

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000232.D
 Acq On : 08 Oct 2019 20:44
 Operator : SY/MD
 Sample : VY1008WBS01
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:33 AM

Quant Time: Oct 09 09:10:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 08:54:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	269977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	451097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	402572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	192419	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	155392	44.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.50%	
35) Dibromofluoromethane	7.73	113	124843	44.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.84%	
50) Toluene-d8	10.19	98	471619	42.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.44%	
62) 4-Bromofluorobenzene	12.49	95	165715	42.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	46721	17.335	ug/l	95
3) Chloromethane	2.12	50	64726	17.634	ug/l	97
4) Vinyl Chloride	2.25	62	65092	17.177	ug/l	96
5) Bromomethane	2.64	94	50467	21.107	ug/l	99
6) Chloroethane	2.79	64	42659	17.822	ug/l	94
7) Trichlorofluoromethane	3.13	101	87380	17.843	ug/l	96
8) Diethyl Ether	3.54	74	37999	16.971	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	47027	16.448	ug/l	98
10) Methyl Iodide	4.10	142	64251	14.250	ug/l	100
11) Tert butyl alcohol	4.97	59	170339	90.298	ug/l	99
12) 1,1-Dichloroethene	3.88	96	52886	17.817	ug/l	98
13) Acrolein	3.74	56	77755	78.524	ug/l	98
14) Allyl chloride	4.49	41	82123	16.419	ug/l	95
15) Acrylonitrile	5.17	53	292685	87.894	ug/l	100
16) Acetone	3.95	43	261586	95.119	ug/l	95
17) Carbon Disulfide	4.19	76	151133	17.275	ug/l	99
18) Methyl Acetate	4.48	43	134099	17.793	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	189818	17.480	ug/l	94
20) Methylene Chloride	4.72	84	61725	17.085	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	57582	17.245	ug/l	98
22) Diisopropyl ether	6.13	45	195125	16.839	ug/l	98
23) Vinyl Acetate	6.07	43	904092	80.470	ug/l	100
24) 1,1-Dichloroethane	6.03	63	101282	17.135	ug/l	99
25) 2-Butanone	7.00	43	470861	92.551	ug/l	99
26) 2,2-Dichloropropane	7.00	77	82983	15.553	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	68331	17.373	ug/l	97
28) Bromochloromethane	7.35	49	36071	18.541	ug/l	91
29) Tetrahydrofuran	7.36	42	315461	87.797	ug/l	98
30) Chloroform	7.52	83	107489	17.523	ug/l	97
31) Cyclohexane	7.79	56	89351	14.966	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	89426	17.147	ug/l	99
36) 1,1-Dichloropropene	7.93	75	75648	16.481	ug/l	99
37) Ethyl Acetate	7.09	43	141544	17.058	ug/l	99
38) Carbon Tetrachloride	7.91	117	79078	17.677	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	87635	15.220	ug/l	95
40) Benzene	8.17	78	245246	17.614	ug/l	98
41) Methacrylonitrile	7.35	41	107388m	16.443	ug/l	
42) 1,2-Dichloroethane	8.25	62	83138	18.383	ug/l	99
43) Isopropyl Acetate	8.28	43	189917	17.782	ug/l	99
44) Trichloroethene	8.95	130	67485	17.874	ug/l	99
45) 1,2-Dichloropropane	9.22	63	60933	17.472	ug/l	91
46) Dibromomethane	9.32	93	42978	17.579	ug/l	99
47) Bromodichloromethane	9.50	83	83894	17.542	ug/l	96
48) Methyl methacrylate	9.30	41	80989	16.800	ug/l	97
49) 1,4-Dioxane	9.30	88	44528	359.822	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	732362	91.241	ug/l	100
52) Toluene	10.25	92	151845	17.004	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	95245	17.554	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	100303	17.085	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	63554	18.049	ug/l	98
56) Ethyl methacrylate	10.52	69	107384	17.322	ug/l	98
57) 1,3-Dichloropropane	10.80	76	105584	17.561	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	253308	91.669	ug/l	99
59) 2-Hexanone	10.84	43	639088	85.303	ug/l	97
60) Dibromochloromethane	10.99	129	66716	17.920	ug/l	98
61) 1,2-Dibromoethane	11.09	107	67147	17.952	ug/l	100
64) Tetrachloroethene	10.72	164	67815	18.430	ug/l	97
65) Chlorobenzene	11.52	112	162058	17.372	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.60	131	59384	17.806	ug/l	99
67) Ethyl Benzene	11.60	91	281667	16.890	ug/l	100
68) m/p-Xylenes	11.70	106	217795	34.227	ug/l	97
69) o-Xylene	12.03	106	105662	17.236	ug/l	97
70) Styrene	12.05	104	180944	17.136	ug/l	99
71) Bromoform	12.21	173	49331	17.925	ug/l #	97
73) Isopropylbenzene	12.33	105	272551	16.716	ug/l	99
74) N-amyl acetate	12.14	43	138419	16.163	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	98537	17.708	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	92638m	18.235	ug/l	
77) Bromobenzene	12.61	156	67701	17.706	ug/l	95
78) n-propylbenzene	12.67	91	310819	16.320	ug/l	99
79) 2-Chlorotoluene	12.76	91	183068	16.695	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	227788	16.743	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	41104	16.268	ug/l #	87
82) 4-Chlorotoluene	12.86	91	185758	16.725	ug/l	97
83) tert-Butylbenzene	13.08	119	194524	16.450	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	227427	16.731	ug/l	99
85) sec-Butylbenzene	13.25	105	263991	16.196	ug/l	100
86) p-Isopropyltoluene	13.37	119	235800	16.451	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	122409	17.664	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	123883	17.162	ug/l	98
89) n-Butylbenzene	13.70	91	209087	15.478	ug/l	100
90) Hexachloroethane	13.96	117	44080	16.258	ug/l	93
91) 1,2-Dichlorobenzene	13.74	146	121239	17.285	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32553	17.277	ug/l	95

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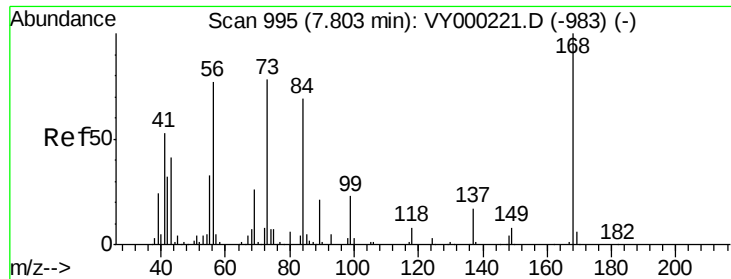
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	80124	16.825	ug/l	99
94) Hexachlorobutadiene	15.11	225	35598	15.642	ug/l	97
95) Naphthalene	15.23	128	311722	17.400	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	77676	16.957	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBS01

Tot Ion:168 Resp: 269977

Ion Ratio Lower Upper

168 100

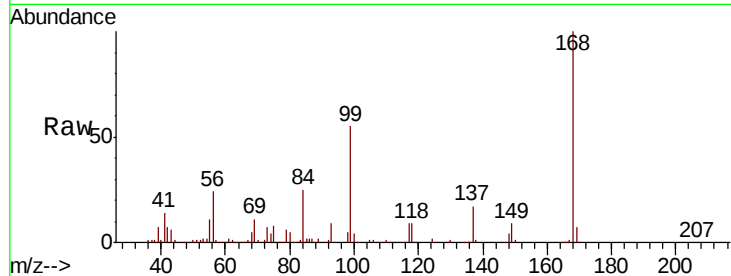
99 54.5 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

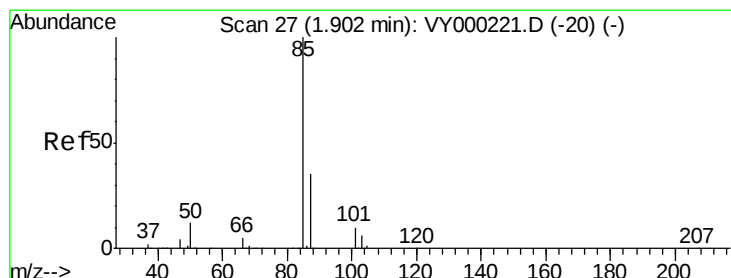
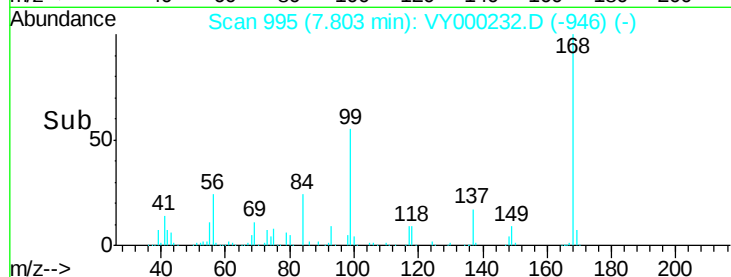
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.335 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000232.D

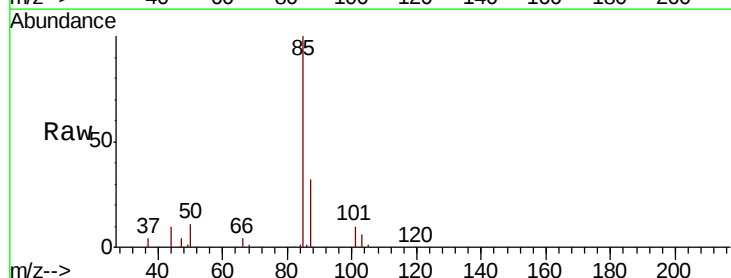
Acq: 08 Oct 2019 20:44

Tgt Ion: 85 Resp: 46721

Ion Ratio Lower Upper

85 100

87 31.8 17.4 52.2



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000221.D (-20) (-)

1.90

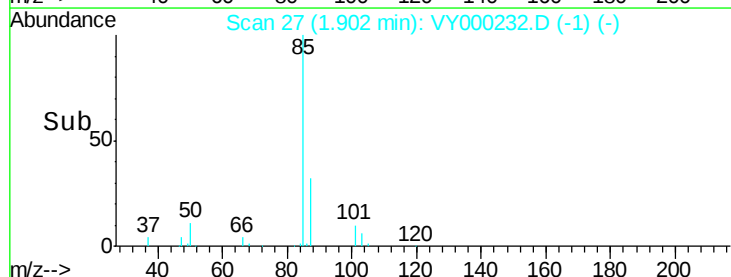
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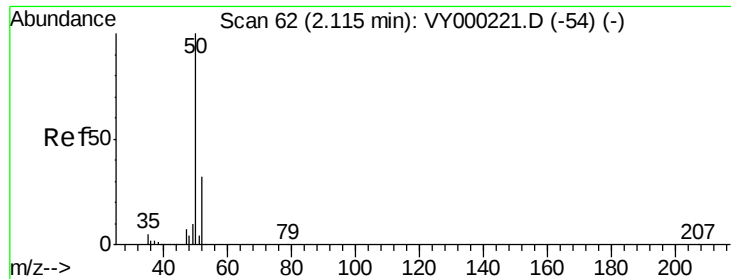
20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.634 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBS01

Tot Ion: 50 Resp: 64726

Ion Ratio Lower Upper

50 100

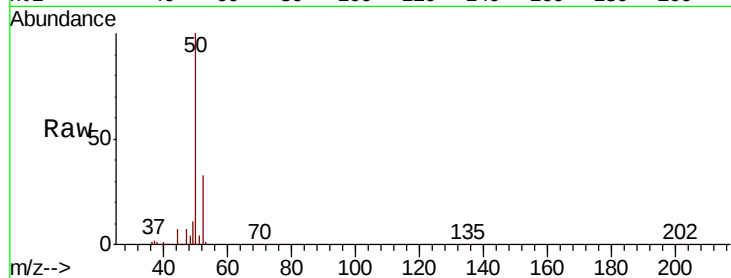
52 33.1 25.4 38.0

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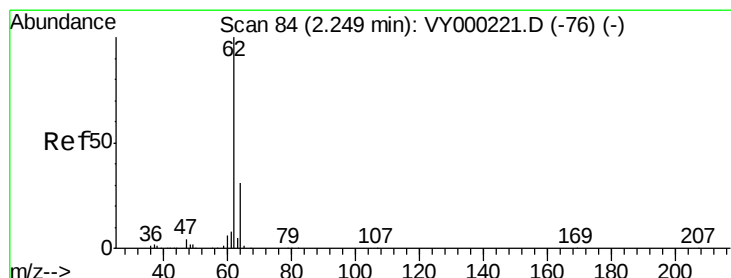
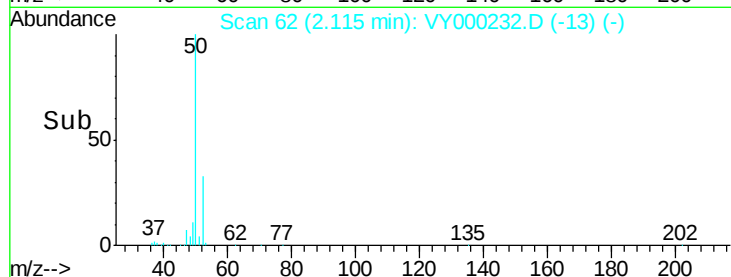
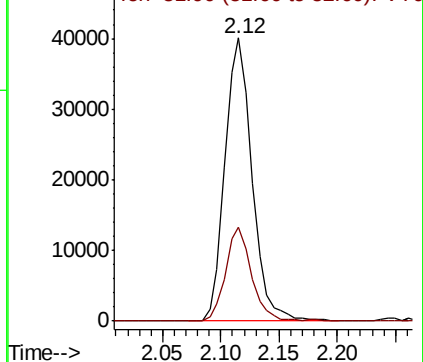
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 17.177 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000232.D

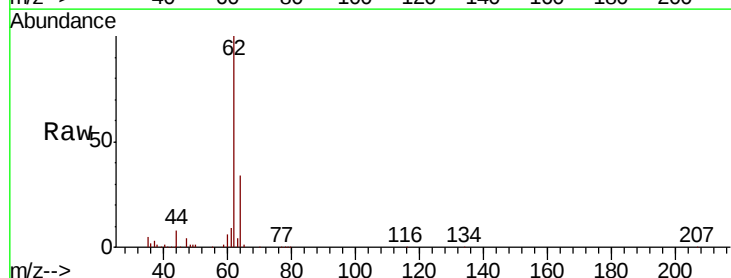
Acq: 08 Oct 2019 20:44

Tgt Ion: 62 Resp: 65092

Ion Ratio Lower Upper

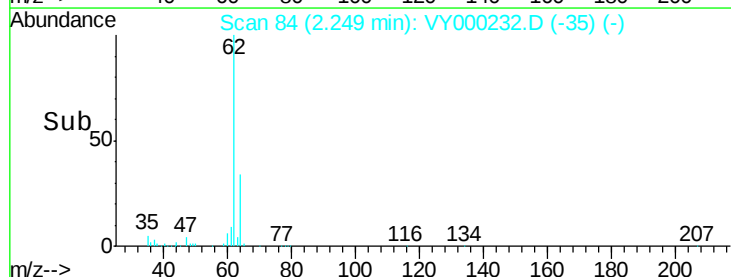
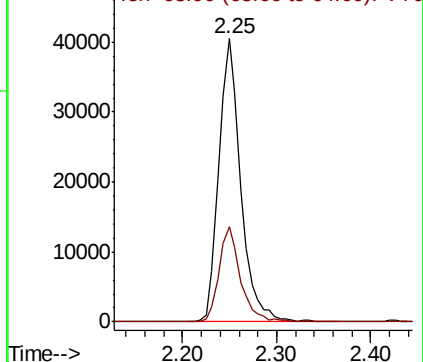
62 100

