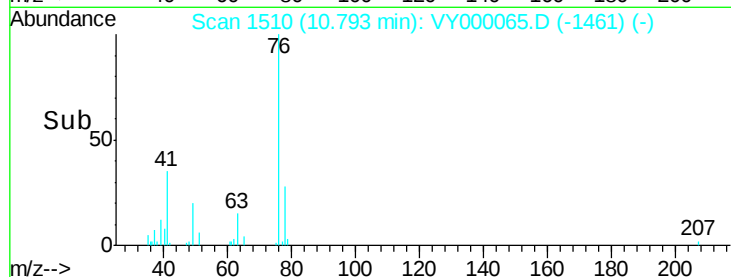
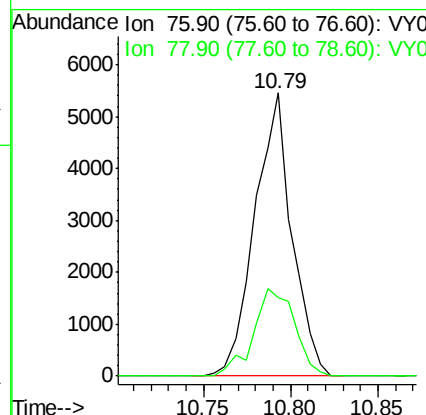
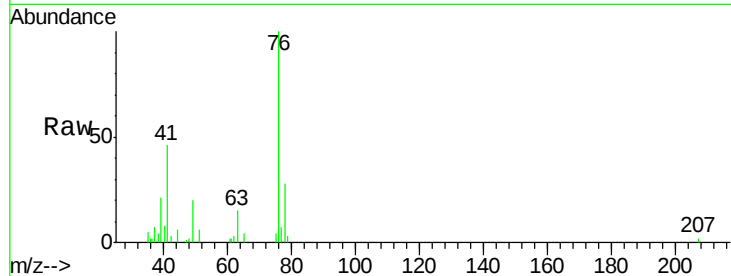
#57
 1,3-Dichloropropane
 Concen: 4.380 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL1

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.3	26.6	40.0

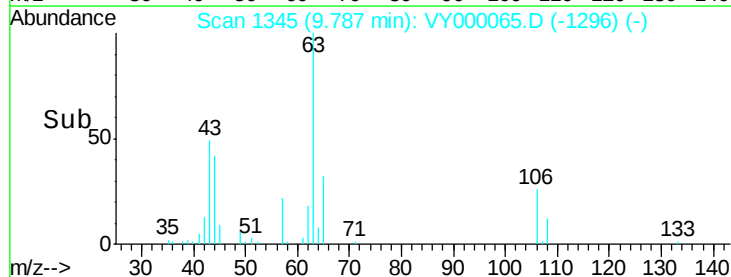
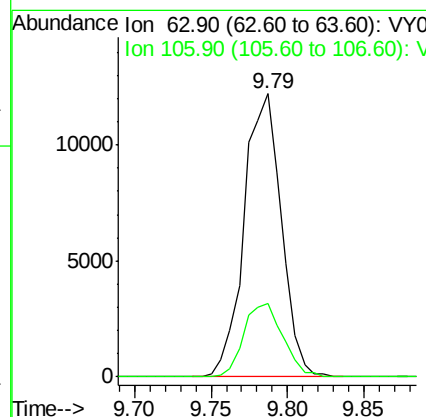
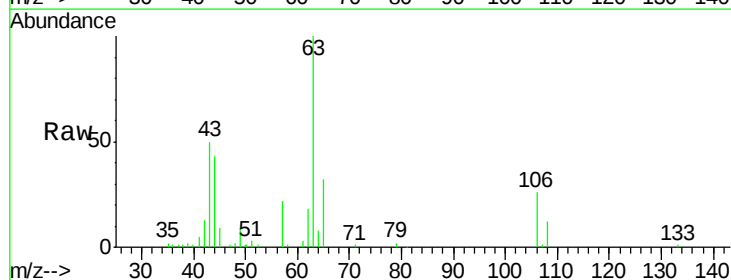
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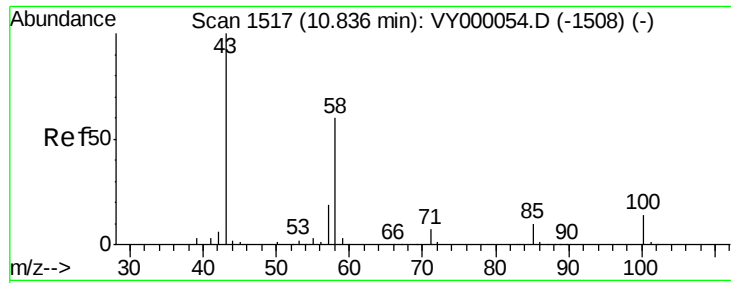
MMDadoda
 9/20/2019 12:39:31 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 24.353 ug/l
 RT: 9.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.3	23.3	34.9





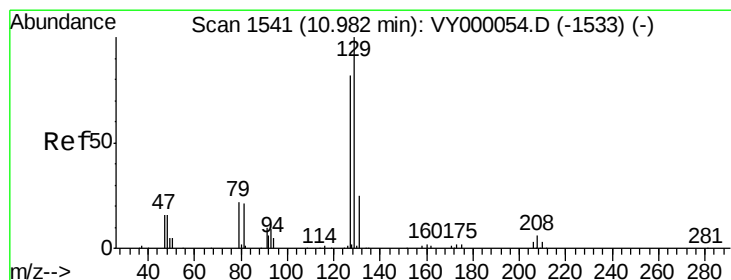
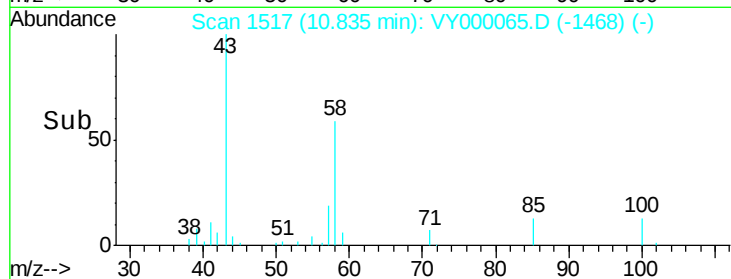
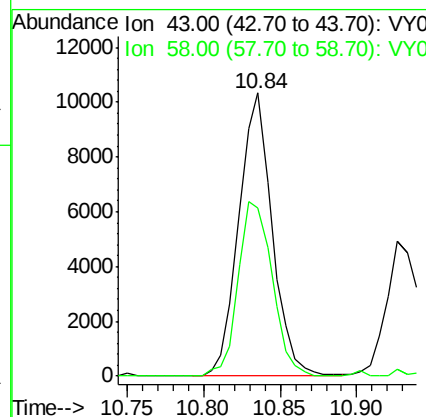
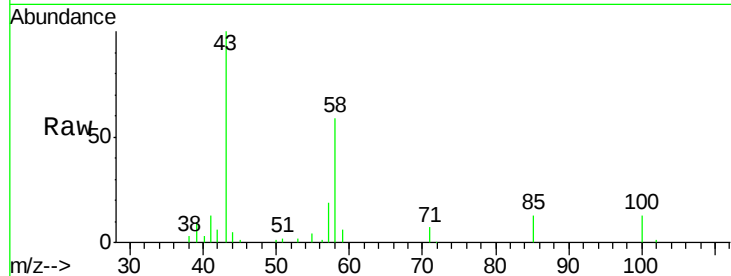
#59
2-Hexanone
Concen: 20.503 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion: 43 Resp: 15657
Ion Ratio Lower Upper
43 100
58 63.0 29.9 89.7

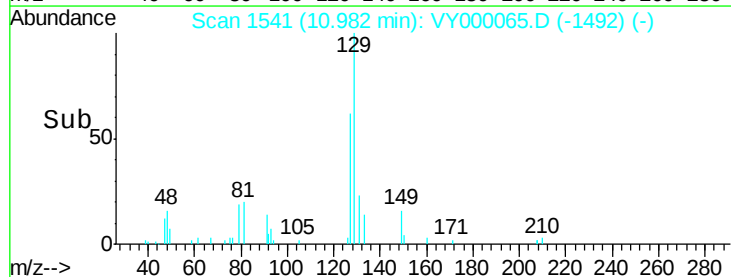
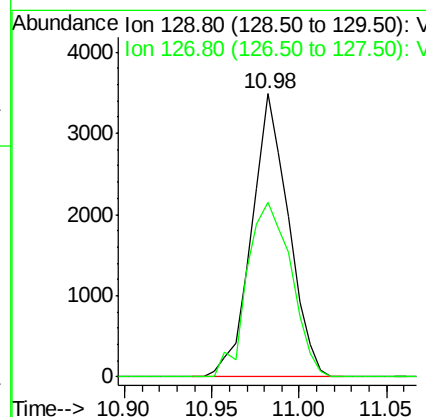
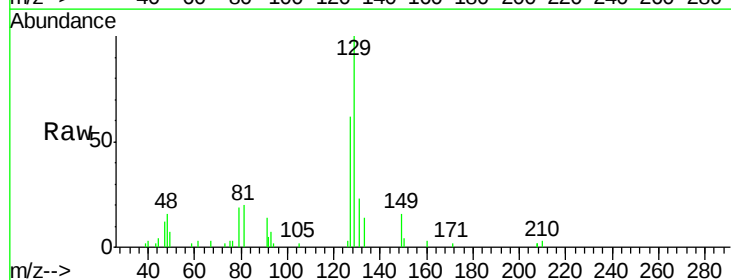
Manual Integrations
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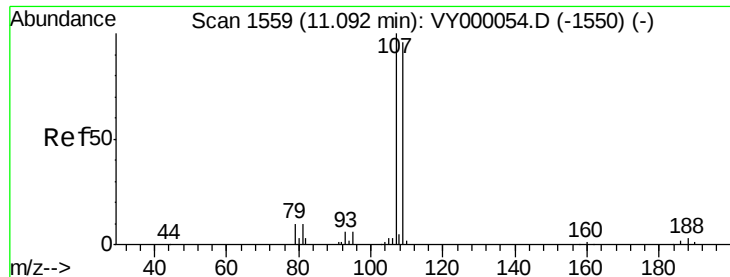
MMDadoda
9/20/2019 12:39:31 AM



#60
Dibromochloromethane
Concen: 4.427 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion: 129 Resp: 5110
Ion Ratio Lower Upper
129 100
127 73.7 40.2 120.6





#61

1,2-Dibromoethane

Concen: 4.766 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. -0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

ClientSampleId :

MDL1

Tot Ion:107 Resp: 4797

Ion Ratio Lower Upper

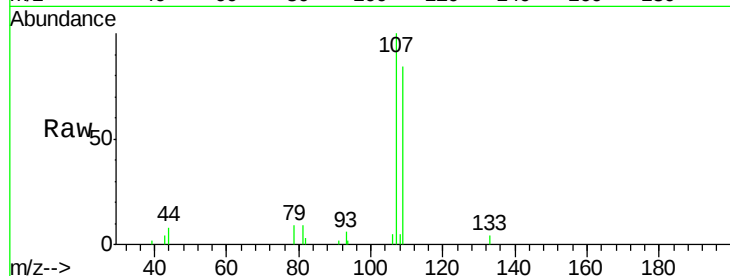
107 100

109 82.1 75.0 112.6

Manual Integrations
APPROVED

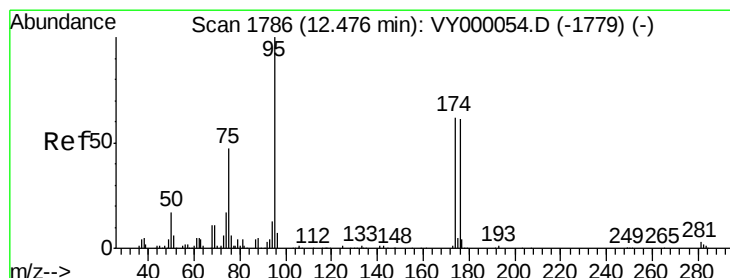
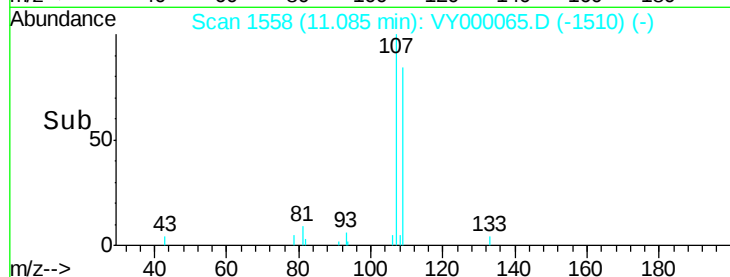
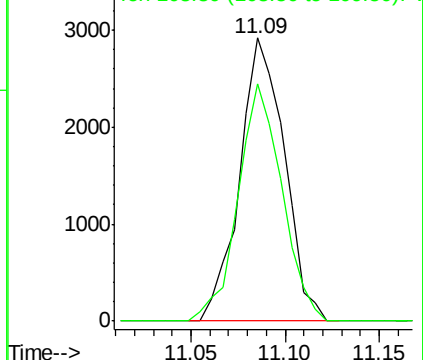
MMDadoda

9/20/2019 12:39:31 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.992 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

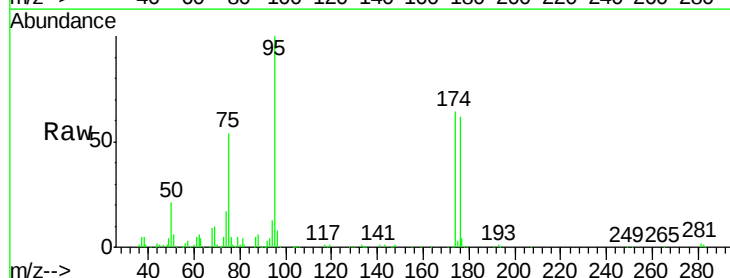
Tgt Ion: 95 Resp: 83450

Ion Ratio Lower Upper

95 100

174 65.9 0.0 137.2

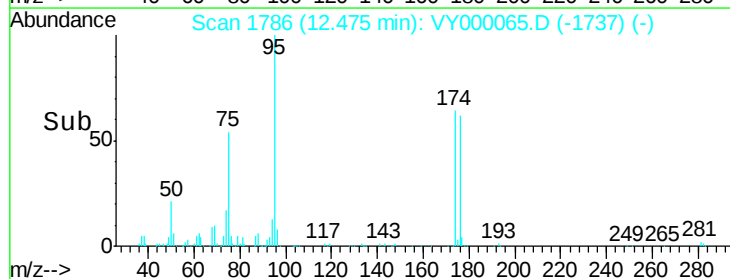
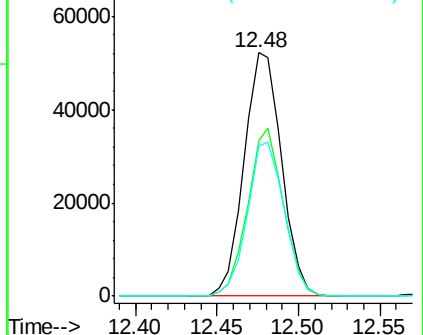
176 62.6 0.0 135.0

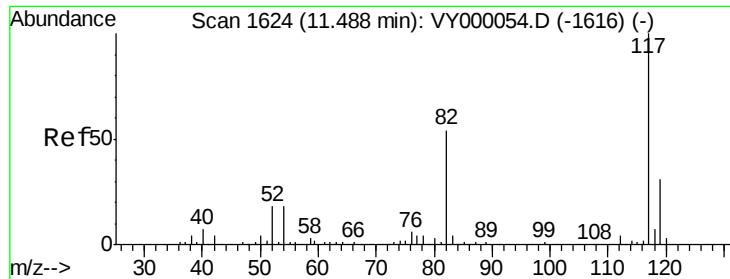


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





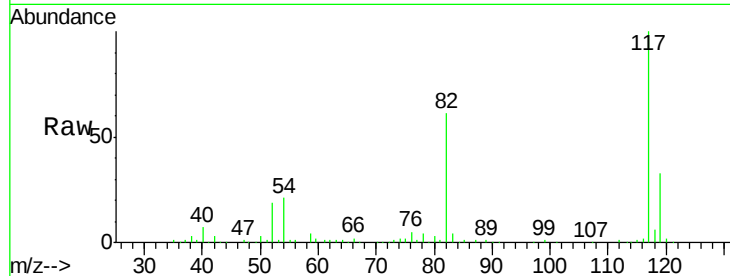
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	Ratio	Resp	Lower	Upper
117	100	174625		
82	60.5	43.5	65.3	
119	33.2	24.6	36.8	

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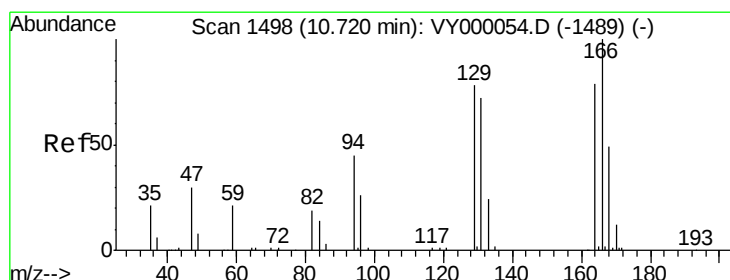
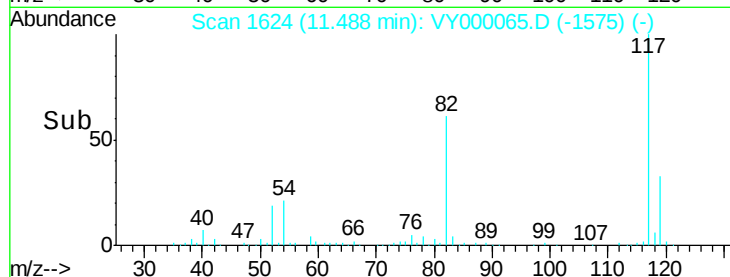
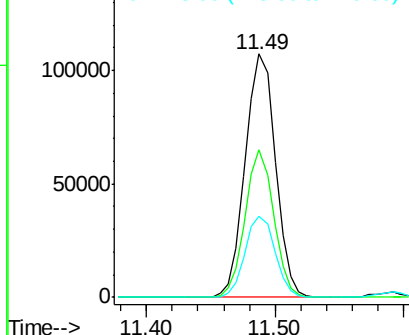


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 4.389 ug/l
RT: 10.73 min Scan# 1499
Delta R.T. 0.01 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	4810		
166	103.7	100.9	151.3	
129	76.7	78.4	117.6#	
131	69.0	72.2	108.2#	

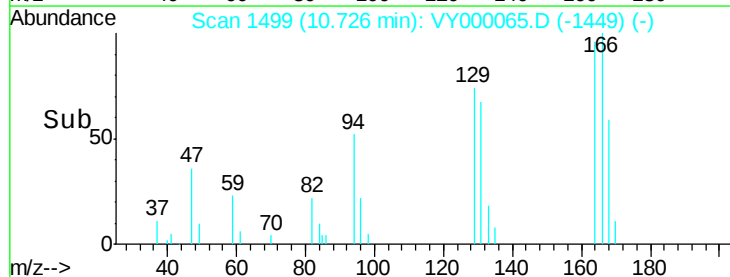
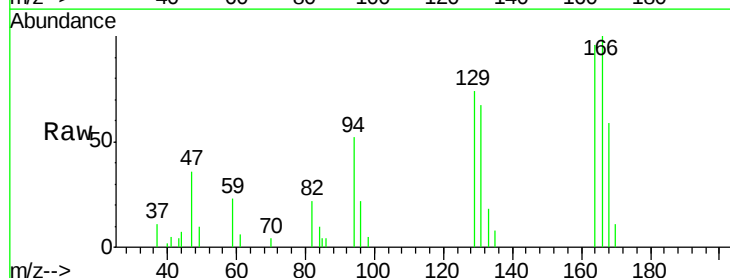
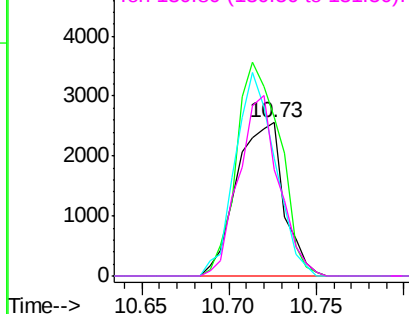
Abundance

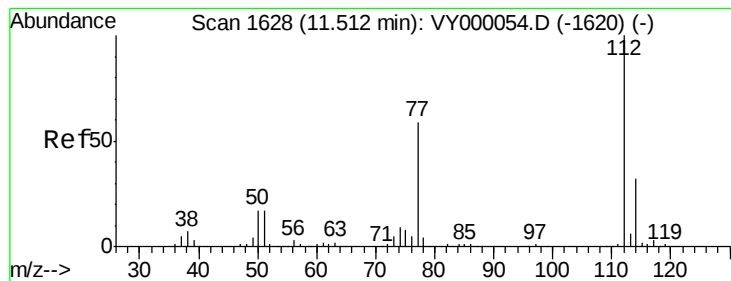
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 4.457 ug/l

RT: 11.51 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

ClientSampled :

MDL1

Tot Ion:112 Resp: 15395

Ion Ratio Lower Upper

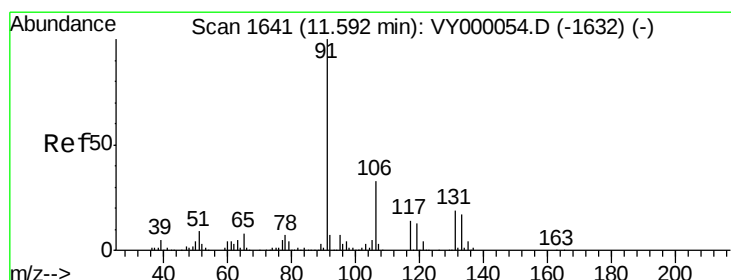
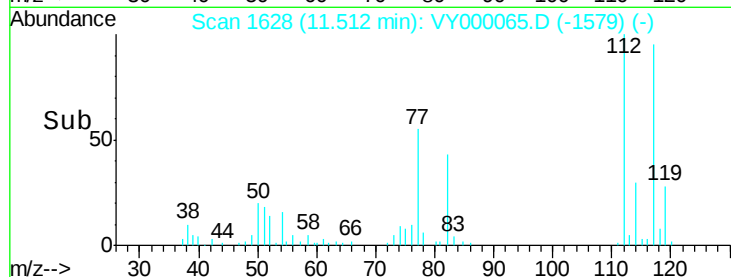
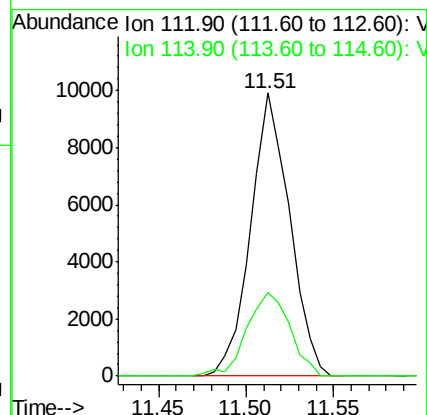
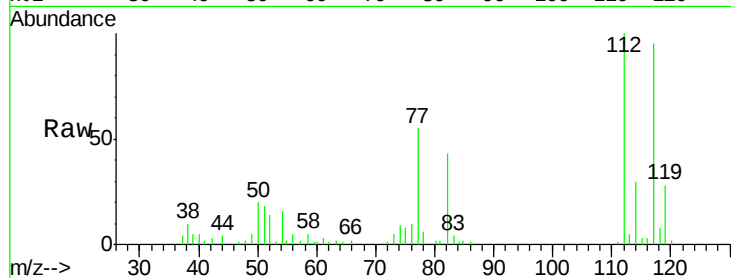
112 100

114 29.5 25.6 38.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 3.963 ug/l

RT: 11.59 min Scan# 1640

Delta R.T. -0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

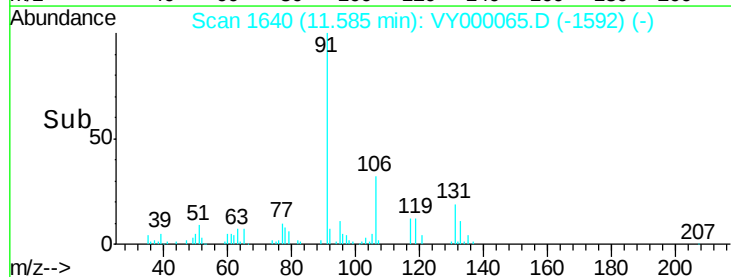
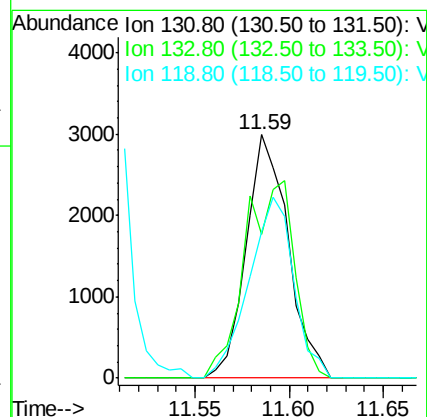
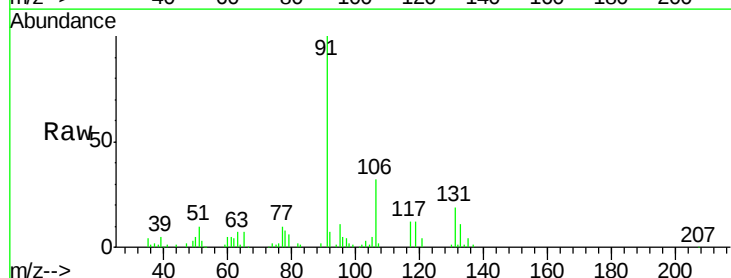
Tgt Ion:131 Resp: 4628