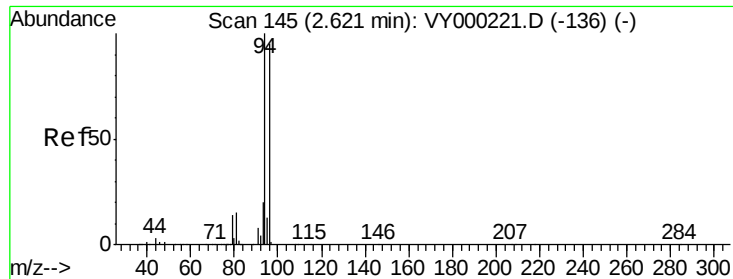
64 33.5 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.107 ug/l

RT: 2.64 min Scan# 148

Delta R.T. 0.02 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

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ClientSampleId :

VY1008WBS01

Tot Ion: 94 Resp: 50467

Ion Ratio Lower Upper

94 100

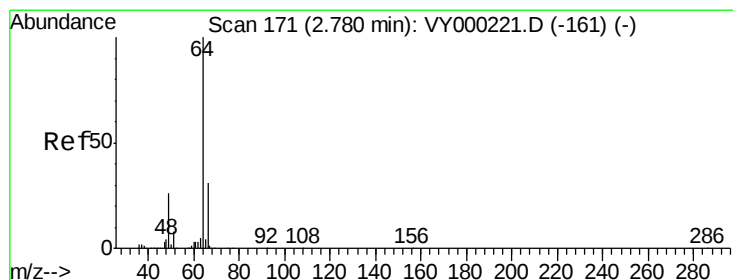
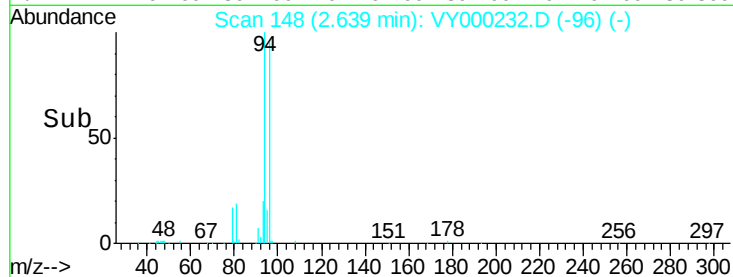
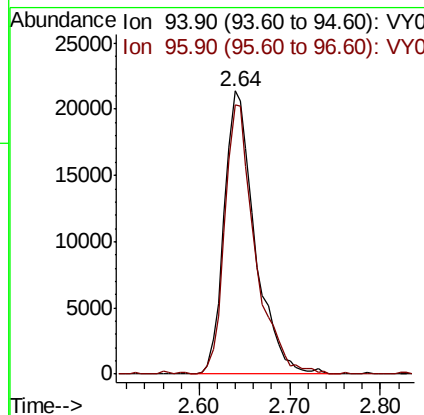
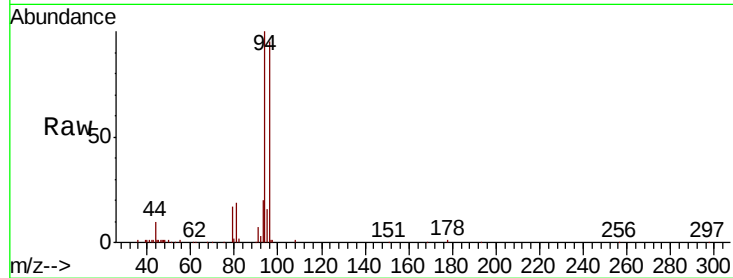
96 95.2 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 17.822 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.01 min

Lab File: VY000232.D

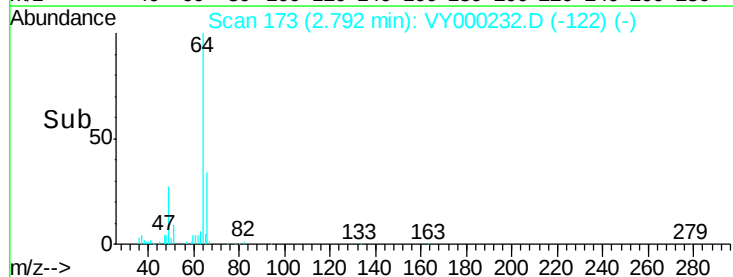
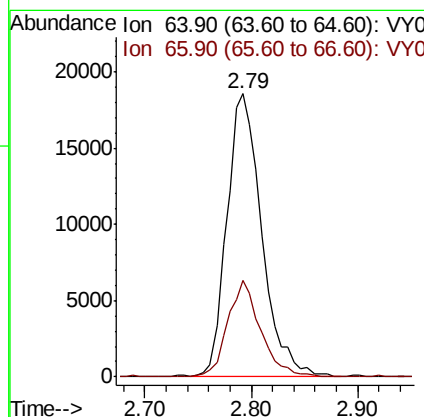
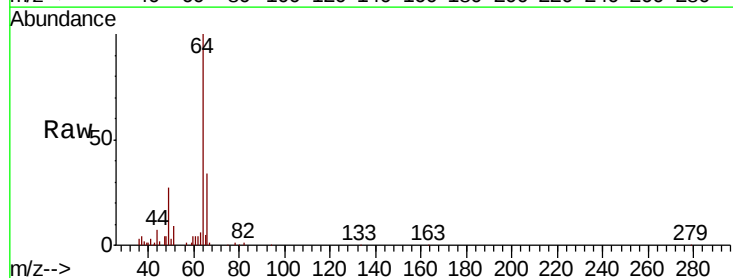
Acq: 08 Oct 2019 20:44

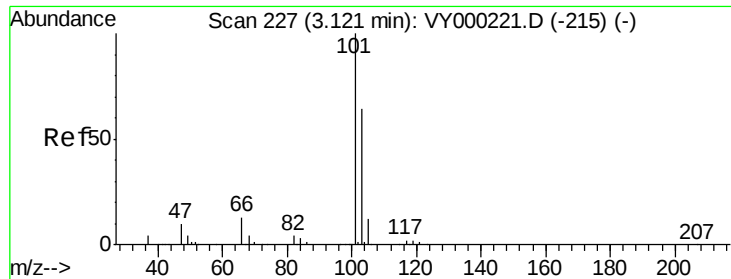
Tgt Ion: 64 Resp: 42659

Ion Ratio Lower Upper

64 100

66 33.6 24.5 36.7





#7

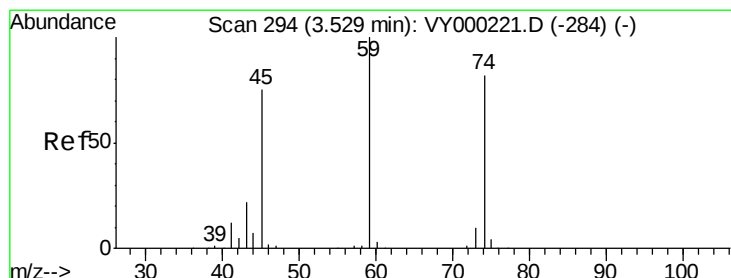
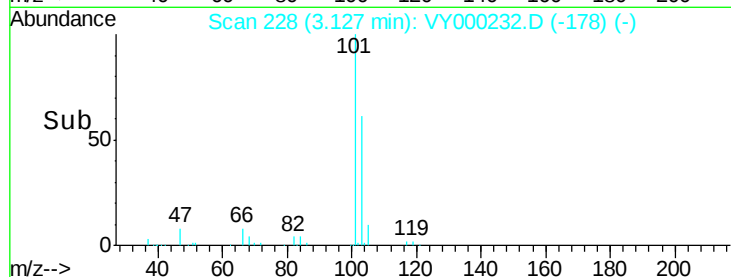
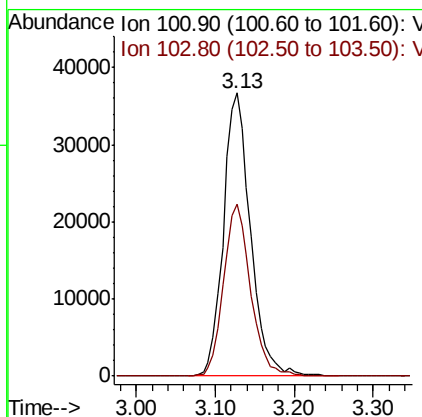
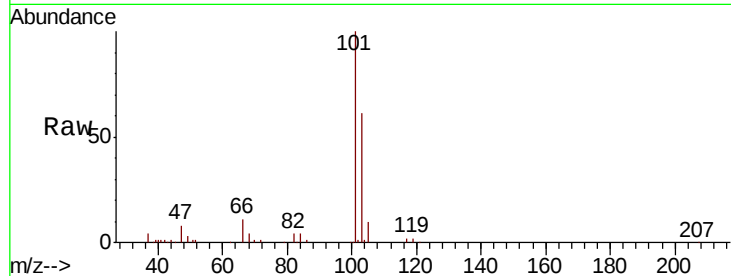
Trichlorofluoromethane
Concen: 17.843 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.01 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
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ClientSampleId :
VY1008WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.6	51.0	76.6

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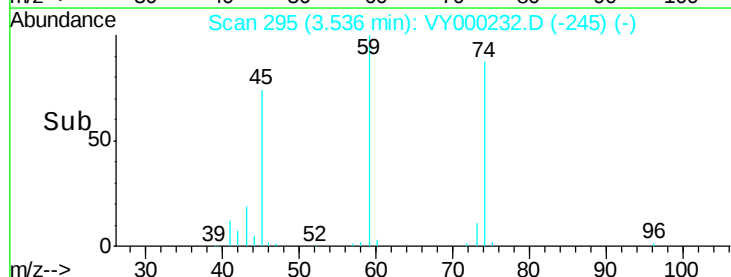
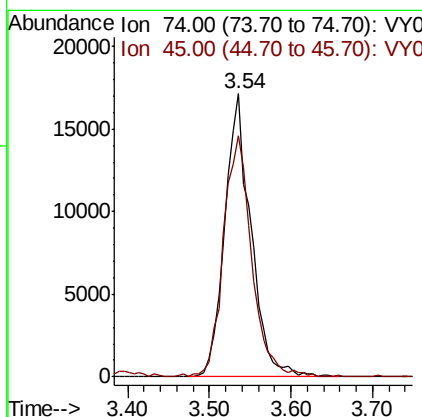
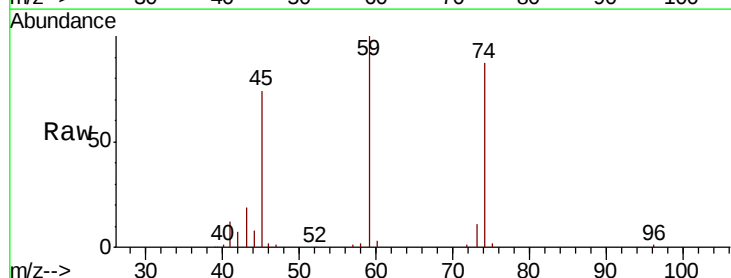
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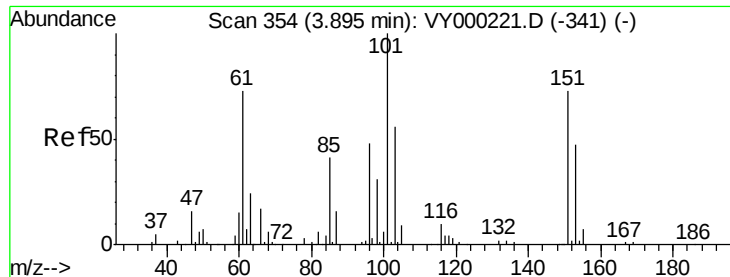


#8

Diethyl Ether
Concen: 16.971 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.0	45.8	137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.448 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

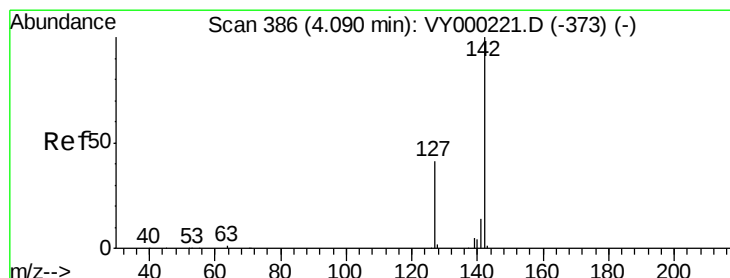
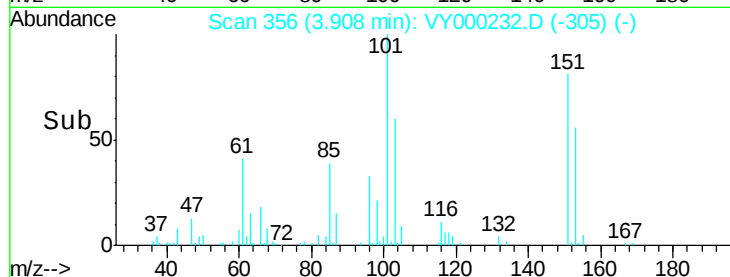
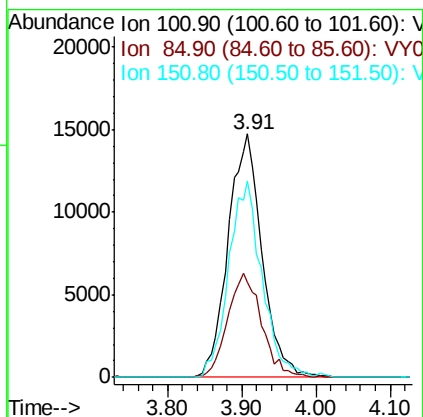
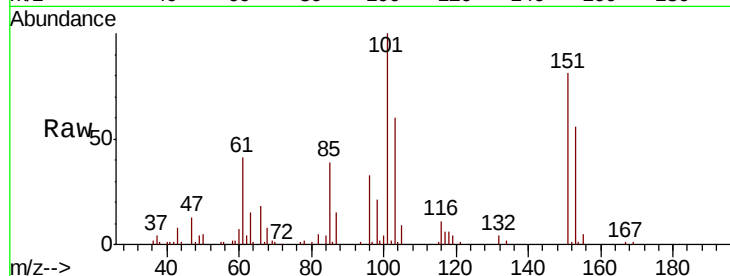
ClientSampleId :

VY1008WBS01

Tot Ion:	101	Resp:	47027
Ion Ratio	Lower	Upper	
101	100		
85	42.6	37.0	55.6
151	79.2	63.0	94.4

Manual Integrations
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#10

Methyl Iodide

Concen: 14.250 ug/l

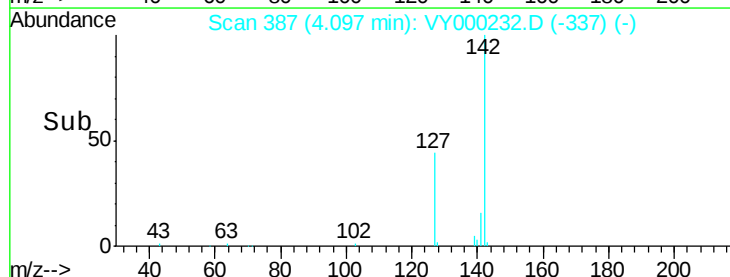
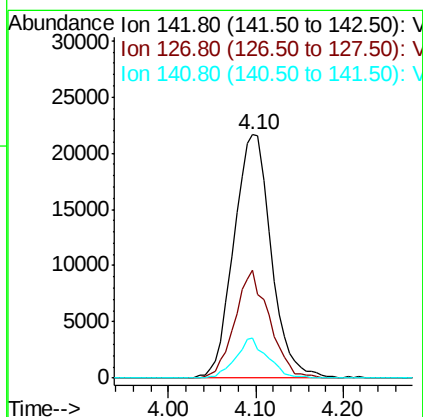
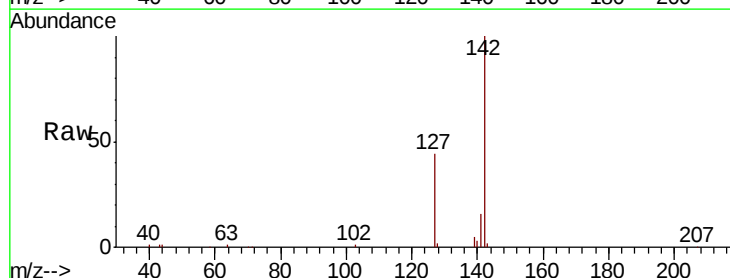
RT: 4.10 min Scan# 387