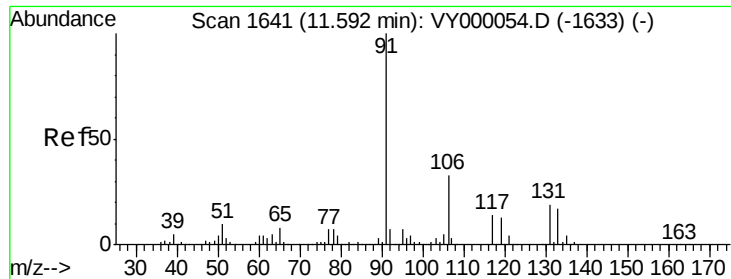
Ion Ratio Lower Upper

131 100

133 95.1 46.6 139.8

119 79.2 36.2 108.6





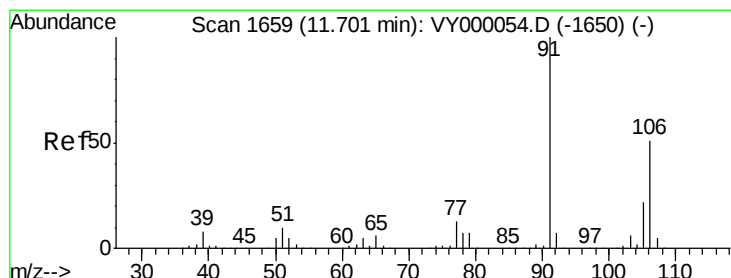
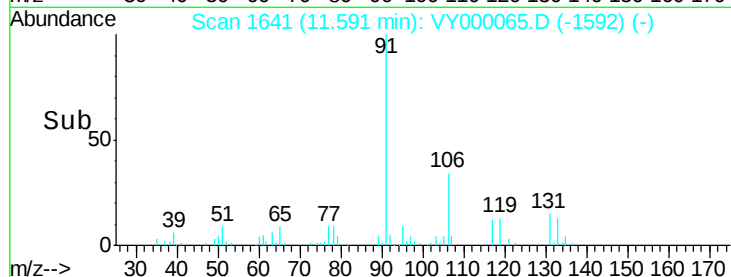
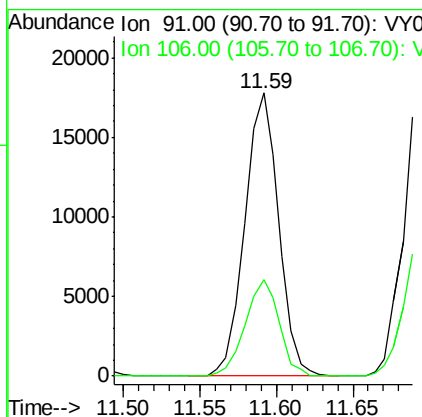
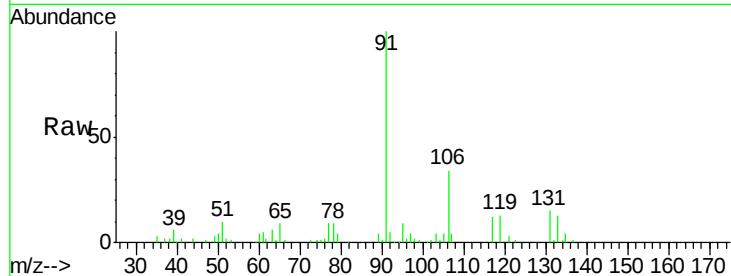
#67
Ethyl Benzene
Concen: 4.422 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion: 91 Resp: 27261
Ion Ratio Lower Upper
91 100
106 34.0 26.6 40.0

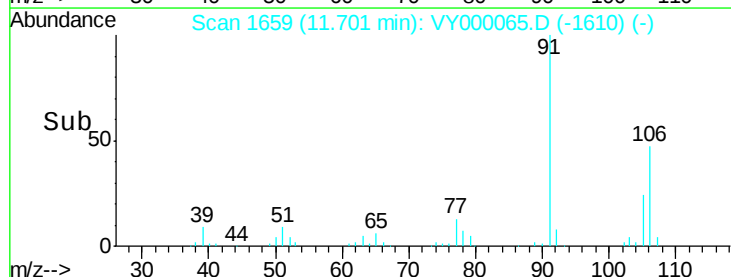
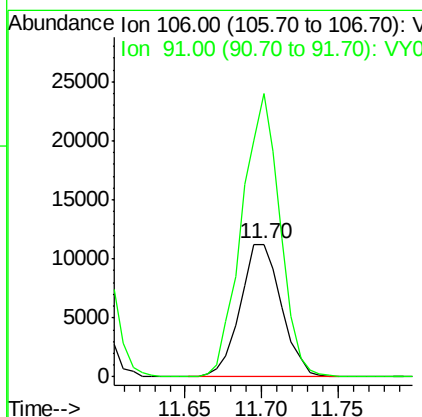
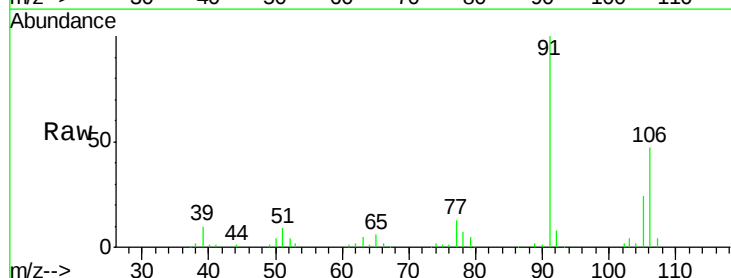
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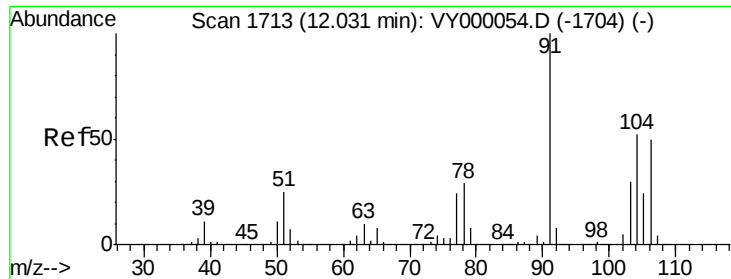
MMDadoda
9/20/2019 12:39:31 AM



#68
m/p-Xylenes
Concen: 8.918 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion: 106 Resp: 20919
Ion Ratio Lower Upper
106 100
91 198.4 154.5 231.7





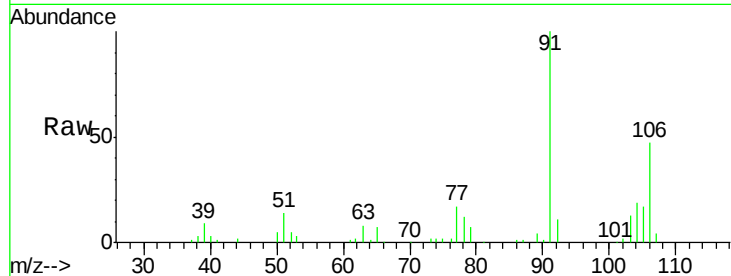
#69
o-Xylene
Concen: 4.300 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL1

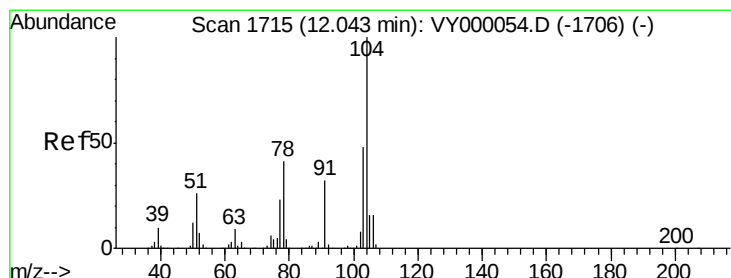
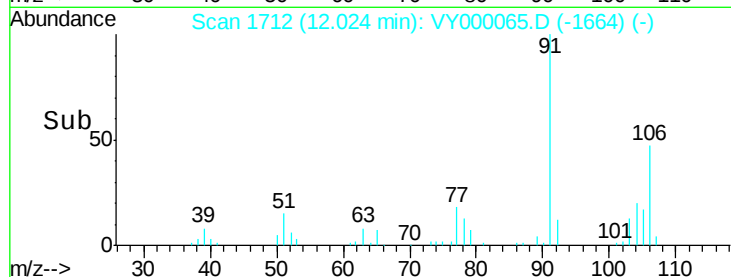
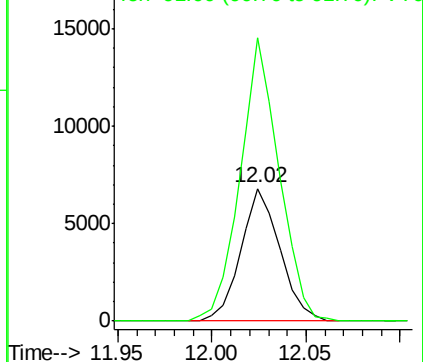
Tot Ion:106 Resp: 9766
Ion Ratio Lower Upper
106 100
91 212.3 103.5 310.3

Manual Integrations
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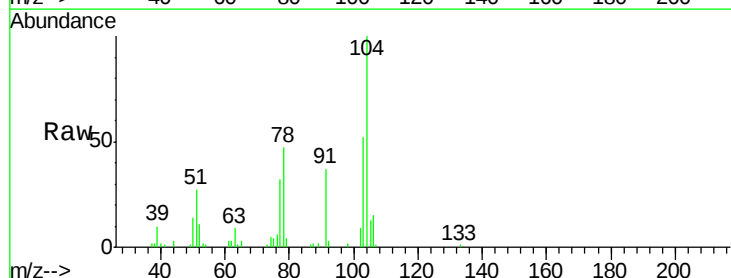


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

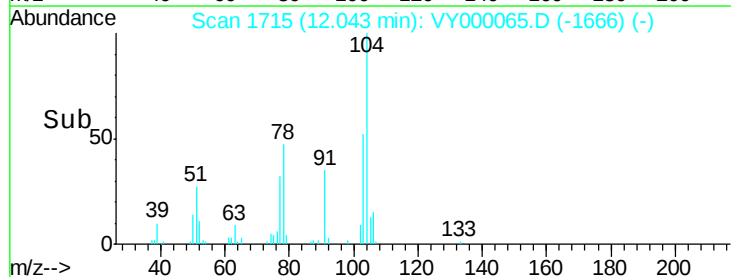
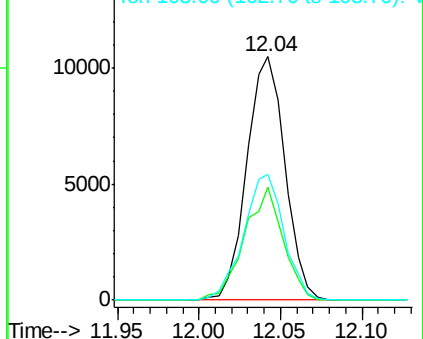


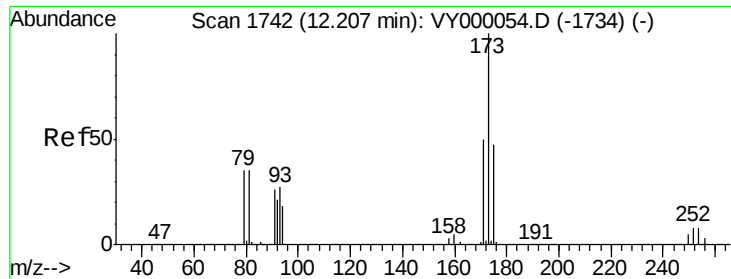
#70
Styrene
Concen: 4.270 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion:104 Resp: 17023
Ion Ratio Lower Upper
104 100
78 47.0 37.7 56.5
103 55.0 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





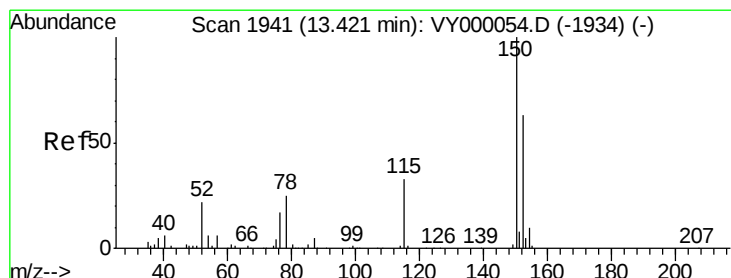
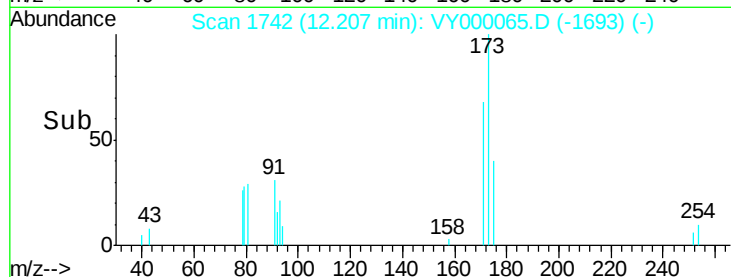
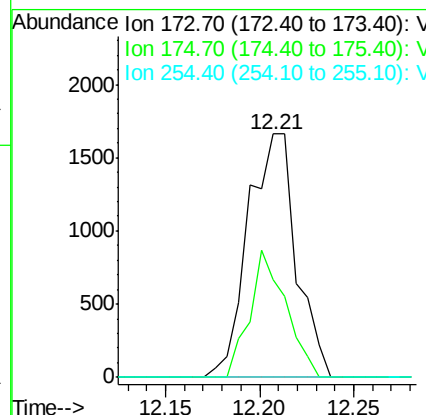
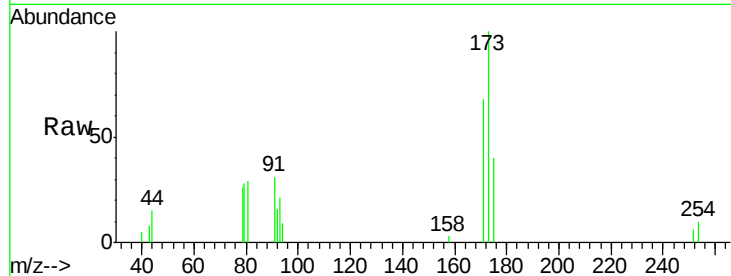
#71
Bromoform
Concen: 4.357 ug/l
RT: 12.21 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	Ratio	Lower	Upper
173	100		
175	39.1	23.6	71.0
254	0.0	0.0	0.0

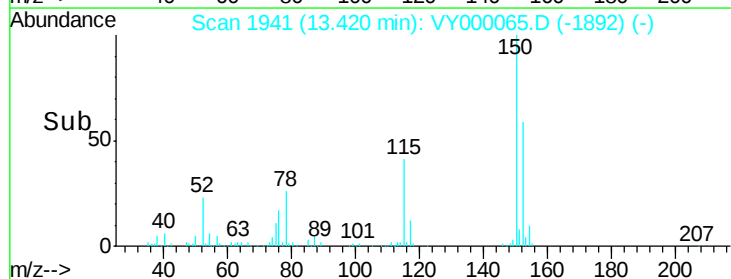
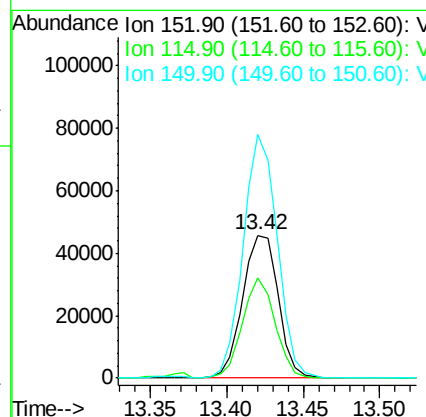
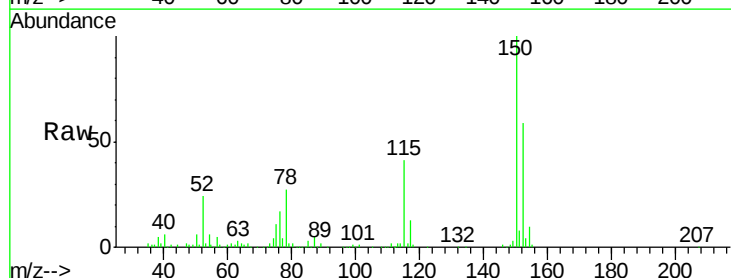
Manual Integrations
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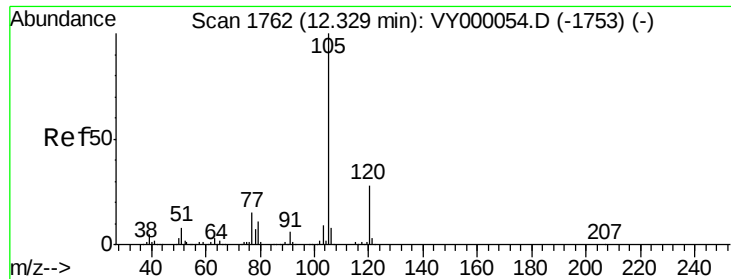
MMDadoda
9/20/2019 12:39:31 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	30.7	92.1
150	163.2	0.0	351.6





#73

Isopropylbenzene

Concen: 4.496 ug/l

RT: 12.33 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

ClientSampleId :

MDL1

Tot Ion:105 Resp: 26763

Ion Ratio Lower Upper

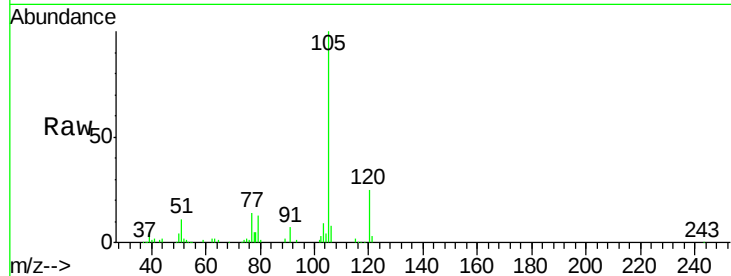
105 100

120 26.8 13.9 41.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

20000

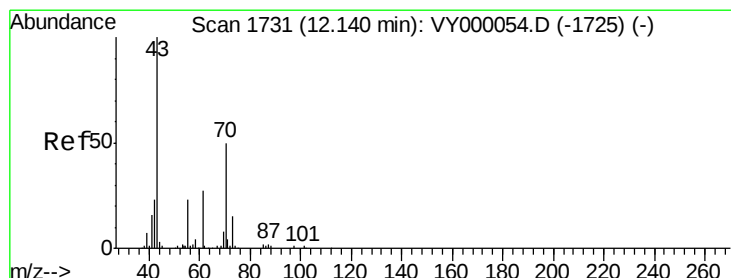
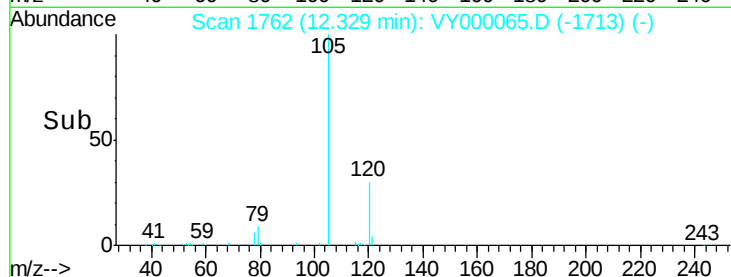
15000

10000

5000

0

Time--> 12.25 12.30 12.35



#74

N-ethyl acetate

Concen: 4.330 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Tgt Ion: 43 Resp: 7342

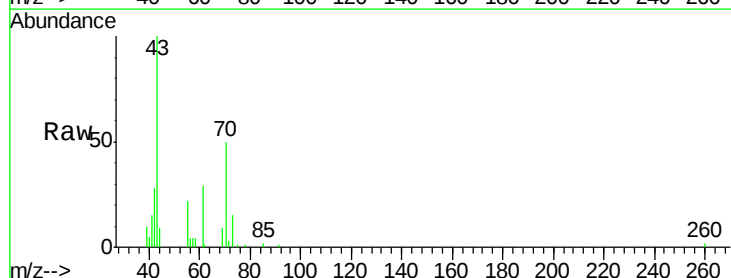
Ion Ratio Lower Upper

43 100

70 46.5 38.8 58.2

55 24.5 18.8 28.2

61 27.6 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

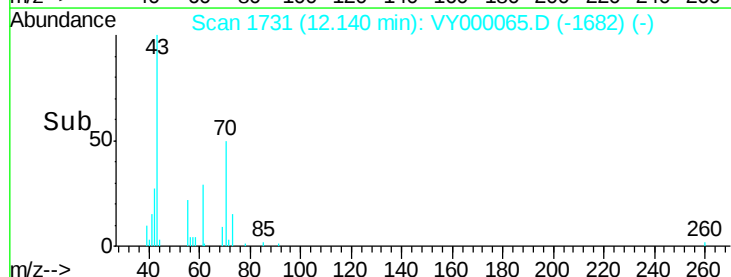
6000

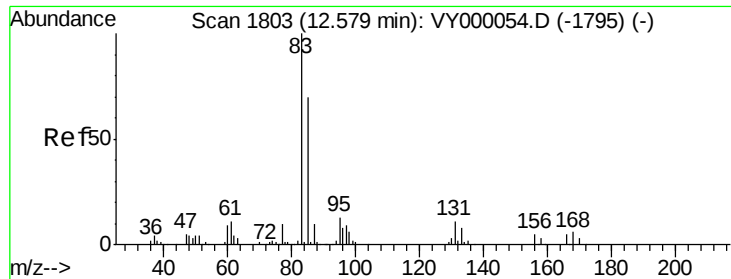
4000

2000

0

Time--> 12.05 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 4.673 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

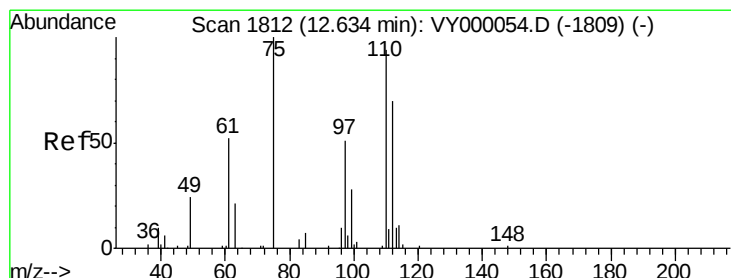
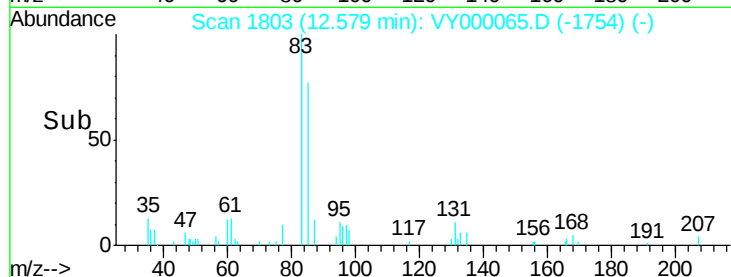
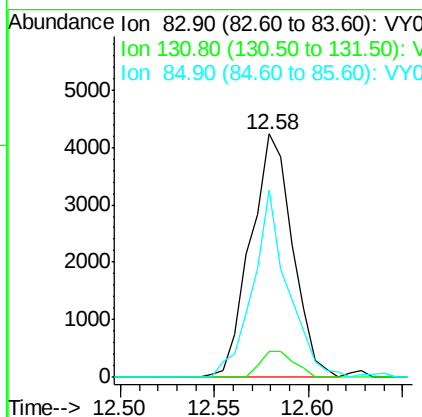
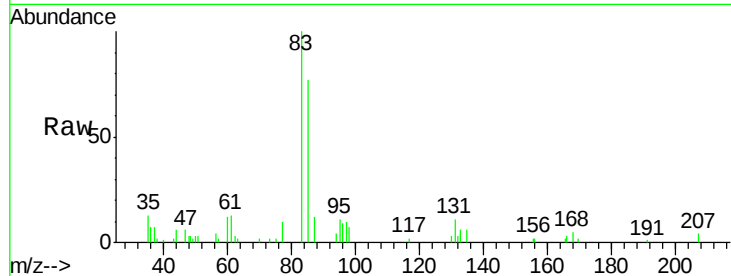
ClientSampleId :

MDL1

Tot Ion:	83	Resp:	6548
Ion	Ratio	Lower	Upper
83	100		
131	8.7	4.9	14.7
85	64.0	32.5	97.4

Manual Integrations
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9/20/2019 12:39:31 AM



#76

1,2,3-Trichloropropane

Concen: 5.084 ug/l m

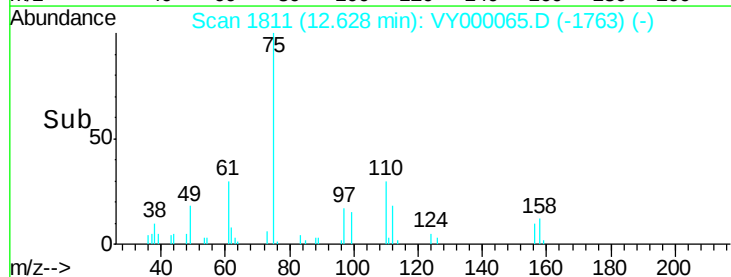
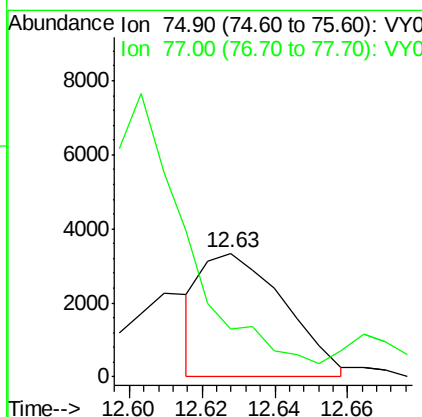
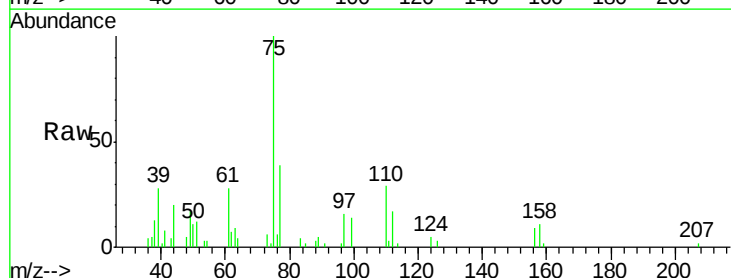
RT: 12.63 min Scan# 1811

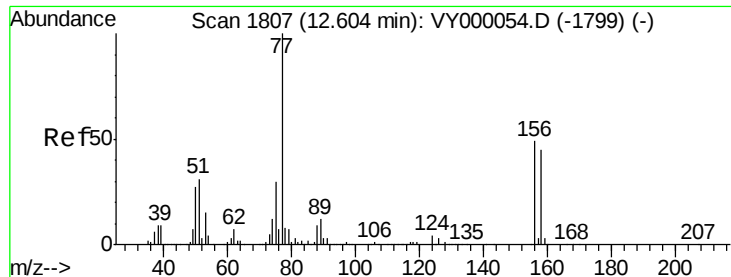
Delta R.T. -0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Tgt Ion:	75	Resp:	5283
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 4.458 ug/l