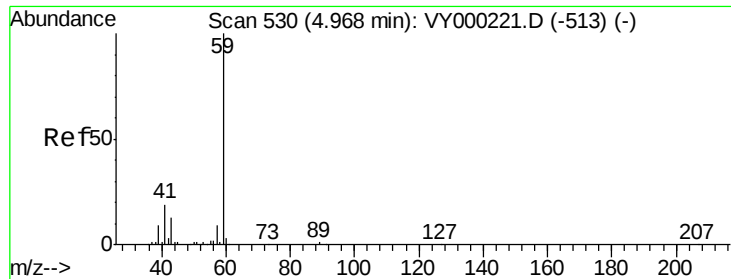
Delta R.T. 0.01 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Tgt Ion:	142	Resp:	64251
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.0	49.6
141	14.0	11.0	16.4





#11

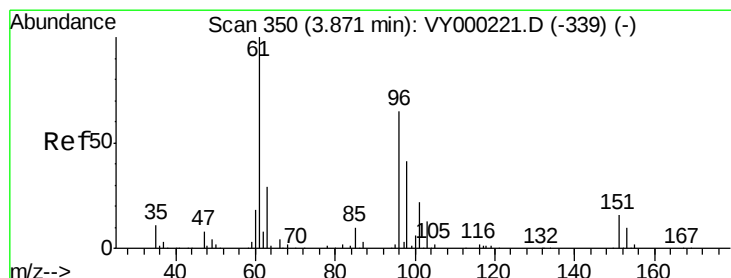
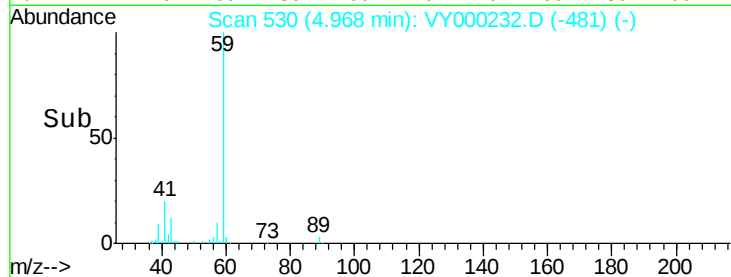
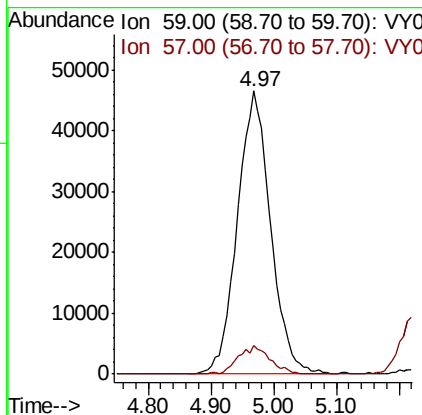
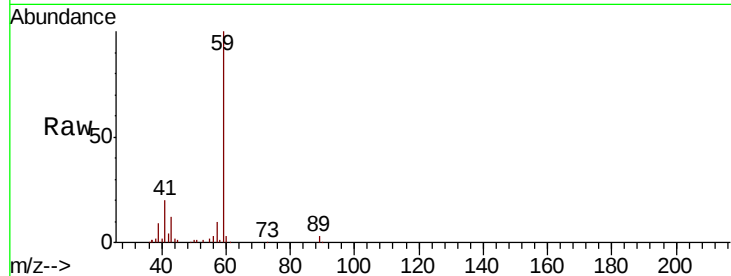
Tert butyl alcohol
Concen: 90.298 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.0	12.0

Manual Integrations
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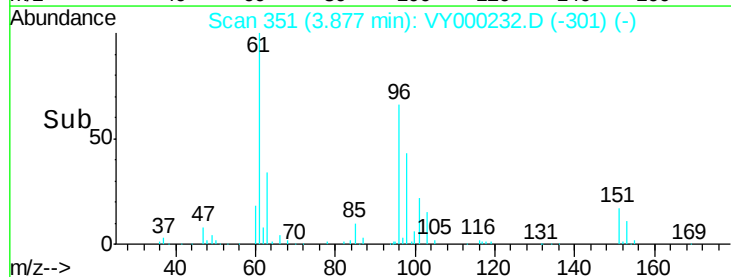
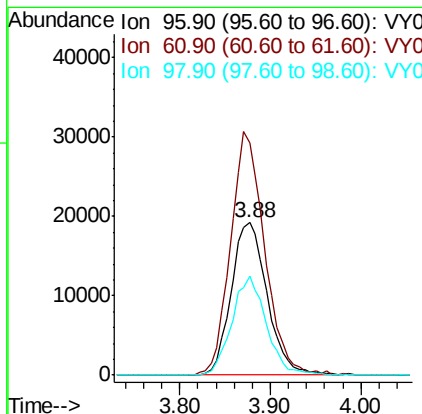
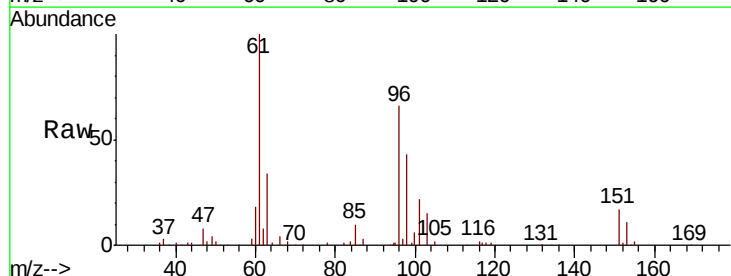
MMDadoda
10/10/2019 12:52:33 AM

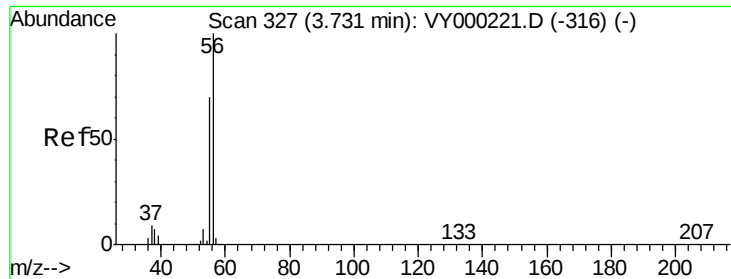


#12

1,1-Dichloroethene
Concen: 17.817 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.01 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.7	123.8	185.8
98	64.5	50.9	76.3





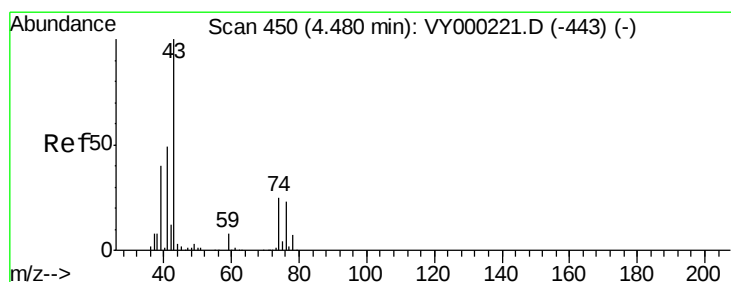
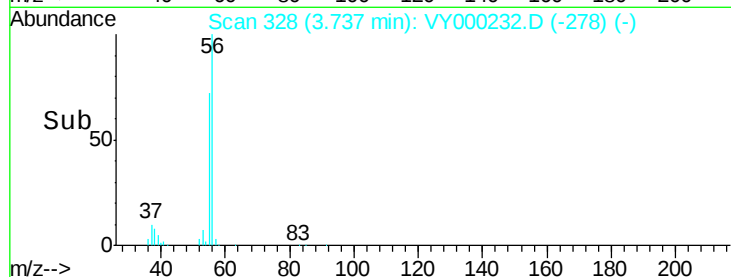
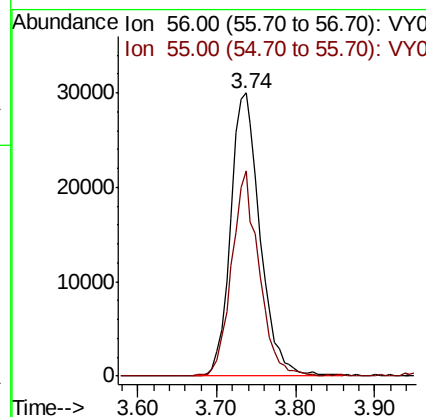
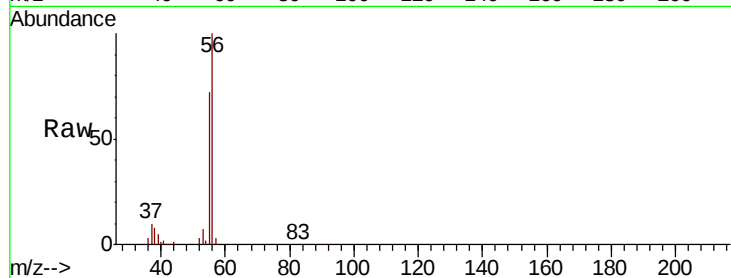
#13
Acrolein
Concen: 78.524 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.01 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion: 56 Resp: 77755
Ion Ratio Lower Upper
56 100
55 67.5 55.2 82.8

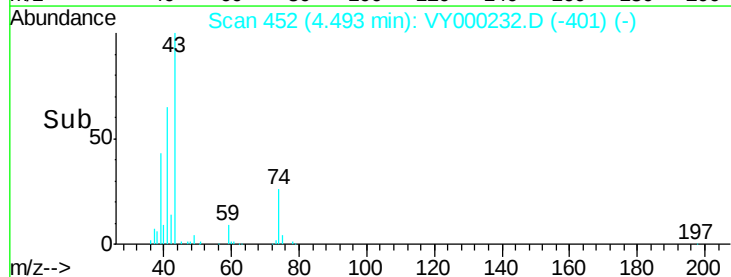
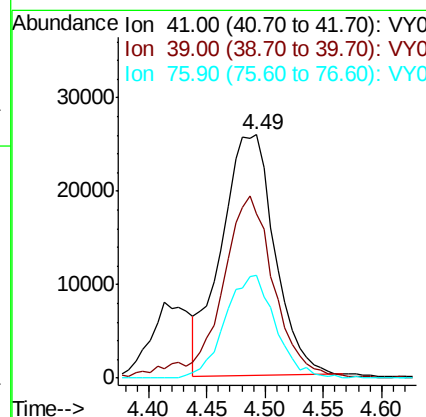
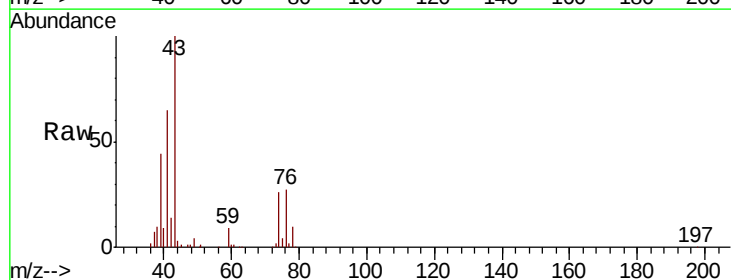
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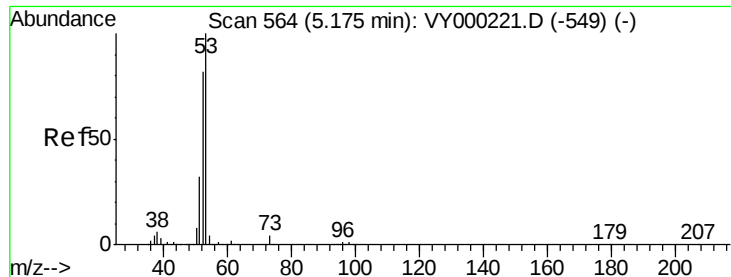
MMDadoda
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#14
Allyl chloride
Concen: 16.419 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion: 41 Resp: 82123
Ion Ratio Lower Upper
41 100
39 75.1 56.4 84.6
76 40.2 30.8 46.2





#15

Acrylonitrile

Concen: 87.894 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

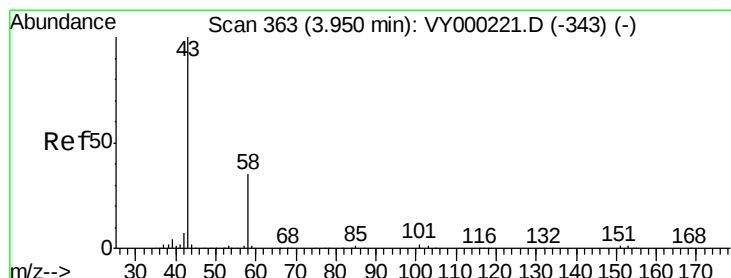
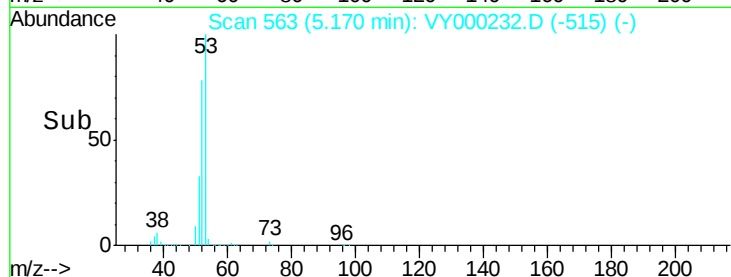
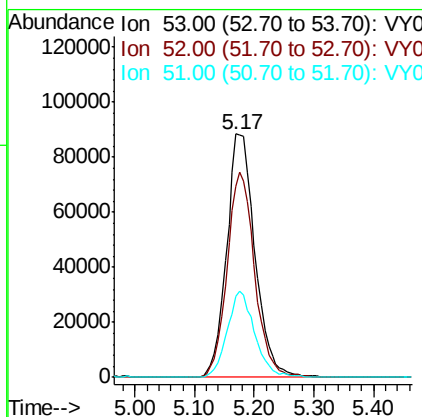
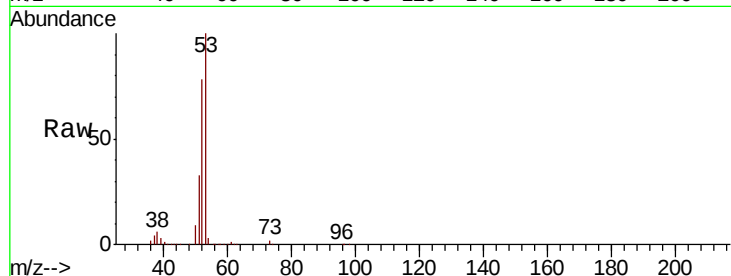
ClientSampleId :

VY1008WBS01

Tot Ion:	53	Resp:	292685
Ion Ratio	Lower	Upper	
53	100		
52	81.8	65.4	98.2
51	34.5	27.2	40.8