RT: 12.61 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

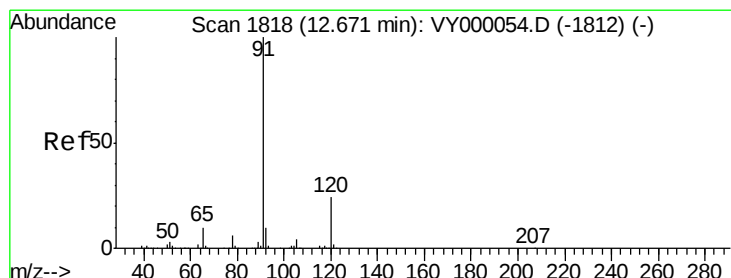
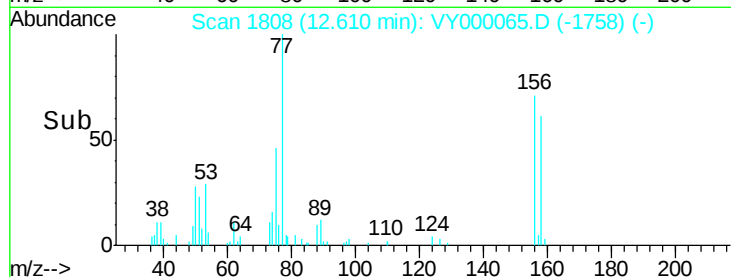
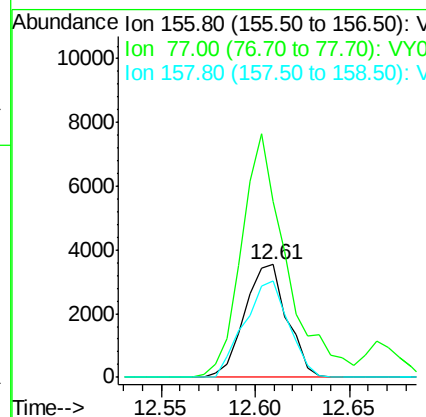
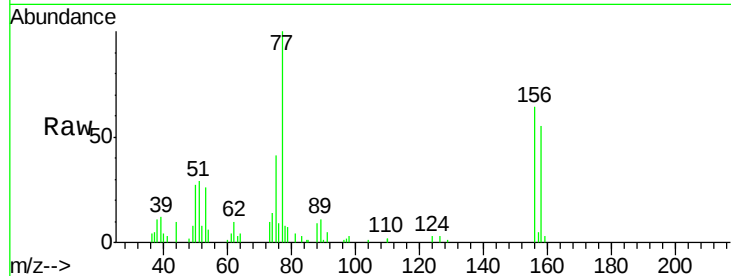
ClientSampleId :

MDL1

Tot Ion	Ratio	Lower	Upper
156	100		
77	229.8	109.7	329.0
158	88.9	48.0	144.2

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#78

n-propylbenzene

Concen: 4.516 ug/l

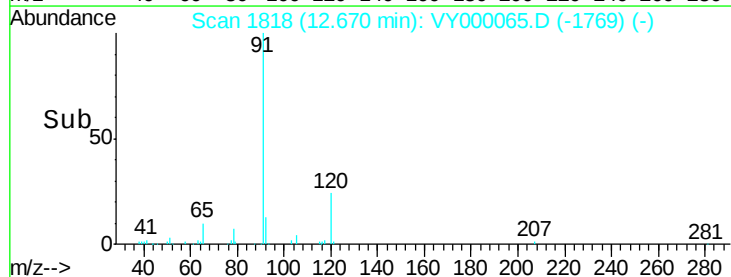
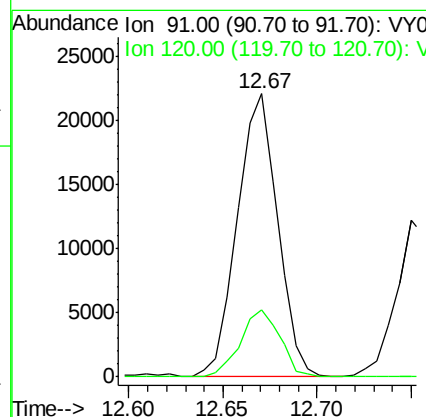
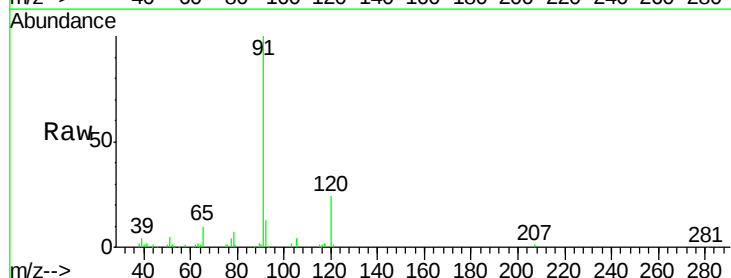
RT: 12.67 min Scan# 1818

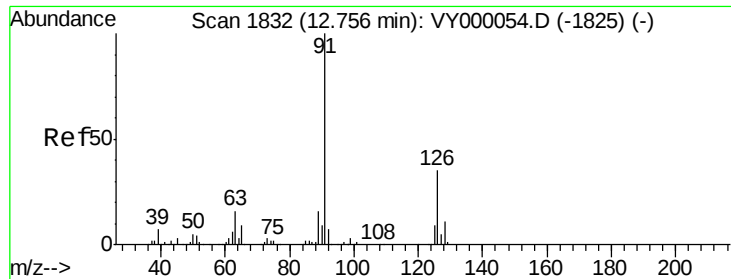
Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.5





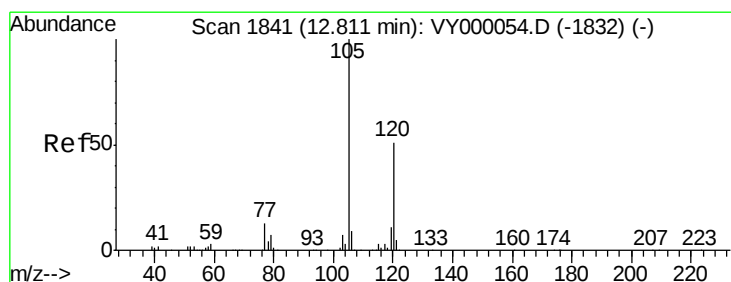
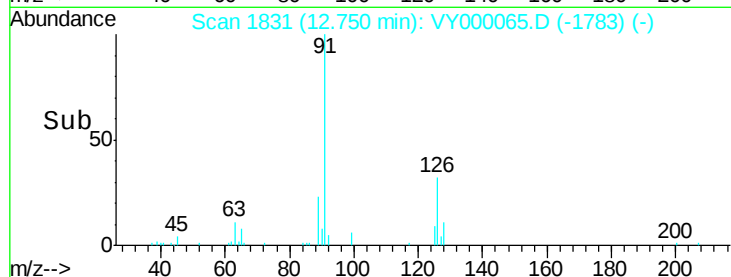
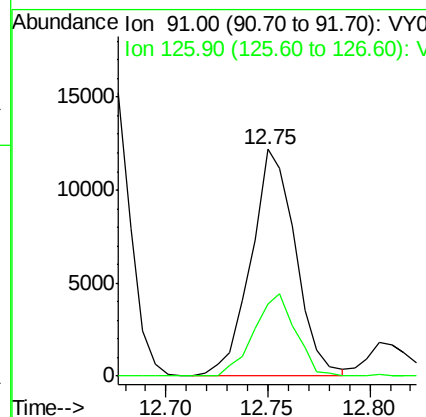
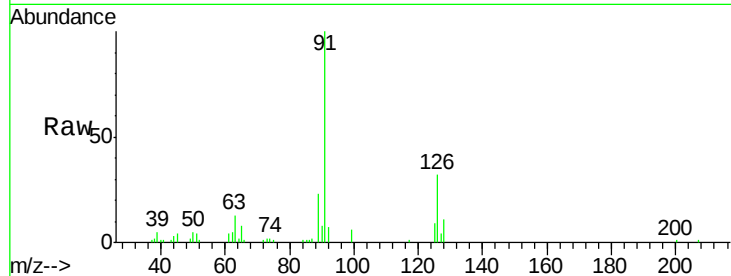
#79
2-Chlorotoluene
Concen: 4.567 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.01 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampleId :
MDL1

Tot Ion: 91 Resp: 18538
Ion Ratio Lower Upper
91 100
126 33.7 17.2 51.5

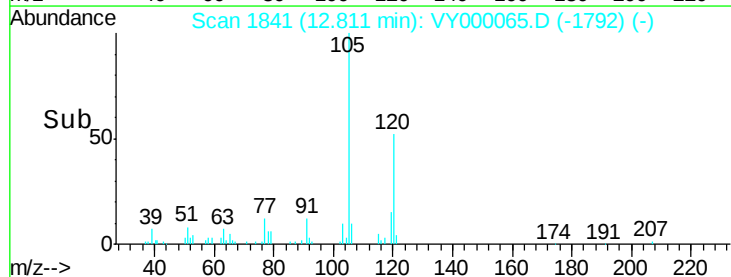
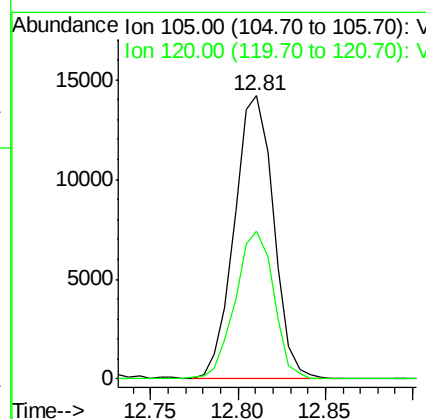
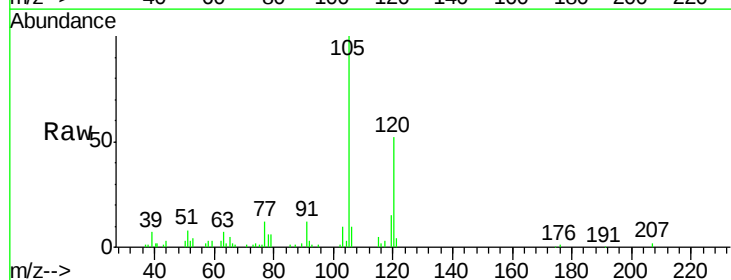
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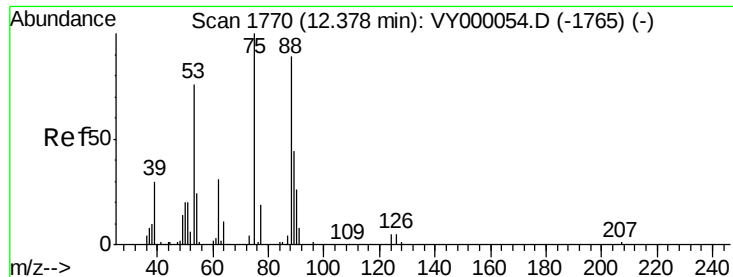
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#80
1,3,5-Trimethylbenzene
Concen: 4.486 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion:105 Resp: 22119
Ion Ratio Lower Upper
105 100
120 51.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 3.942 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

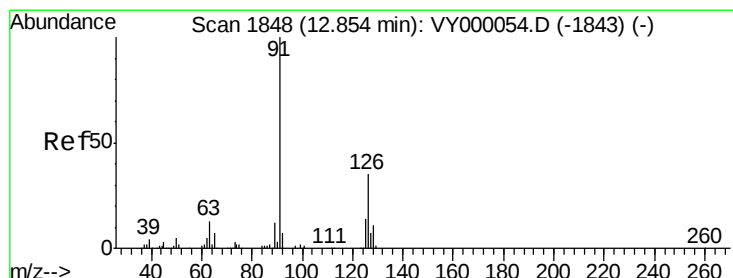
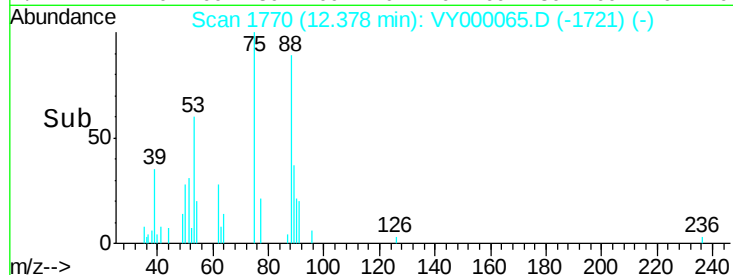
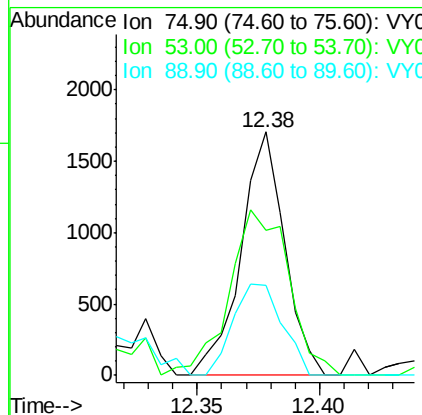
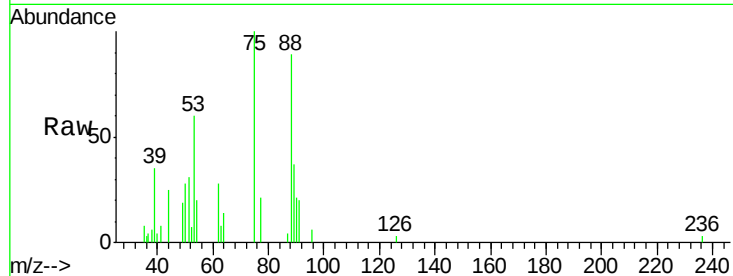
ClientSampleId :