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#16

Acetone

Concen: 95.119 ug/l

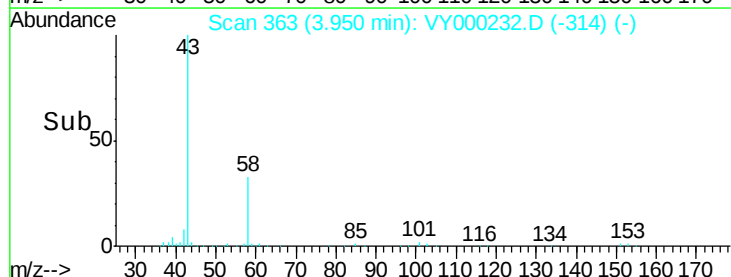
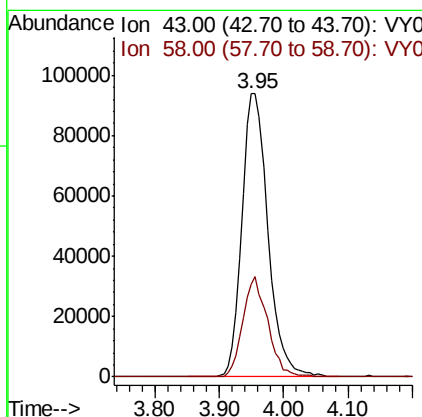
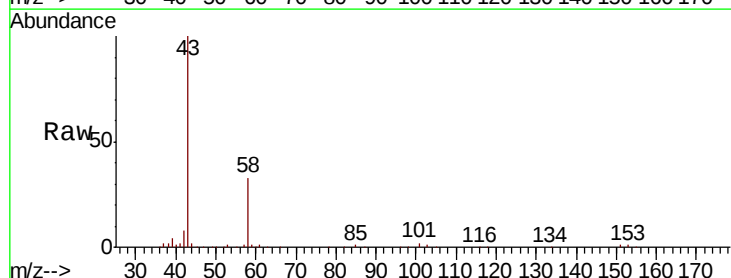
RT: 3.95 min Scan# 363

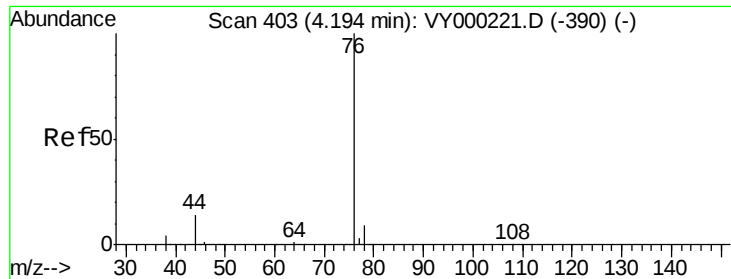
Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Tgt Ion:	43	Resp:	261586
Ion Ratio	Lower	Upper	
43	100		
58	32.6	28.2	42.4





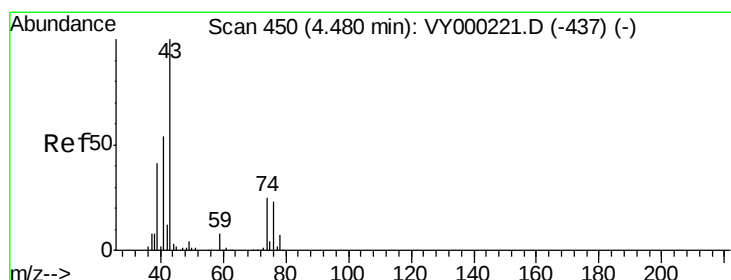
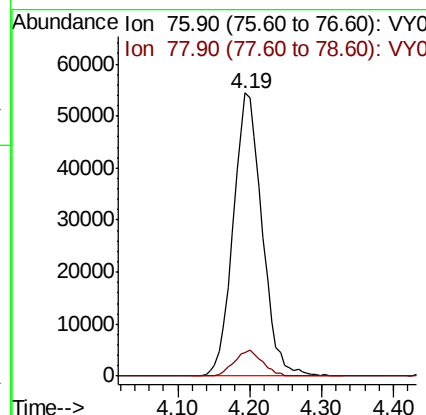
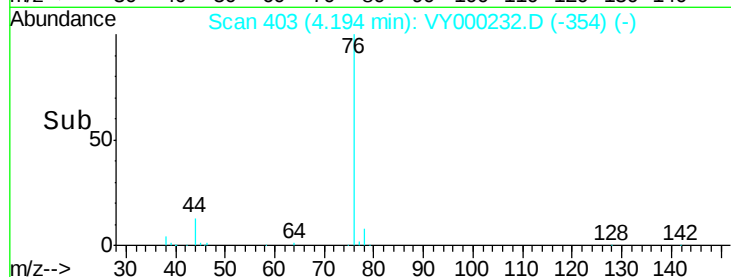
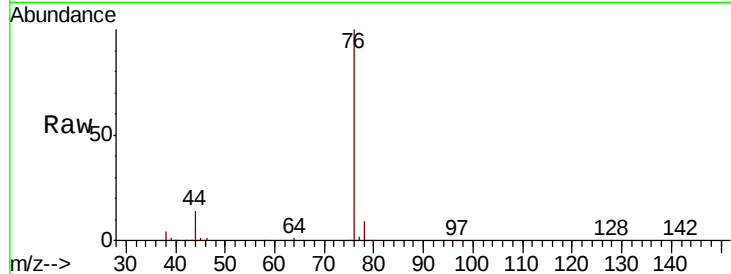
#17
Carbon Disulfide
Concen: 17.275 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.0	10.6

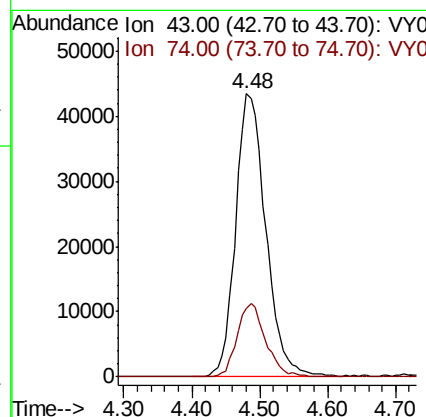
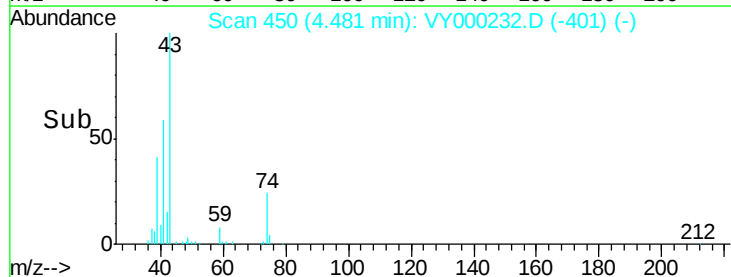
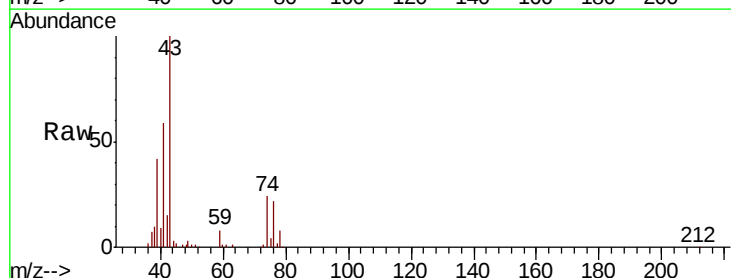
Manual Integrations
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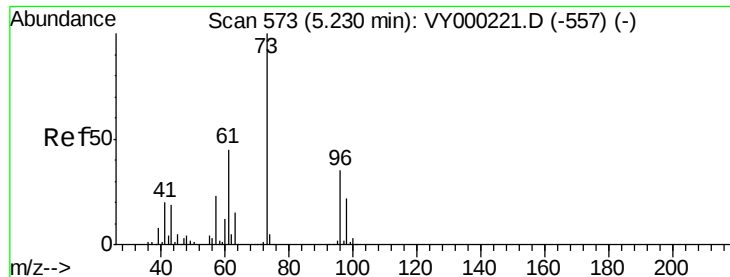
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#18
Methyl Acetate
Concen: 17.793 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.1	28.7





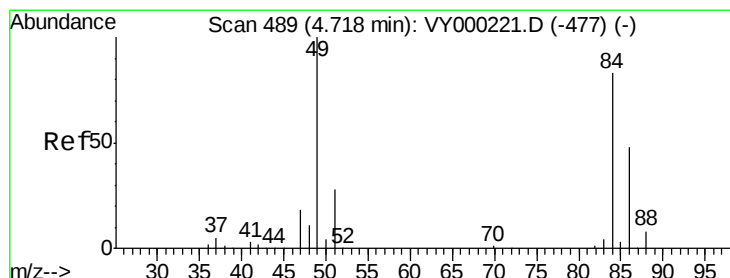
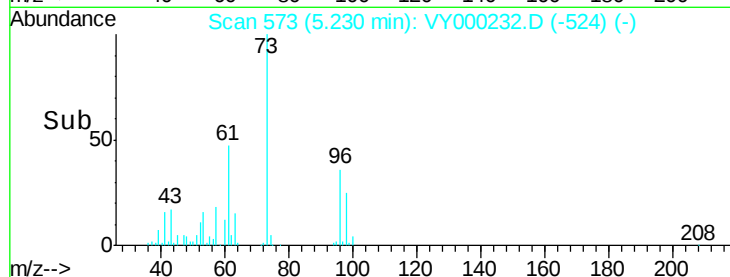
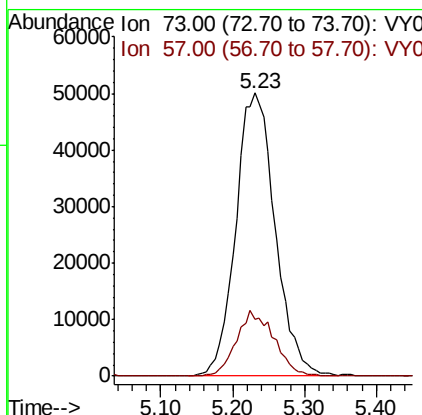
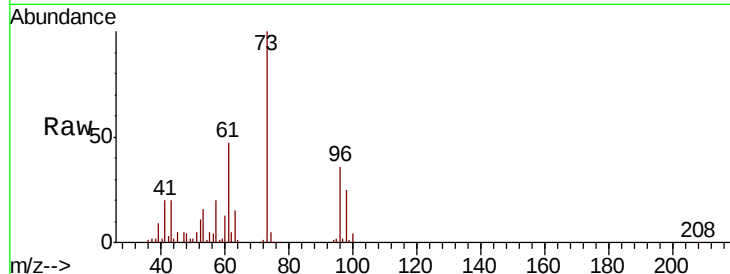
#19
Methvl tert-butvl Ether
Concen: 17.480 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion: 73 Resp: 189818
Ion Ratio Lower Upper
73 100
57 20.1 18.4 27.6

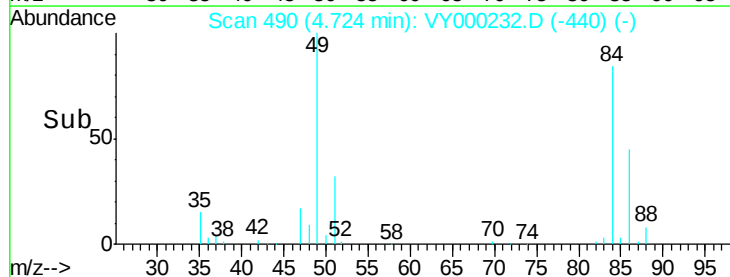
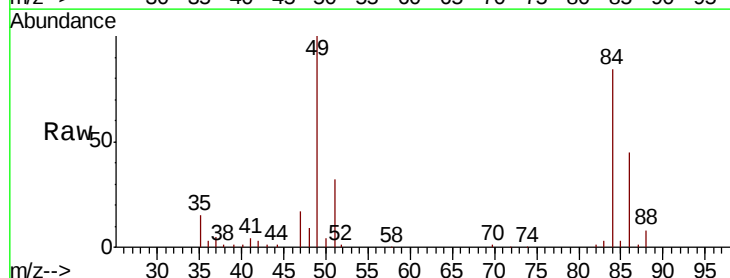
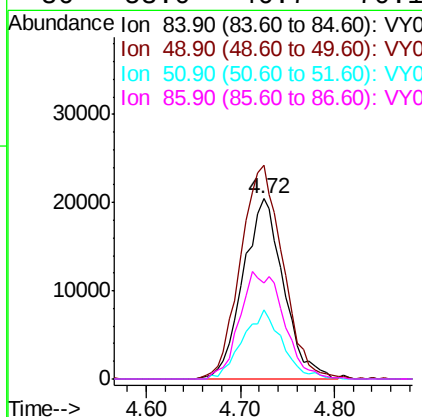
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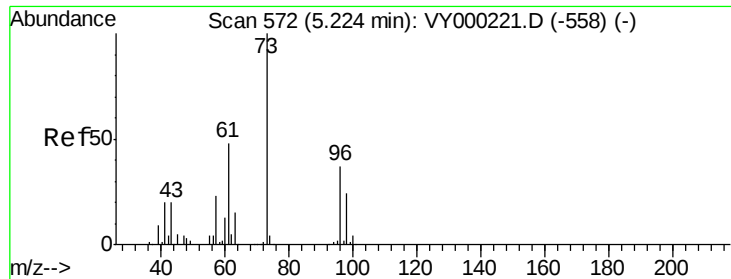
MMDadoda
10/10/2019 12:52:33 AM



#20
Methylene Chloride
Concen: 17.085 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion: 84 Resp: 61725
Ion Ratio Lower Upper
84 100
49 118.5 96.2 144.2
51 38.1 26.6 39.8
86 53.0 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 17.245 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBS01

Tot Ion: 96 Resp: 57582

Ion Ratio Lower Upper

96 100

61 129.9 104.2 156.2

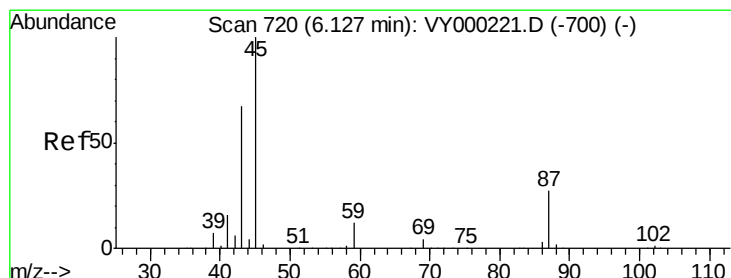
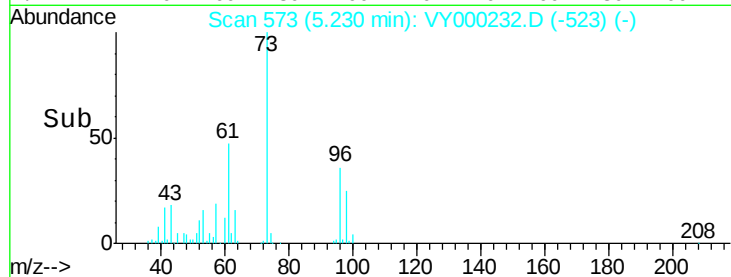
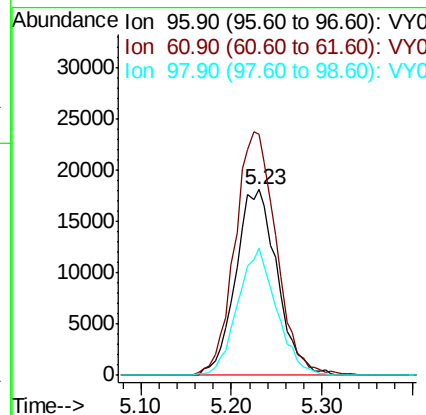
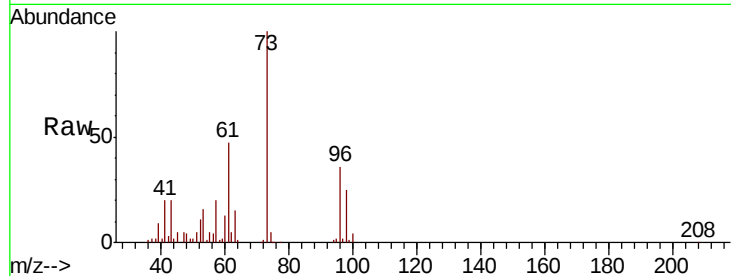
98 68.3 51.0 76.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 16.839 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Tgt Ion: 45 Resp: 195125

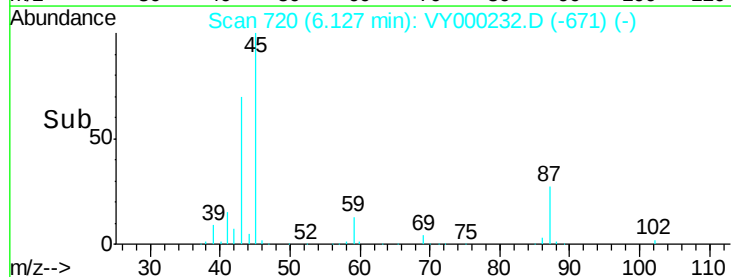
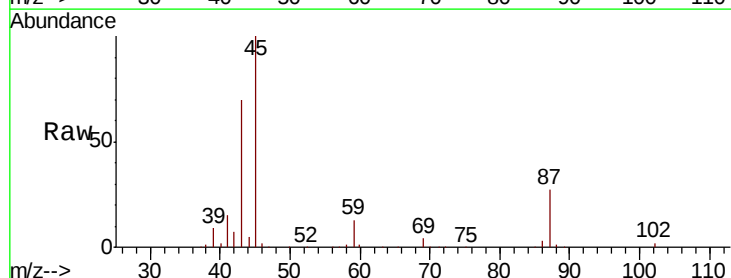
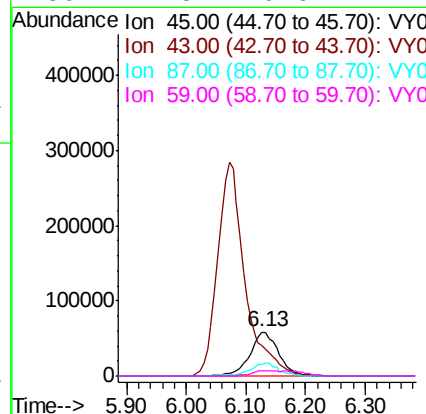
Ion Ratio Lower Upper

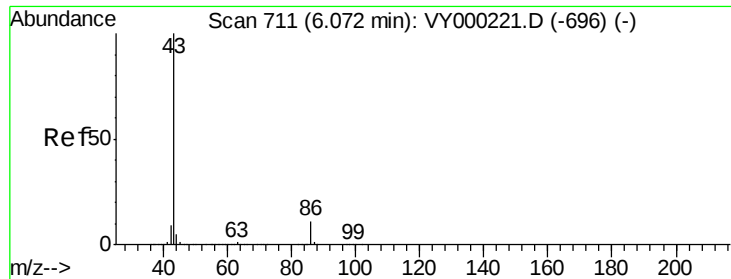
45 100

43 69.6 53.4 80.2

87 27.1 21.7 32.5

59 12.8 9.6 14.4





#23

Vinyl Acetate

Concen: 80.470 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBS01

Tot Ion: 43 Resp: 904092

Ion Ratio Lower Upper

43 100

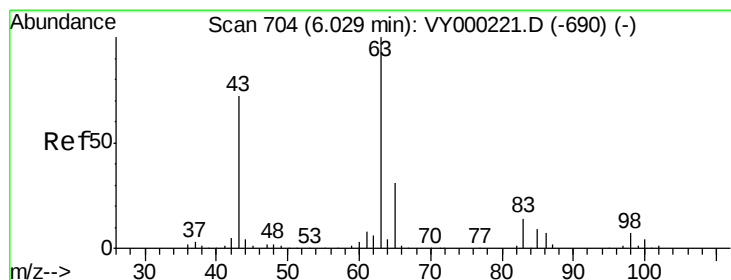
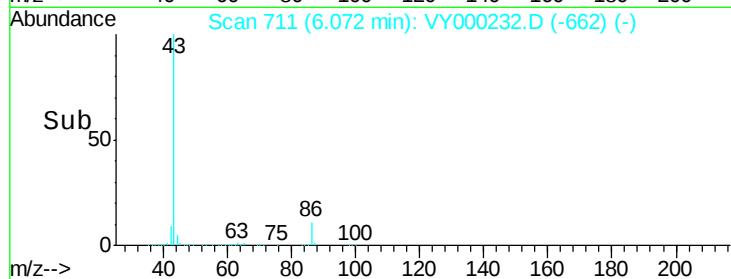
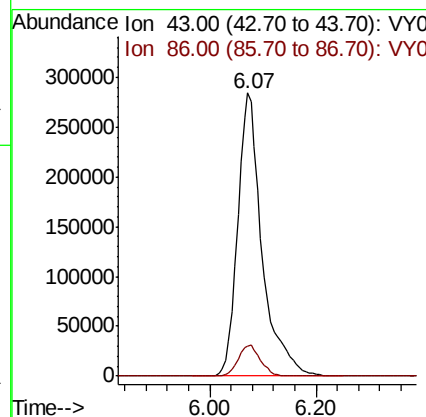
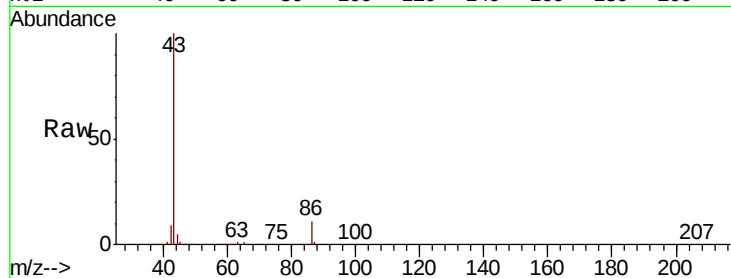
86 10.6 8.5 12.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.135 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

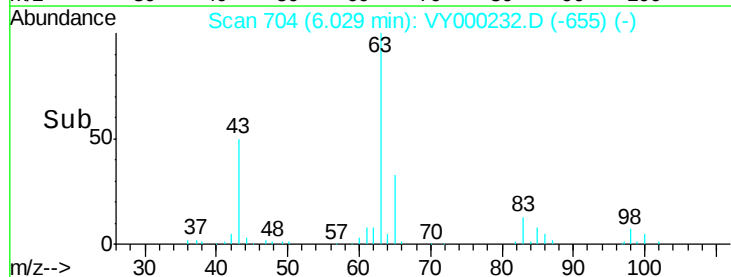
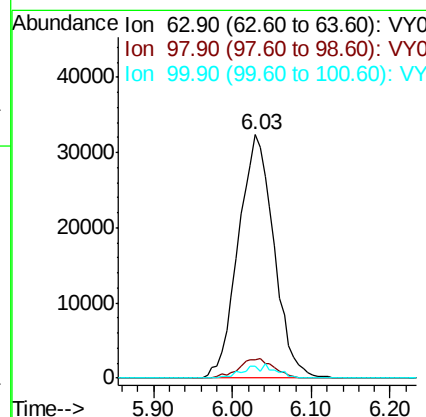
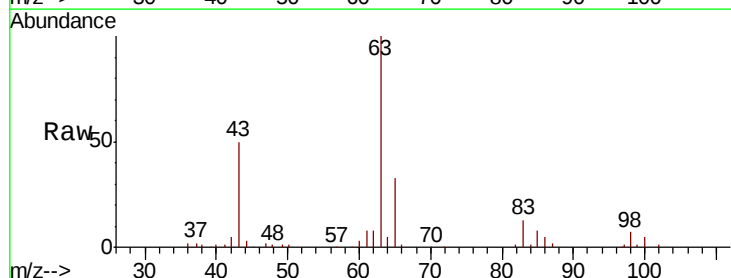
Tgt Ion: 63 Resp: 101282

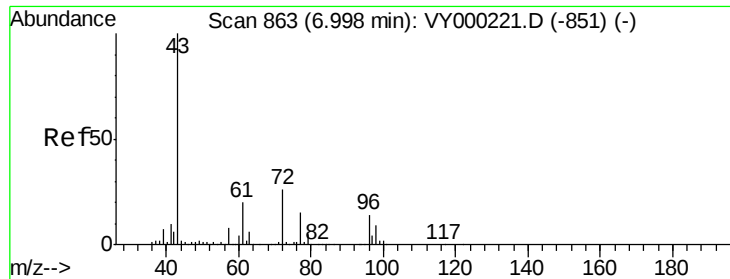
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

100 5.0 2.1 6.5





#25

2-Butanone

Concen: 92.551 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBS01

Tot Ion: 43 Resp: 470861

Ion Ratio Lower Upper

43 100

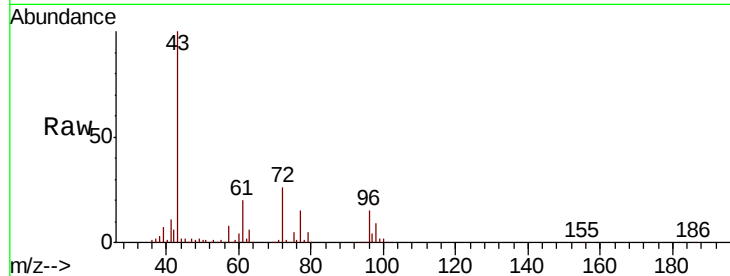
72 26.2 20.6 31.0

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

200000

150000

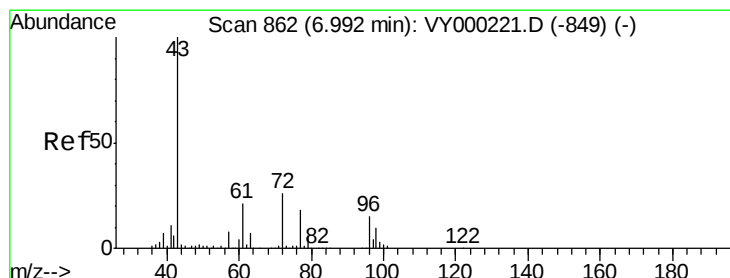
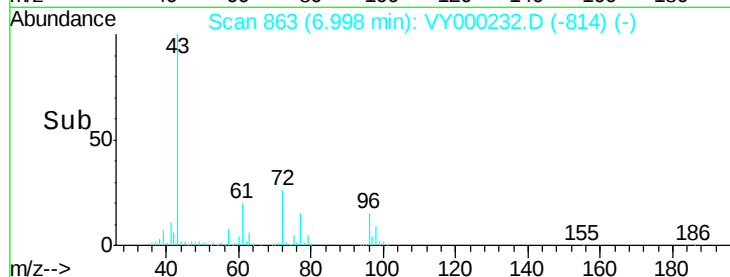
100000

50000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 15.553 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000232.D

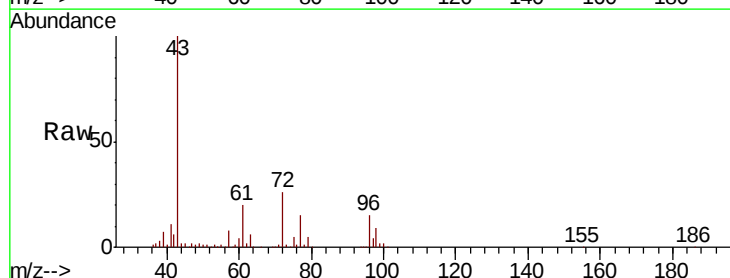
Acq: 08 Oct 2019 20:44

Tgt Ion: 77 Resp: 82983

Ion Ratio Lower Upper

77 100

97 24.4 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

30000

25000

20000

15000

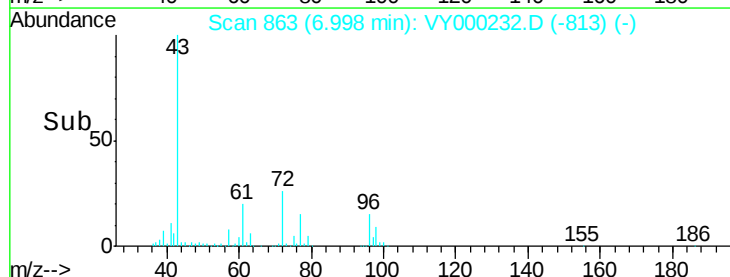
10000

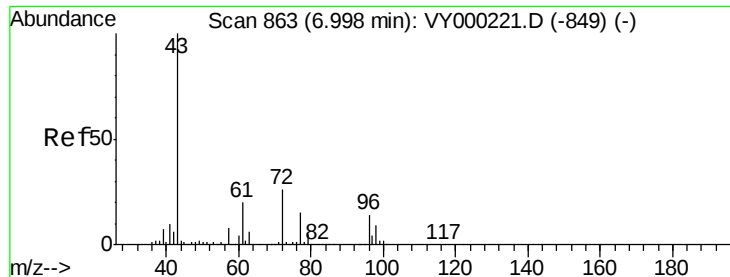
5000

0

6.90 7.00 7.10

Time-->





#27

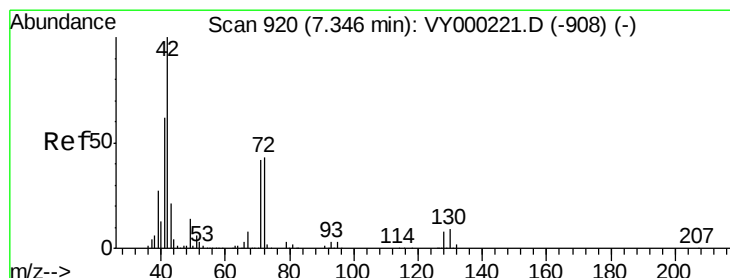
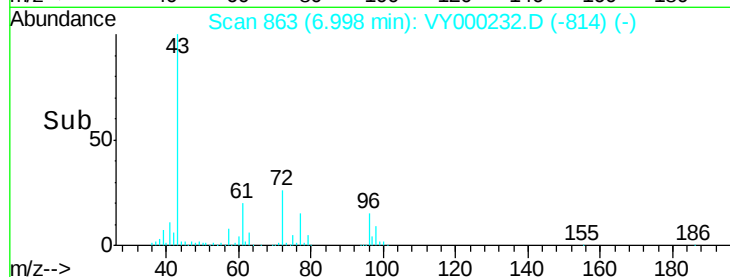
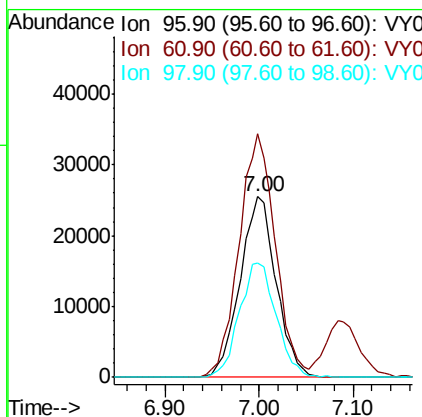
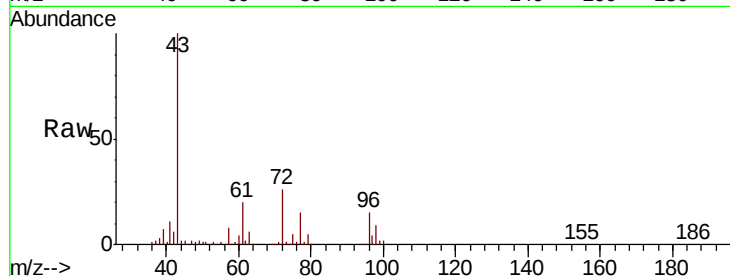
cis-1,2-Dichloroethene
Concen: 17.373 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	68331		
61	135.7		0.0	282.6
98	64.4		0.0	129.8