MDL1

Tot Ion:	75	Resp:	2130
Ion Ratio	Lower	Upper	
75	100		
53	91.5	60.9	91.3#
89	42.3	35.3	52.9

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#82

4-Chlorotoluene

Concen: 4.522 ug/l

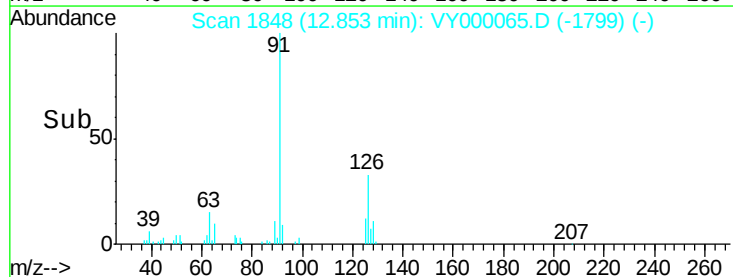
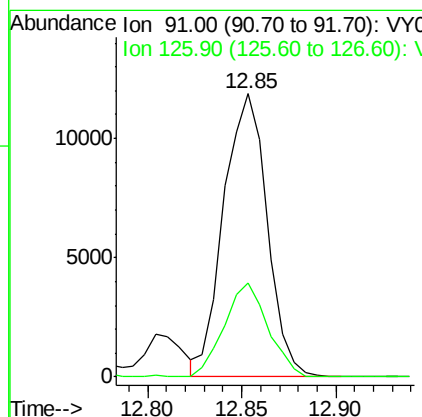
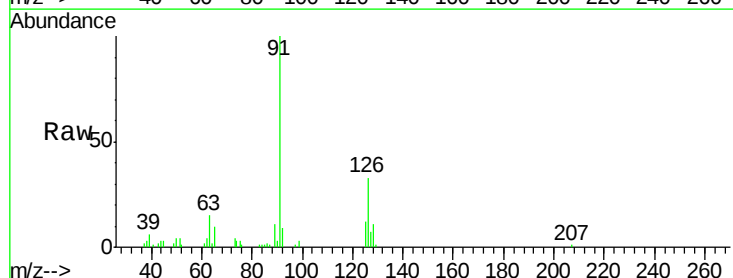
RT: 12.85 min Scan# 1848

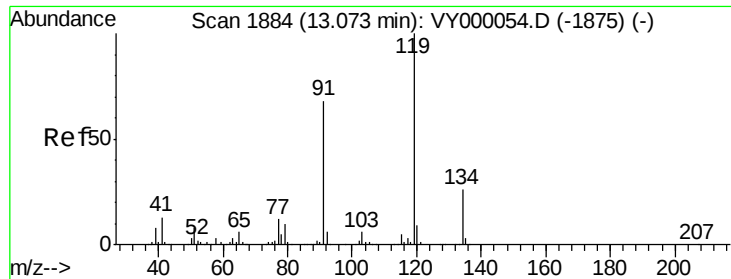
Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Tgt Ion:	91	Resp:	18978
Ion Ratio	Lower	Upper	
91	100		
126	33.3	16.7	50.1





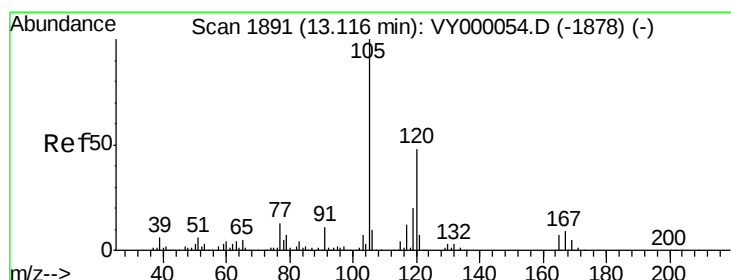
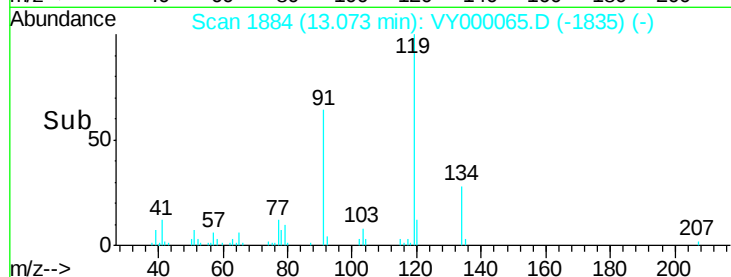
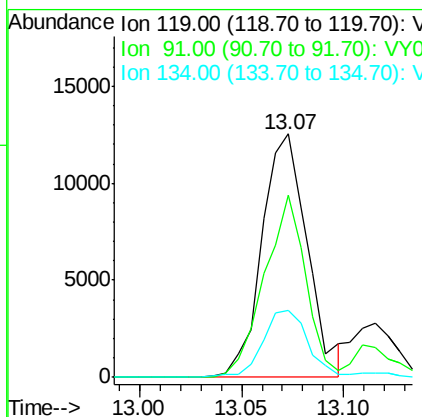
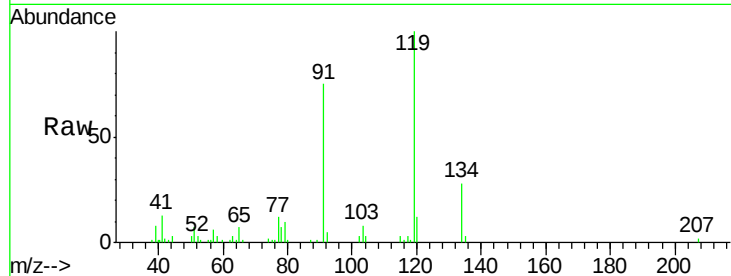
#83
 tert-Butylbenzene
 Concen: 4.622 ug/l
 RT: 13.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL1

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.0	33.4	100.1
134	27.6	12.7	38.0

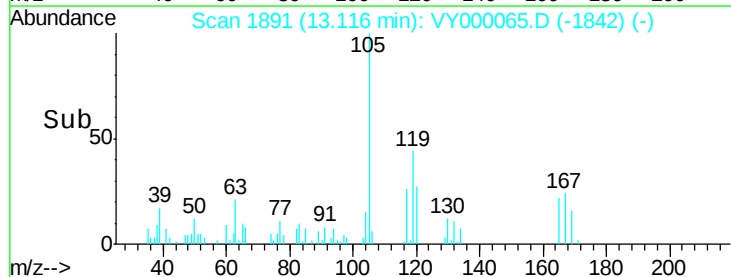
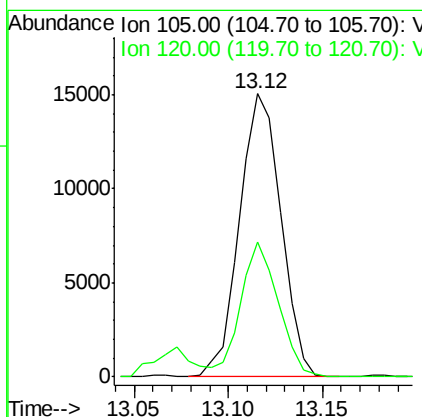
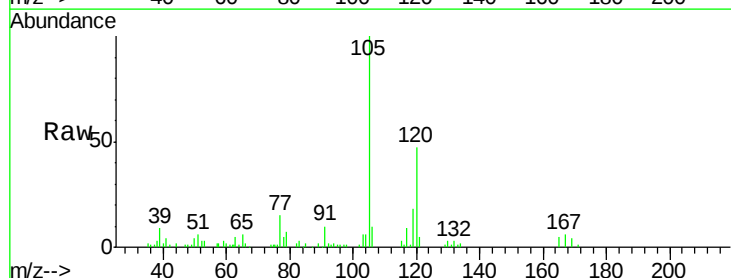
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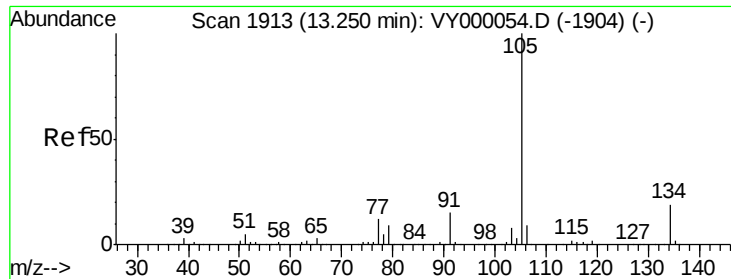
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#84
 1,2,4-Trimethylbenzene
 Concen: 4.724 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.9	68.7





#85

sec-Butylbenzene

Concen: 4.564 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

ClientSampleId :

MDL1

Tot Ion:105 Resp: 28441

Ion Ratio Lower Upper

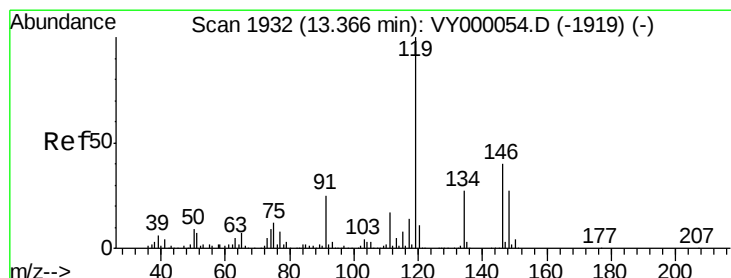
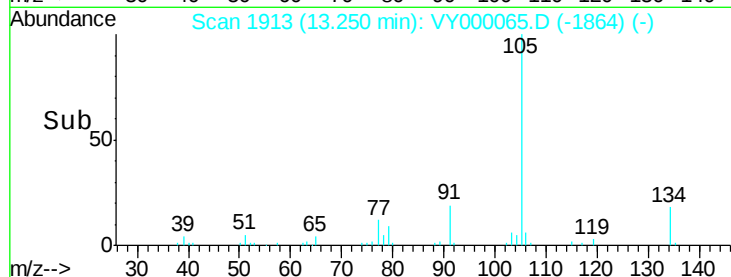
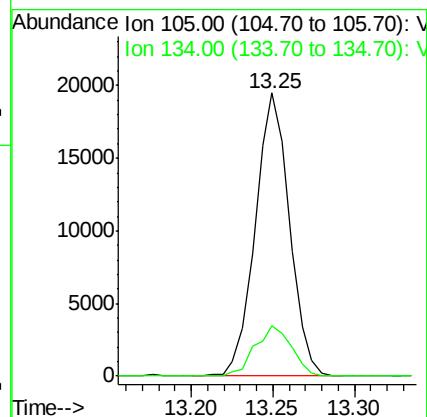
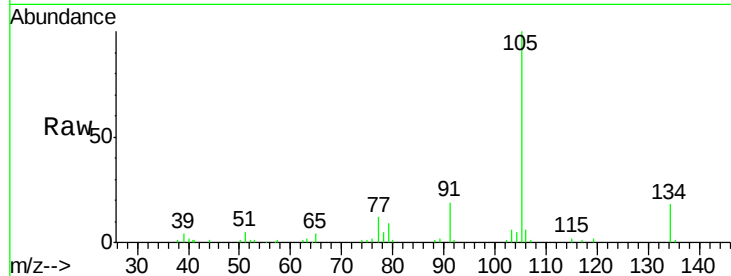
105 100

134 19.0 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 4.427 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

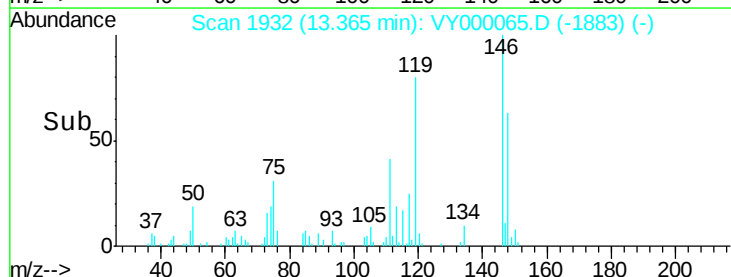
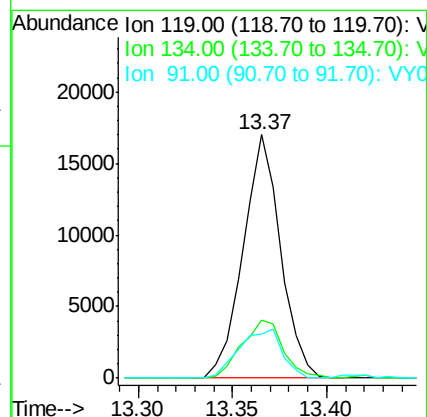
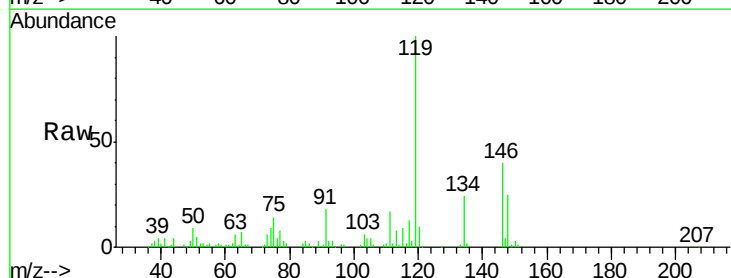
Tgt Ion:119 Resp: 23388