Manual Integrations
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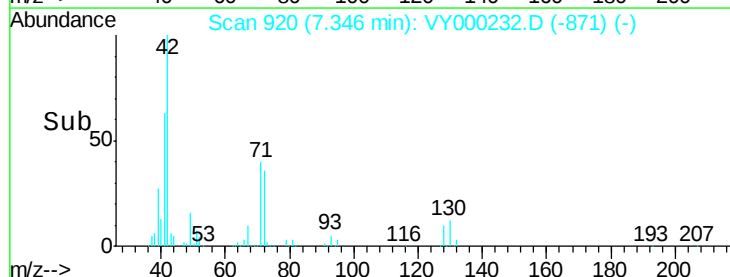
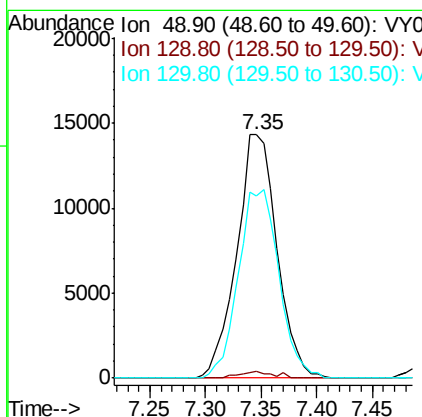
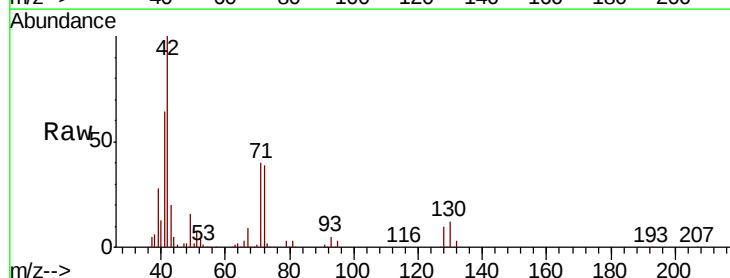
MMDadoda
10/10/2019 12:52:33 AM

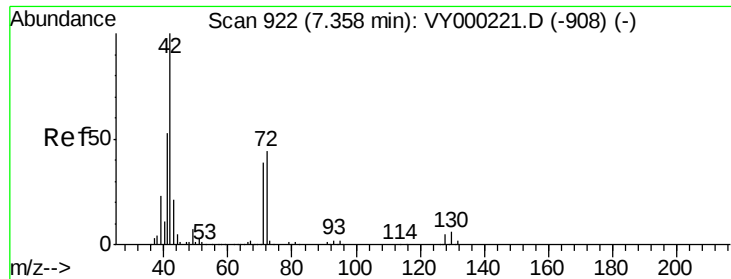


#28

Bromochloromethane
Concen: 18.541 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	36071		
129	2.2		0.0	3.2
130	78.1		56.5	84.7





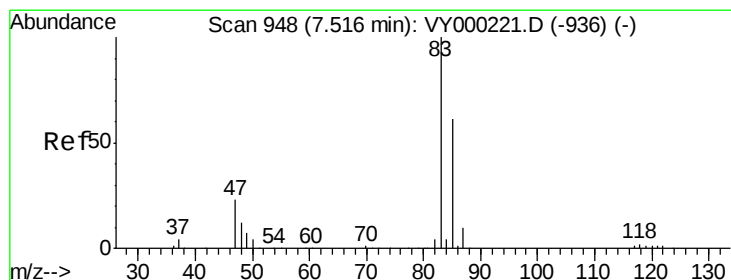
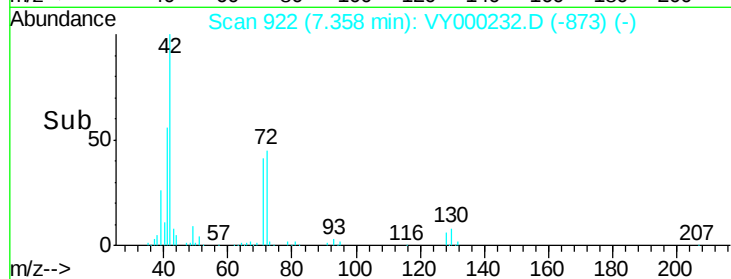
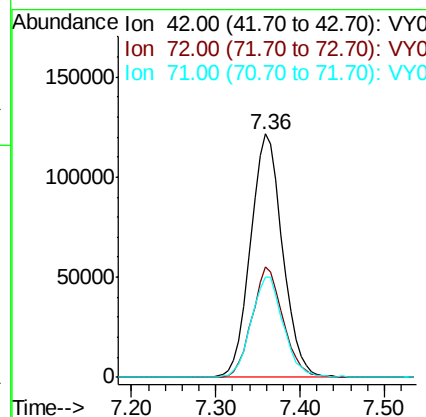
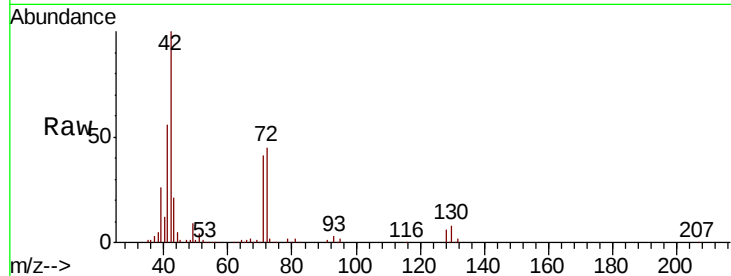
#29
Tetrahydrofuran
Concen: 87.797 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.6	51.8
71	41.2	31.9	47.9

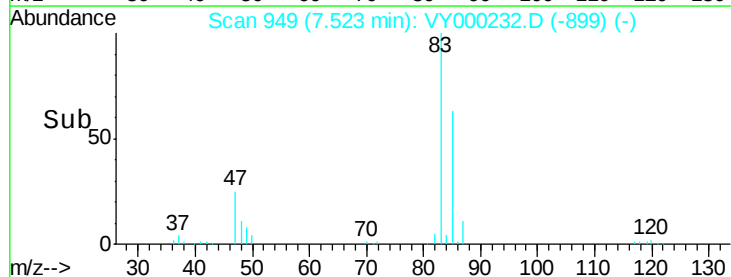
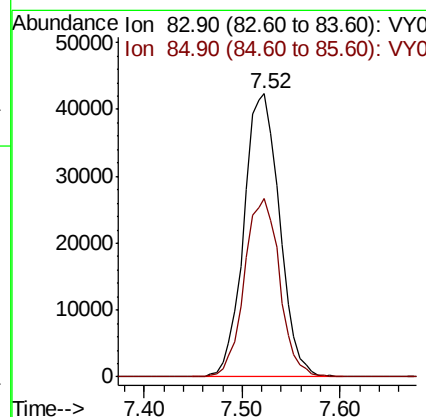
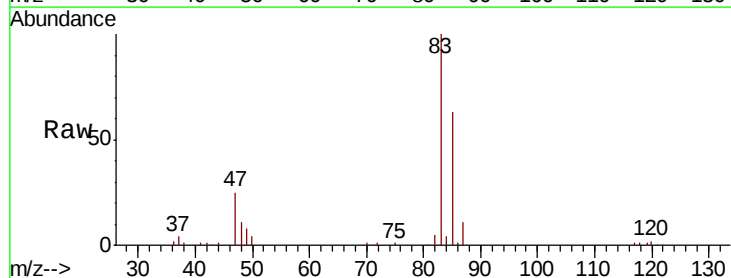
Manual Integrations
APPROVED

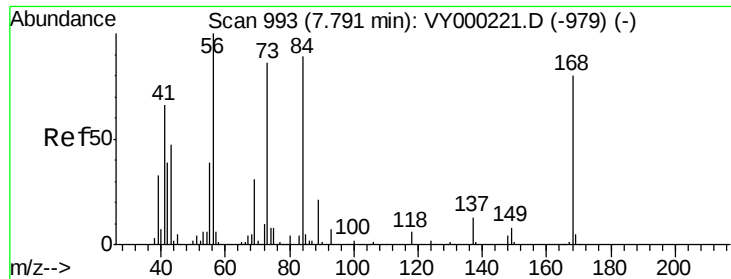
MMDadoda
10/10/2019 12:52:33 AM



#30
Chloroform
Concen: 17.523 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	48.9	73.3





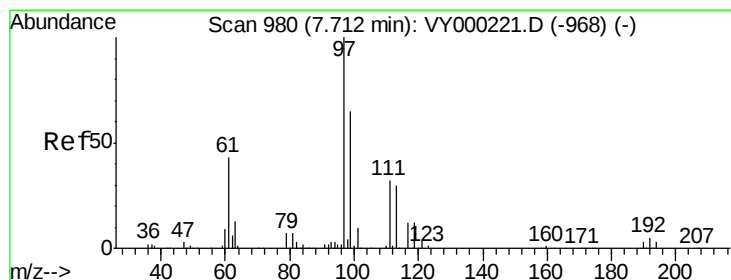
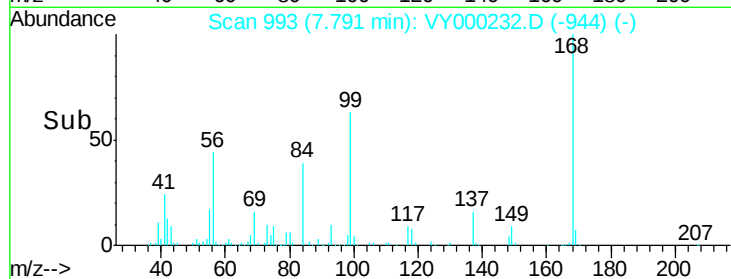
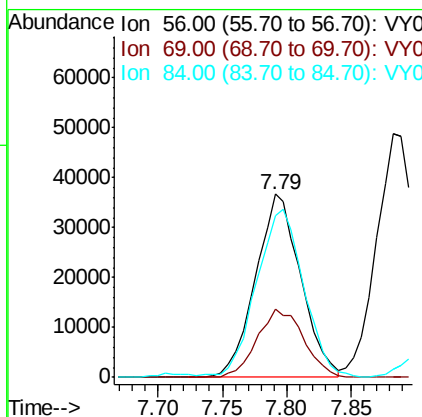
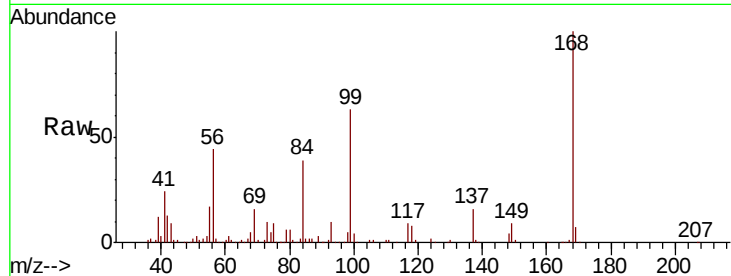
#31
Cyclohexane
Concen: 14.966 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.9	24.7	37.1
84	86.5	71.3	106.9

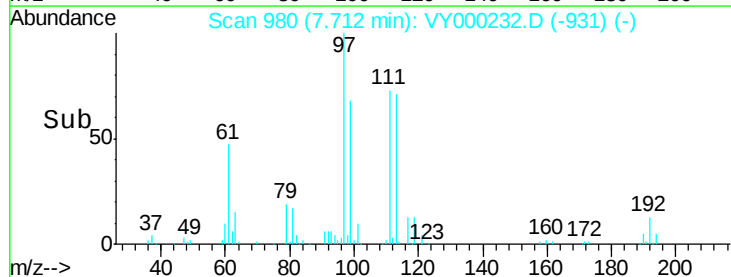
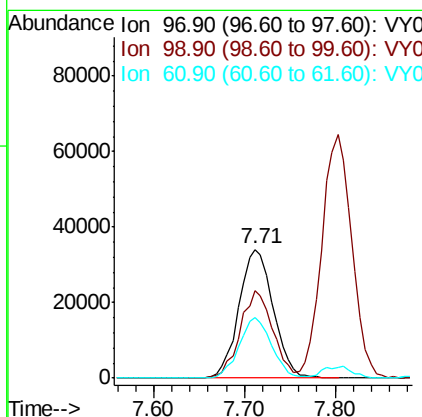
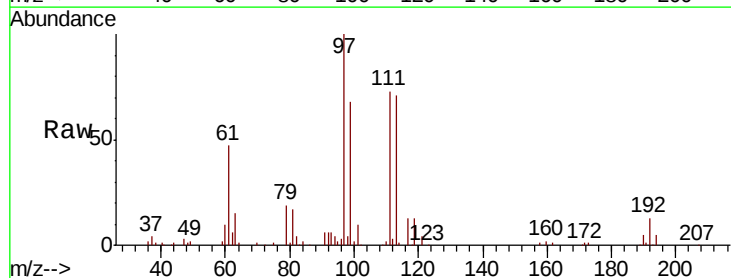
Manual Integrations
APPROVED

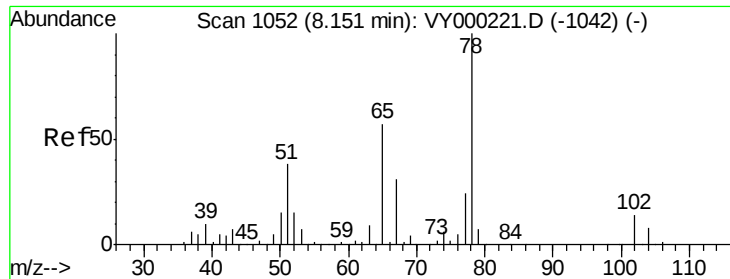
MMDadoda
10/10/2019 12:52:33 AM



#32
1,1,1-Trichloroethane
Concen: 17.147 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	44.6	34.2	51.4





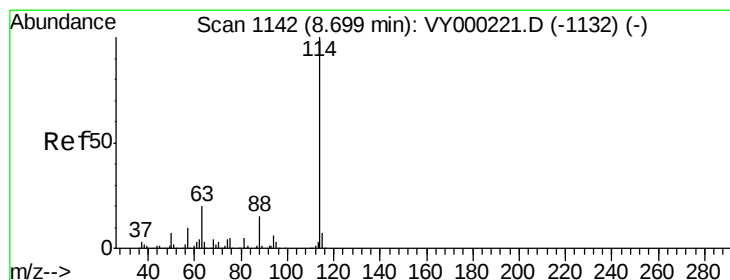
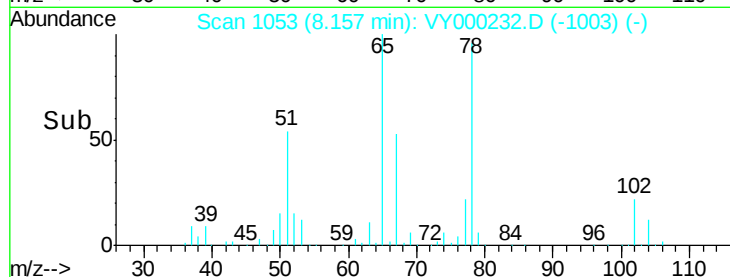
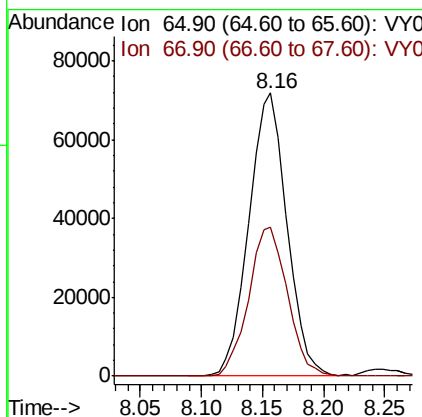
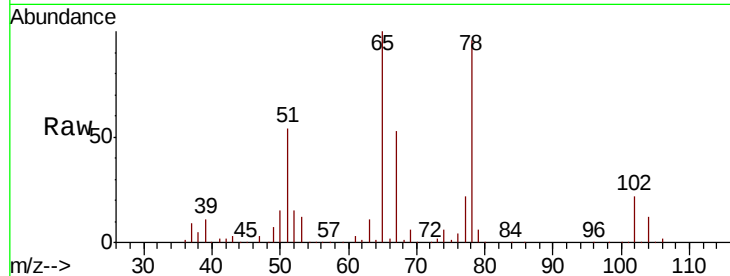
#33
 1,2-Dichloroethane-d4
 Concen: 44.752 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000232.D
 Acq: 08 Oct 2019 20:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.7	0.0	109.0	

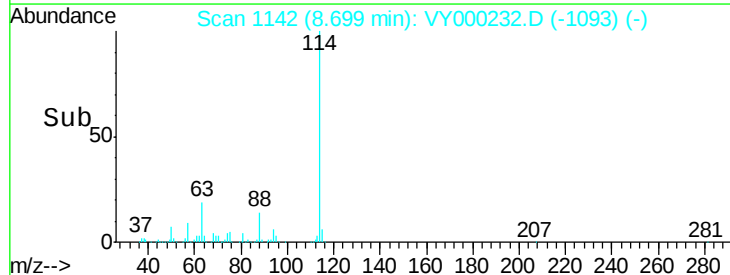
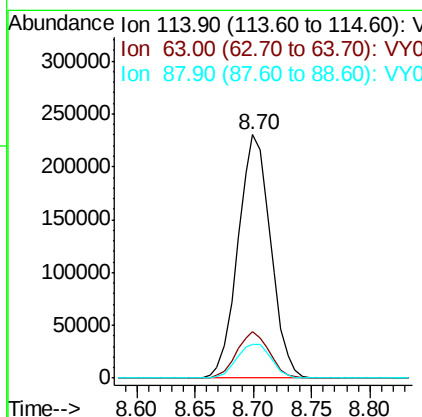
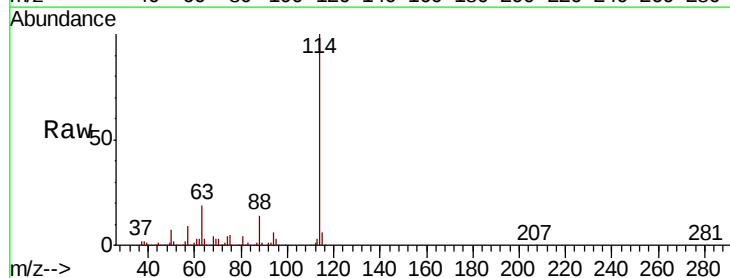
Manual Integrations
 APPROVED

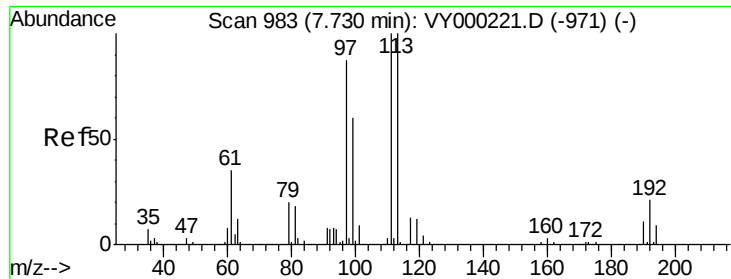
MMDadoda
 10/10/2019 12:52:33 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000232.D
 Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.2	0.0	39.0	
88	14.0	0.0	30.6	





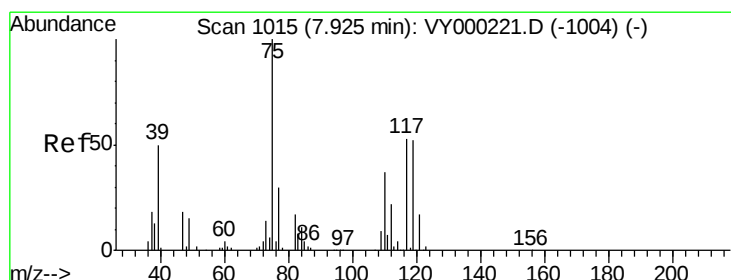
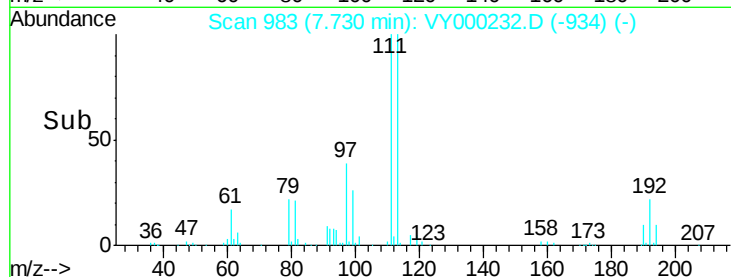
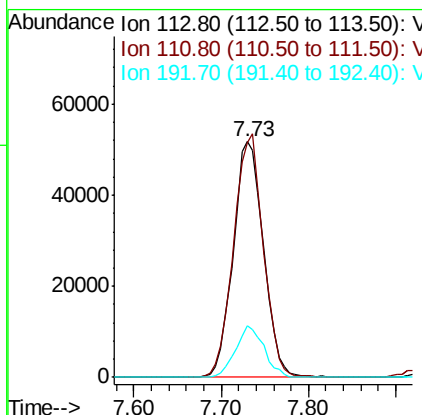
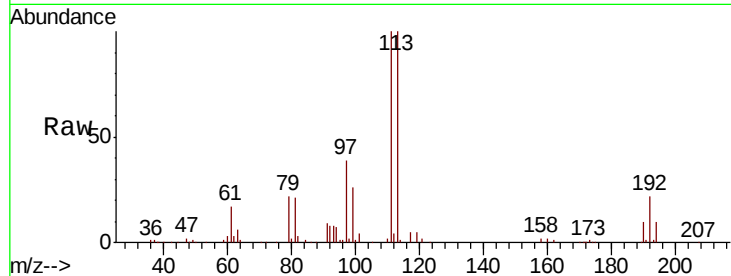
#35
Dibromofluoromethane
Concen: 44.417 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	124.0
192	20.6	15.8	23.8

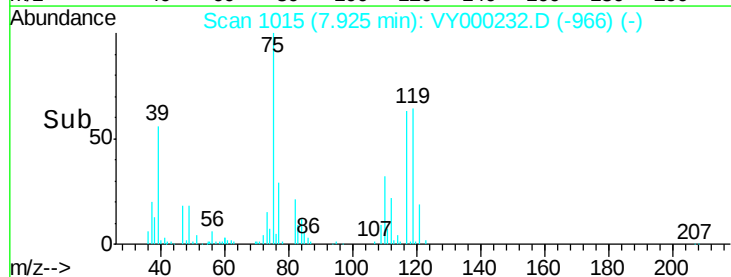
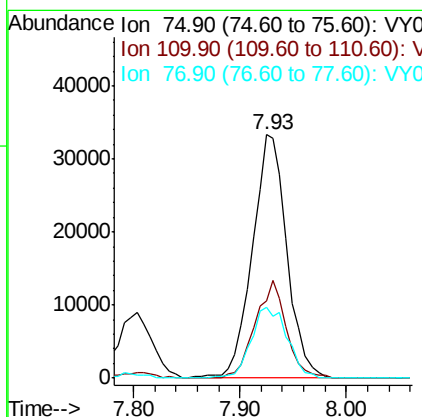
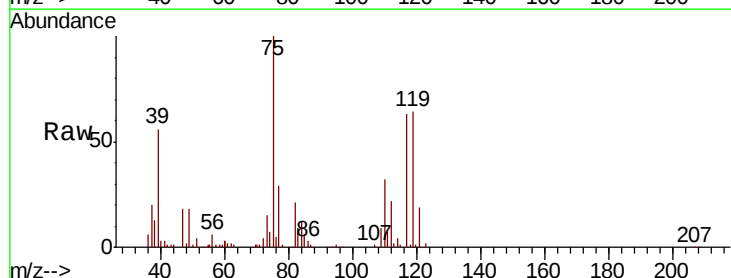
Manual Integrations
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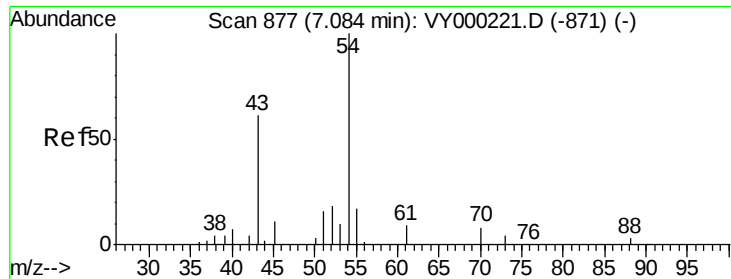
MMDadoda
10/10/2019 12:52:33 AM



#36
1,1-Dichloropropene
Concen: 16.481 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.4	55.2
77	30.6	24.7	37.1





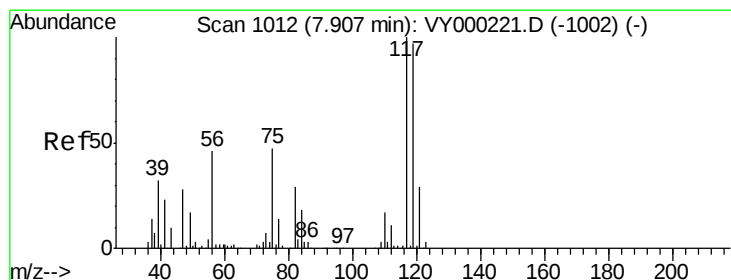
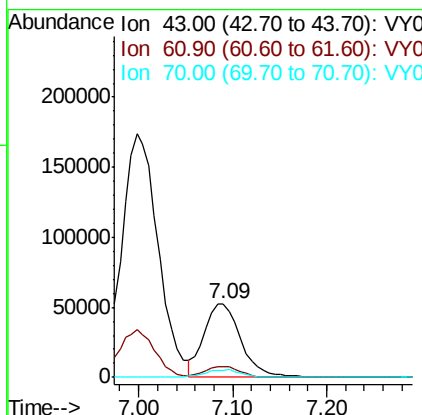
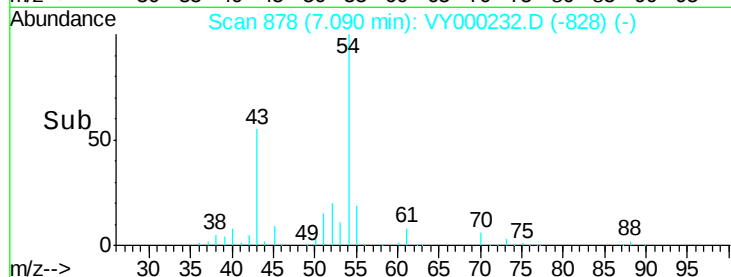
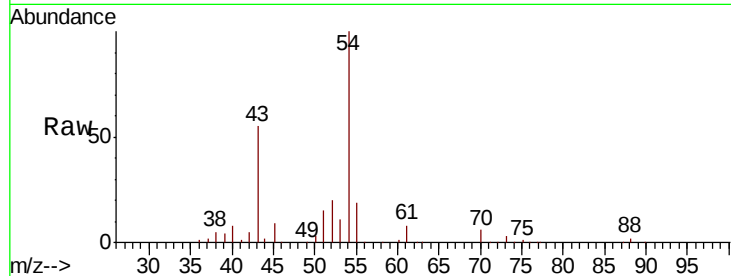
#37
Ethyl Acetate
Concen: 17.058 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	43	61	70
Resp	141544		
Ratio	100	14.4	10.5
Lower		11.1	8.5
Upper		16.7	12.7

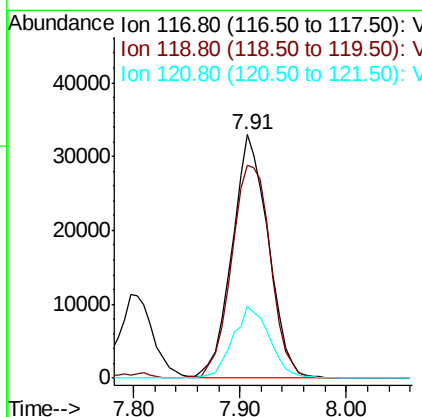
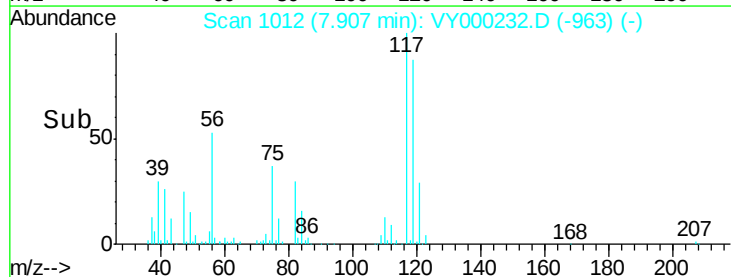
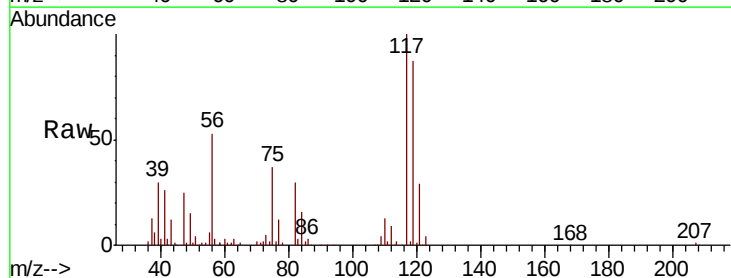
Manual Integrations
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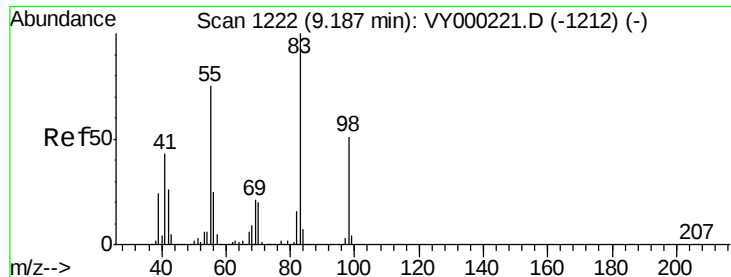
MMDadoda
10/10/2019 12:52:33 AM



#38
Carbon Tetrachloride
Concen: 17.677 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	117	119	121
Resp	79078		
Ratio	100	87.3	29.4
Lower		77.2	23.1
Upper		115.8	34.7