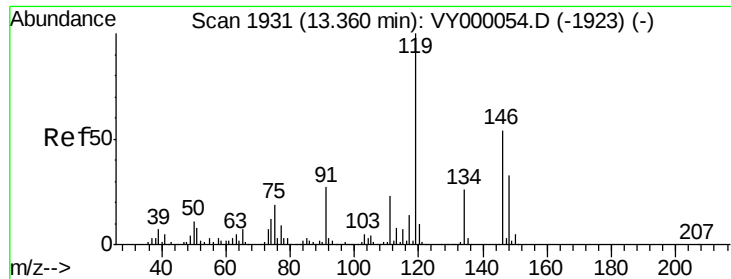
Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

91 23.2 12.4 37.4





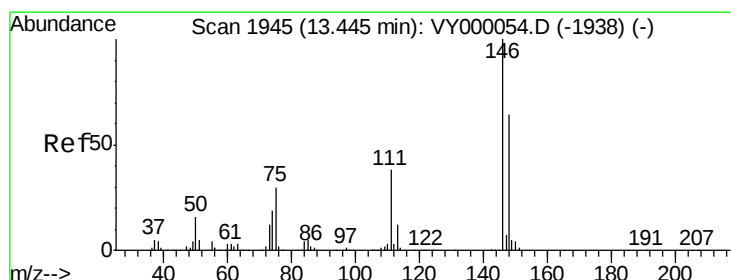
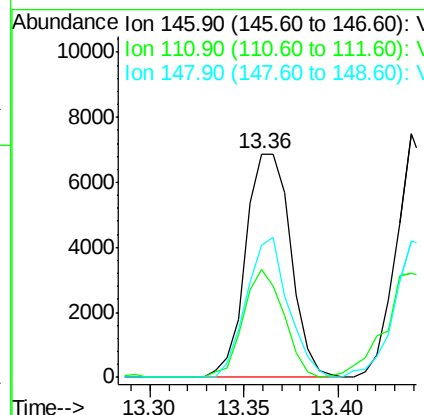
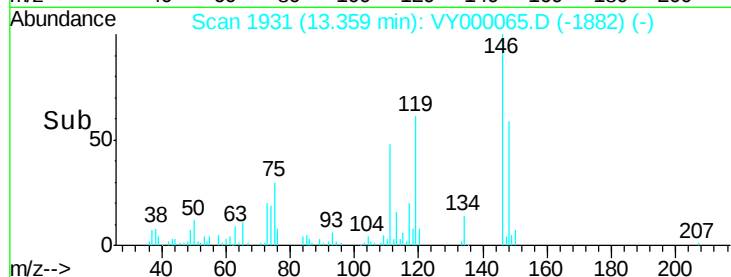
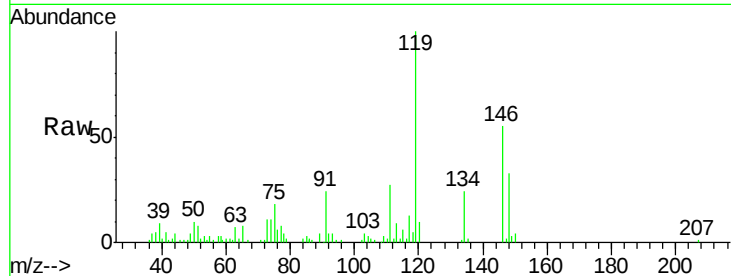
#87
 1,3-Dichlorobenzene
 Concen: 4.622 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Instrument :
 MSVOA_Y
 ClientSampleID :
 MDL1

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.1	63.1
148	58.1	31.8	95.3

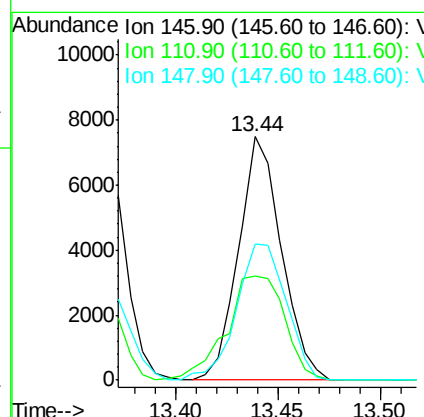
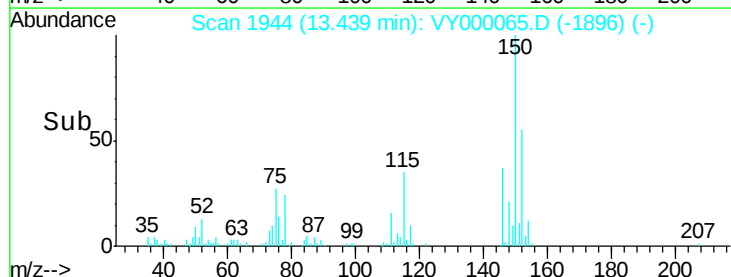
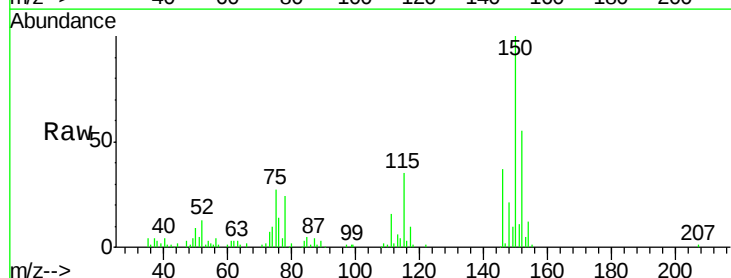
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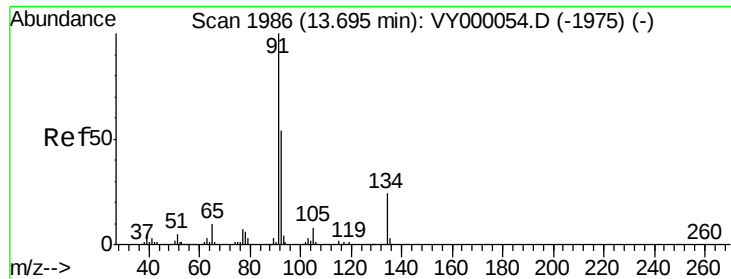
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#88
 1,4-Dichlorobenzene
 Concen: 4.417 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	58.2	20.8	62.4
148	64.7	31.5	94.5





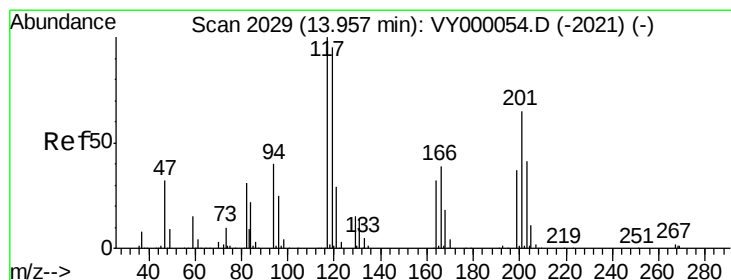
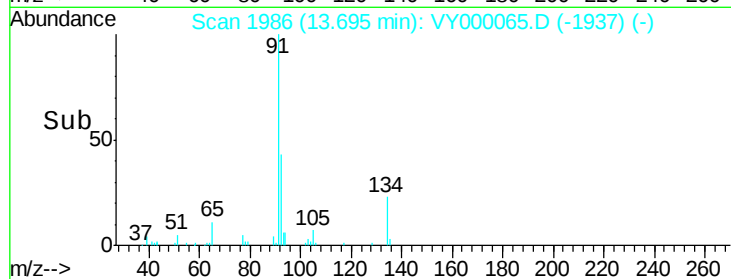
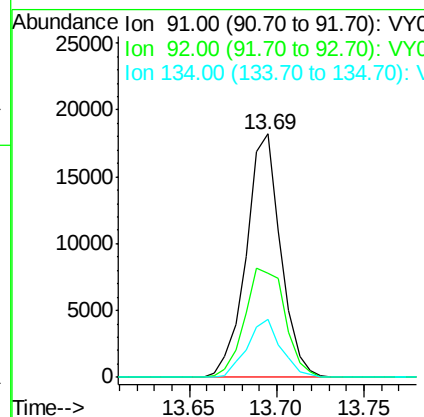
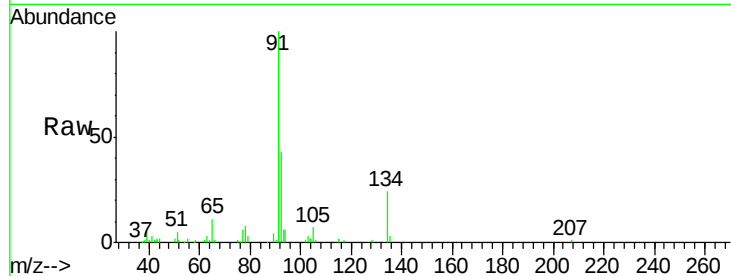
#89
n-Butylbenzene
Concen: 4.594 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.2	81.5
134	23.4	12.2	36.6

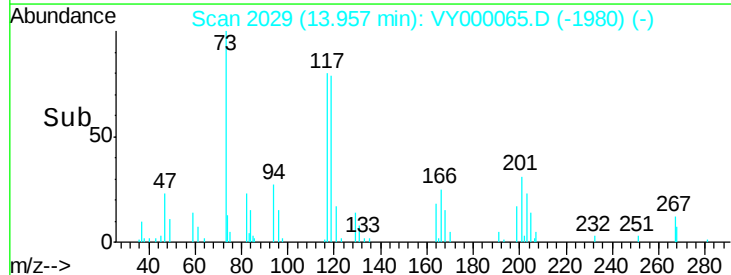
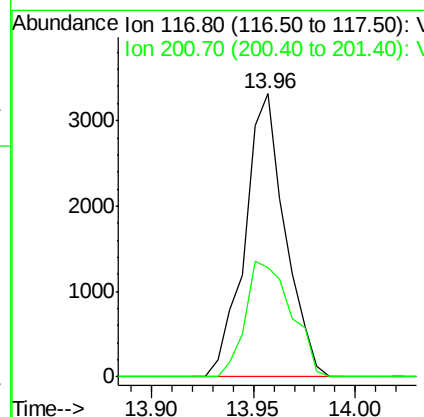
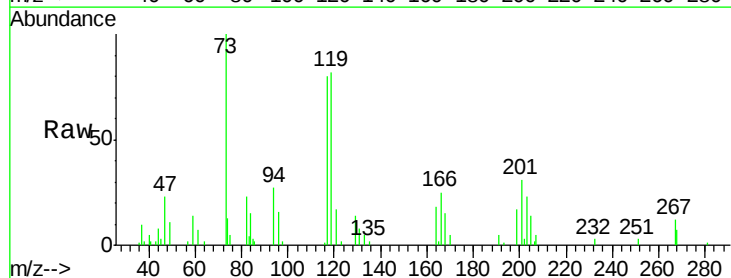
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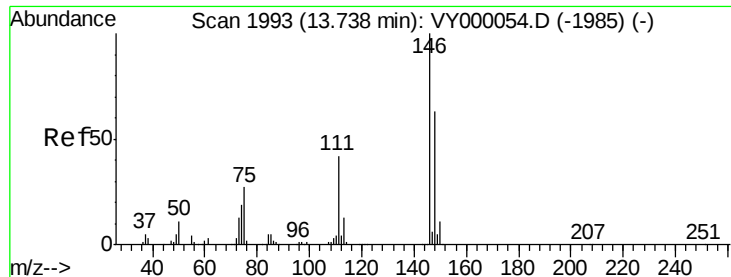
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#90
Hexachloroethane
Concen: 4.381 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	46.4	30.6	92.0





#91

1,2-Dichlorobenzene

Concen: 4.196 ug/l

RT: 13.73 min Scan# 1992

Delta R.T. -0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Instrument :

MSVOA_Y

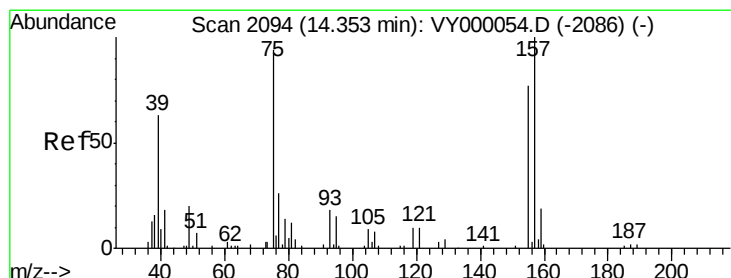
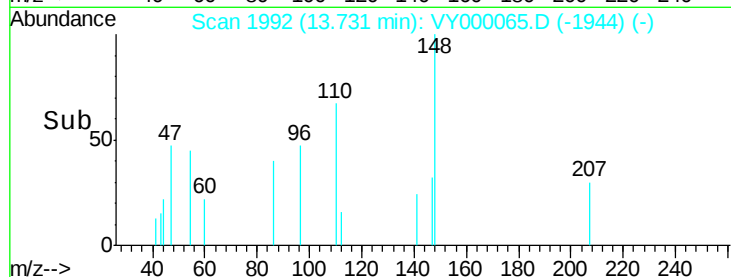
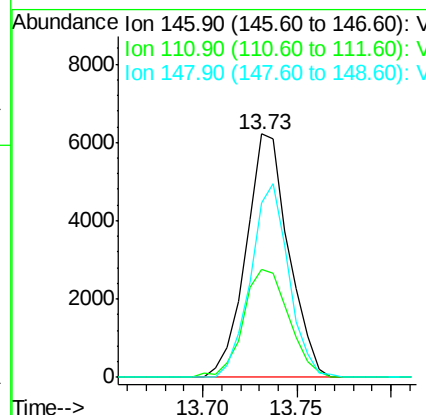
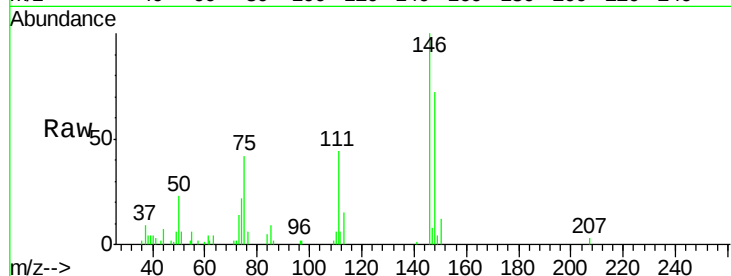
ClientSampled :

MDL1

Tot Ion:	146	Resp:	9719
Ion	Ratio	Lower	Upper
146	100		
111	47.4	21.9	65.7
148	70.7	32.4	97.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 4.441 ug/l

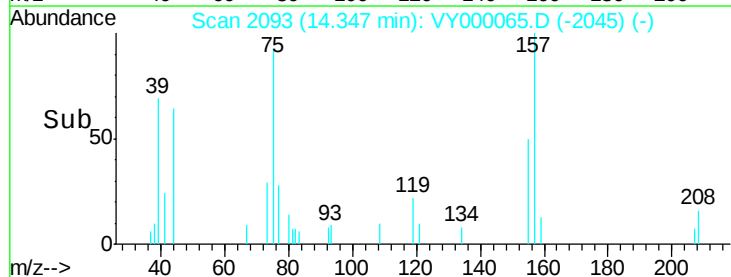
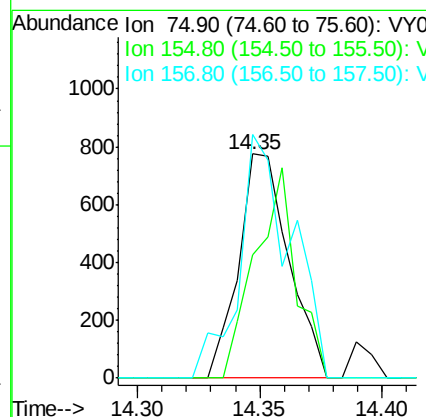
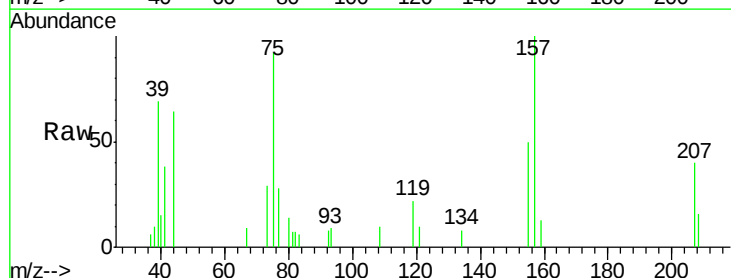
RT: 14.35 min Scan# 2093

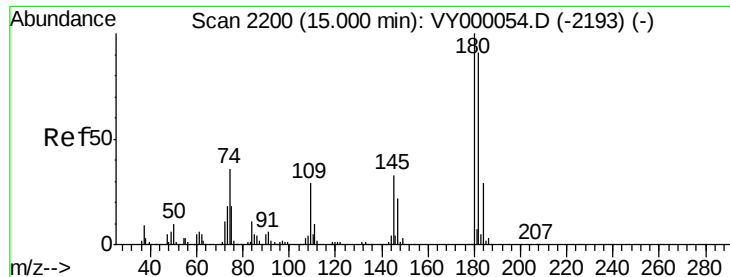
Delta R.T. -0.01 min

Lab File: VY000065.D

Acq: 18 Sep 2019 17:04

Tgt Ion:	75	Resp:	1108
Ion	Ratio	Lower	Upper
75	100		
155	76.4	40.6	121.7
157	112.5	52.9	158.8





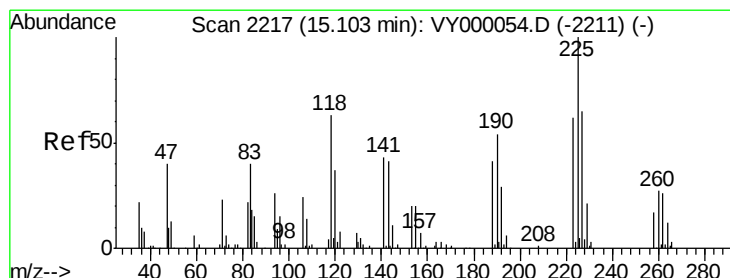
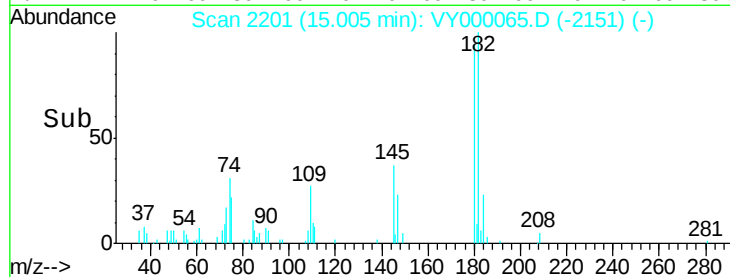
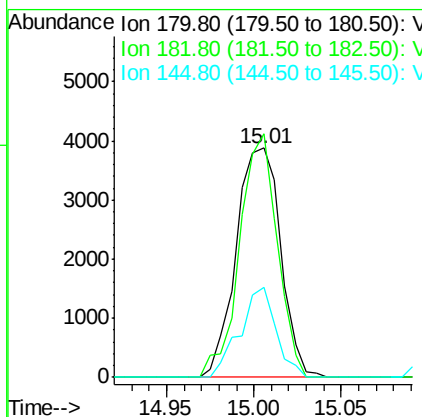
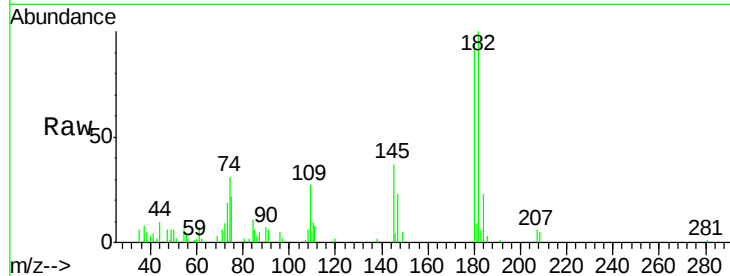
#93
 1,2,4-Trichlorobenzene
 Concen: 4.923 ug/l
 RT: 15.01 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL1

Tot Ion	Ratio	Resp	Lower	Upper
180	100	6881		
182	89.6		48.5	145.6
145	31.6		17.2	51.6

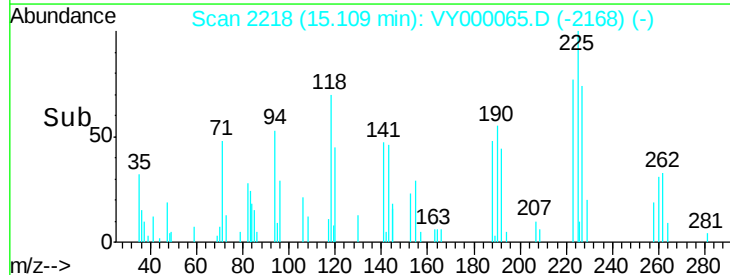
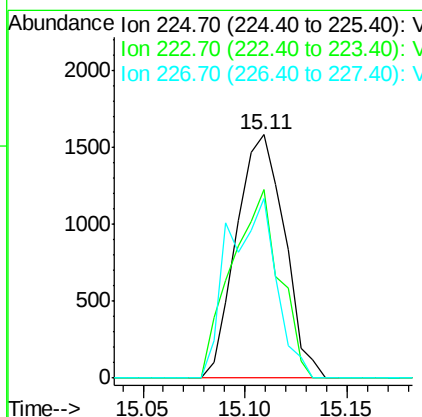
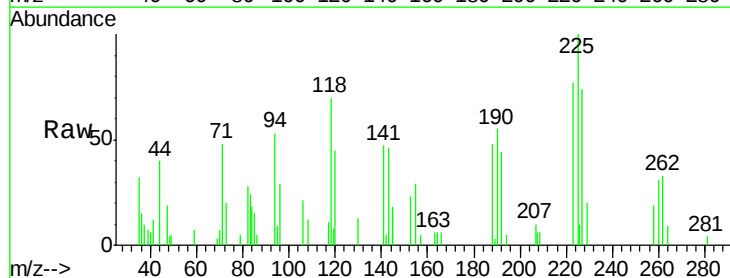
Manual Integrations
 APPROVED

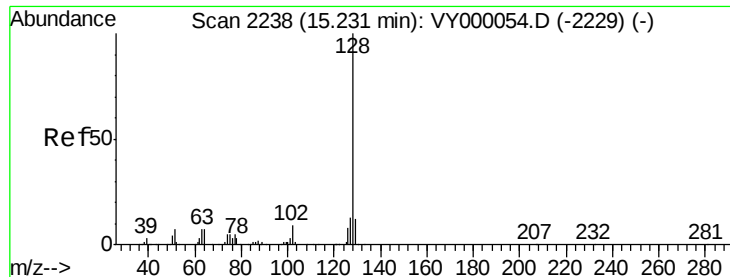
MMDadoda
 9/20/2019 12:39:31 AM



#94
 Hexachlorobutadiene
 Concen: 3.855 ug/l
 RT: 15.11 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: VY000065.D
 Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	2587		
223	77.5		31.9	95.5
227	73.6		30.6	91.6





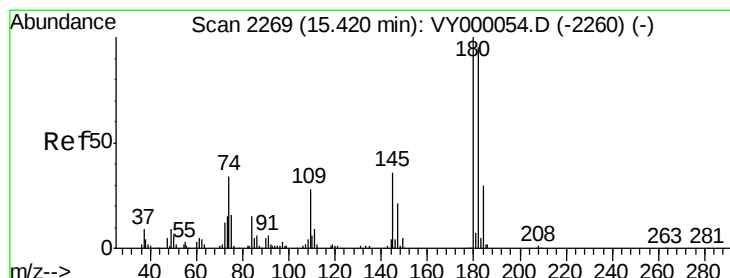
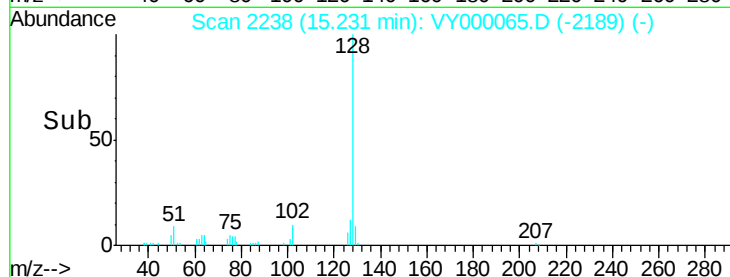
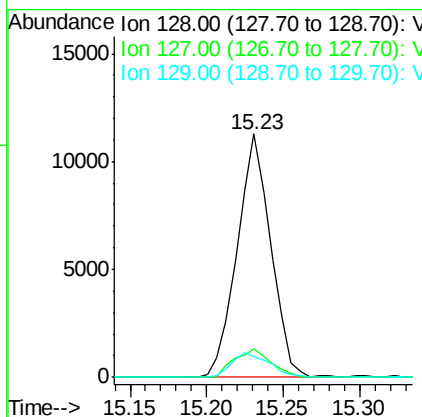
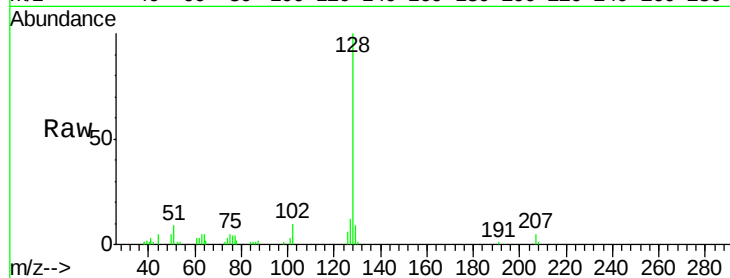
#95
Naphthalene
Concen: 4.318 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Instrument :
MSVOA_Y
ClientSampleId :
MDL1

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.3	9.2	13.8

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:39:31 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.444 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VY000065.D
Acq: 18 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.5	47.5	142.5
145	32.2	17.4	52.2