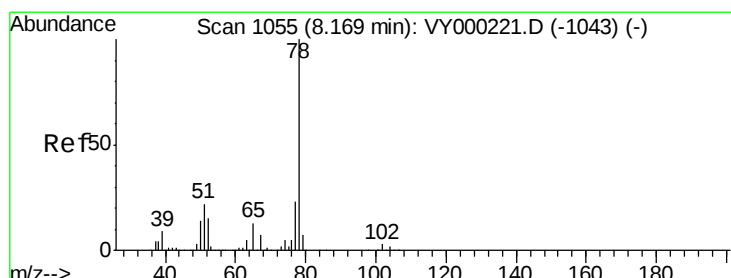
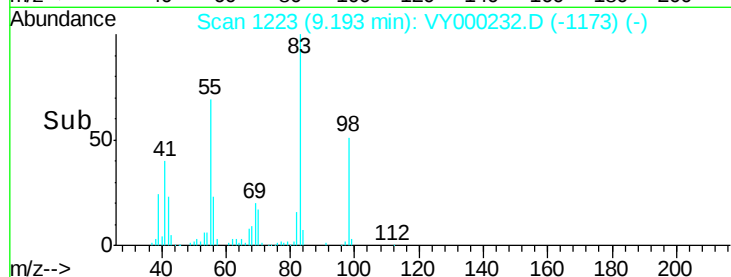
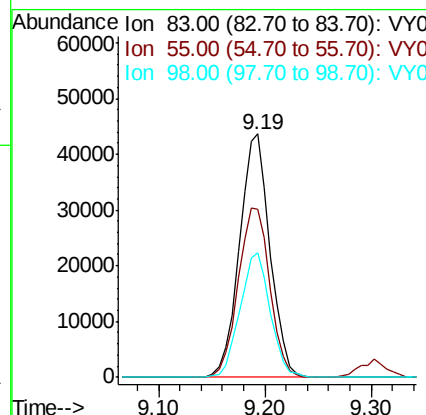
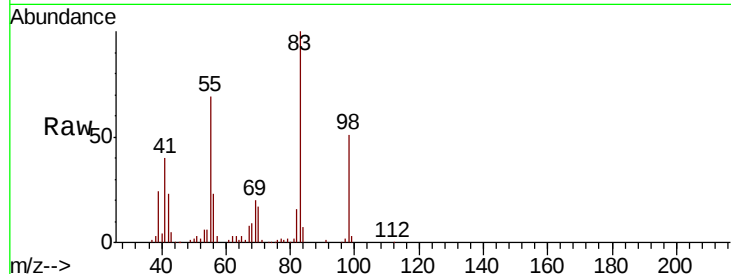
#39
Methvlcvclohexane
Concen: 15.220 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.1	60.2	90.4
98	51.0	40.5	60.7

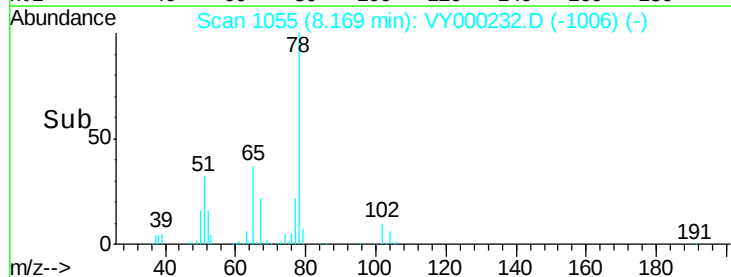
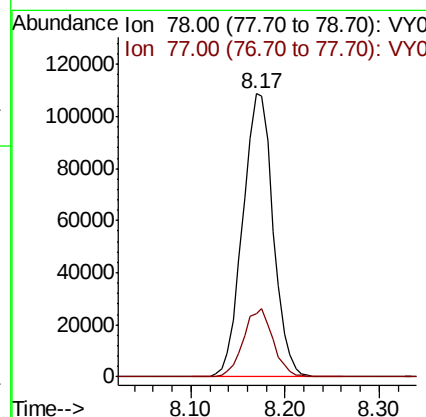
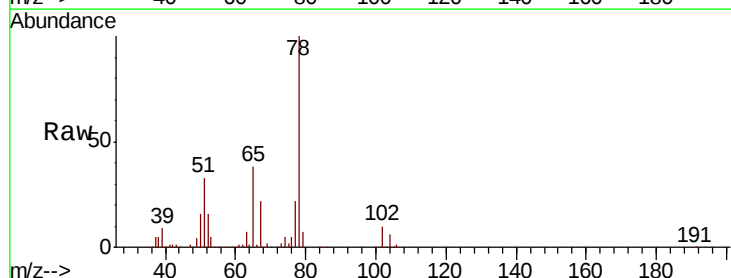
Manual Integrations
APPROVED

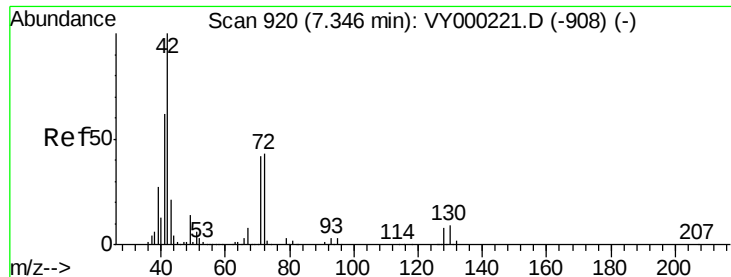
MMDadoda
10/10/2019 12:52:33 AM



#40
Benzene
Concen: 17.614 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.6	28.0





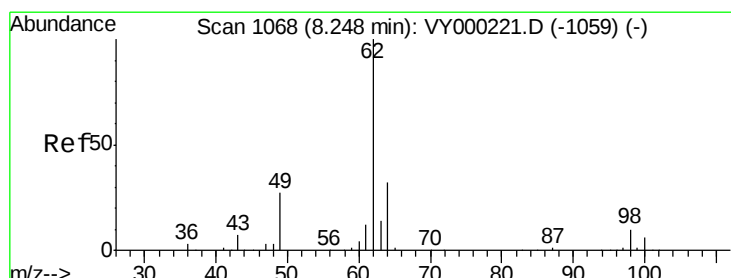
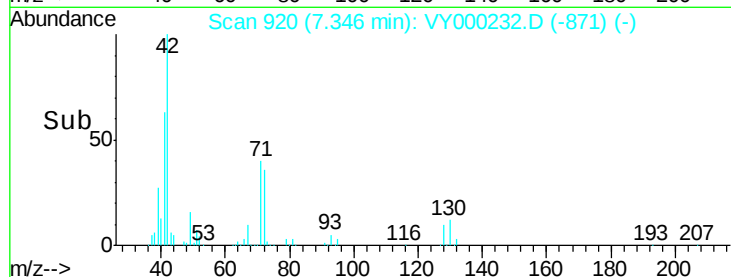
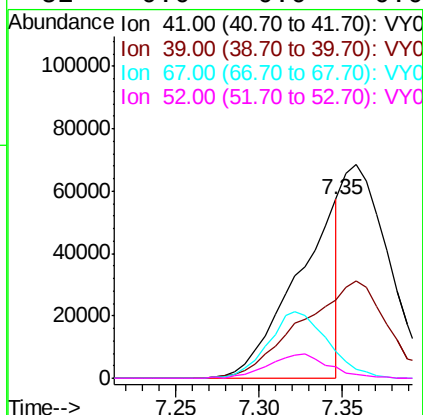
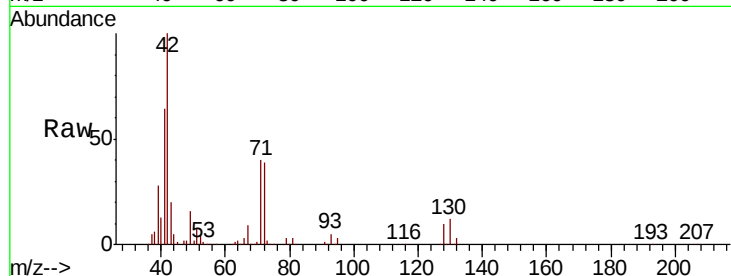
#41
Methacrylonitrile
Concen: 16.443 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	41	Resp	107388
Ion	Ratio	Lower	Upper
41	100		
39	104.3	74.7	112.1
67	0.0	0.0	0.0
52	0.0	0.0	0.0

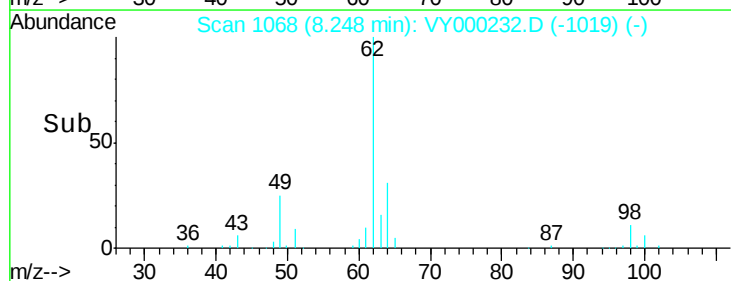
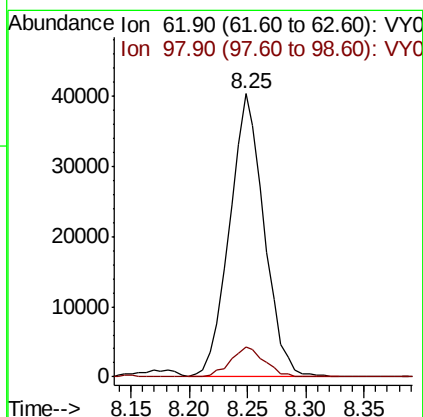
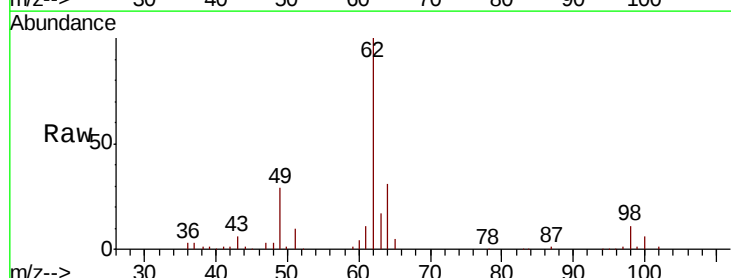
Manual Integrations
APPROVED

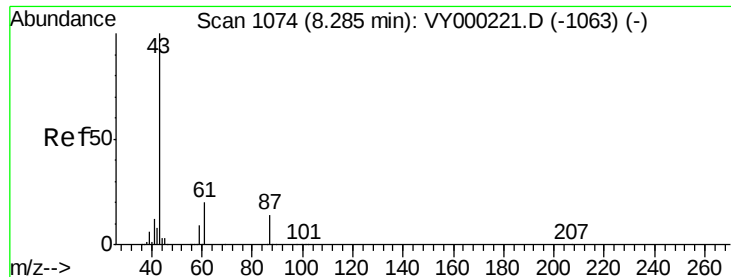
MMDadoda
10/10/2019 12:52:33 AM



#42
1,2-Dichloroethane
Concen: 18.383 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	62	Resp	83138
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.0





#43

Isopropyl Acetate

Concen: 17.782 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

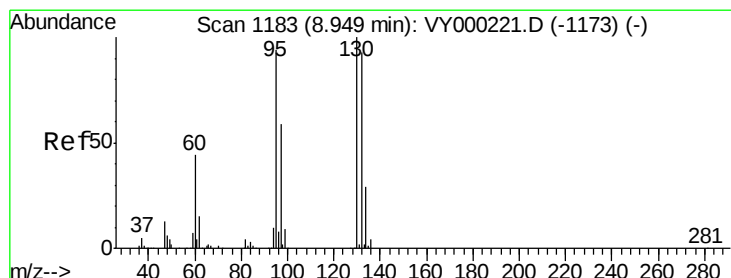
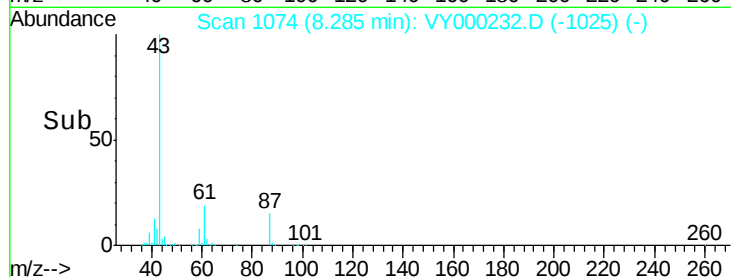
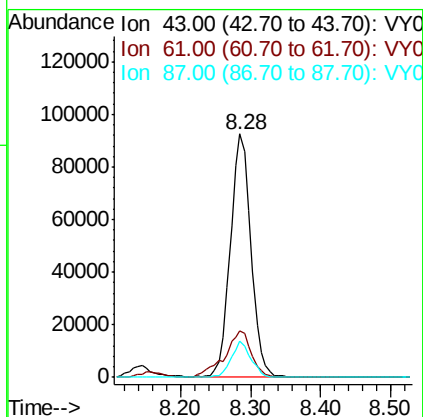
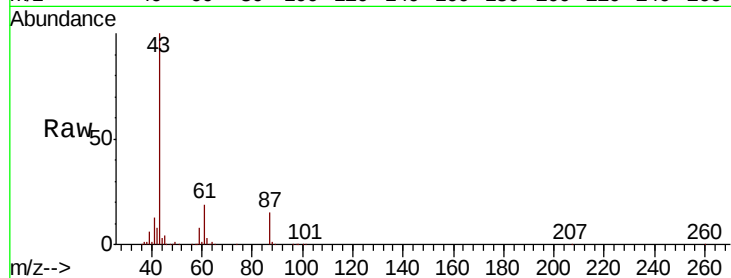
ClientSampleId :

VY1008WBS01

Tot Ion:	43	Resp:	189917
Ion	Ratio	Lower	Upper
43	100		
61	24.4	20.1	30.1
87	13.8	10.6	15.8

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#44

Trichloroethene

Concen: 17.874 ug/l

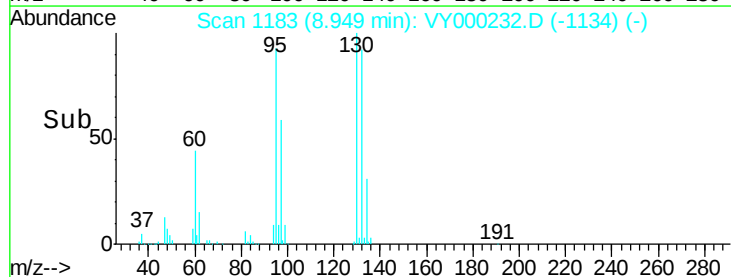
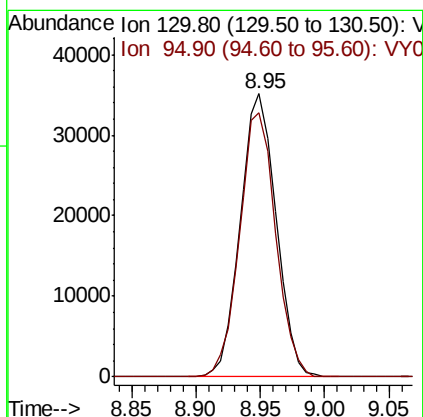
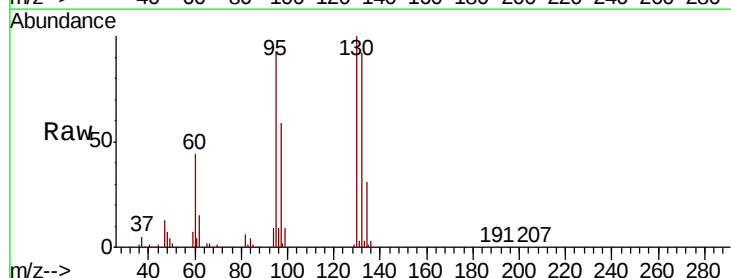
RT: 8.95 min Scan# 1183

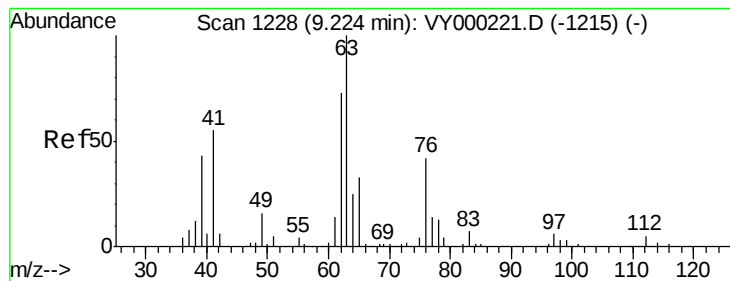
Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Tgt Ion:	130	Resp:	67485
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	189.0





#45

1,2-Dichloropropane

Concen: 17.472 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBS01

Tot Ion: 63 Resp: 60933

Ion Ratio Lower Upper

63 100

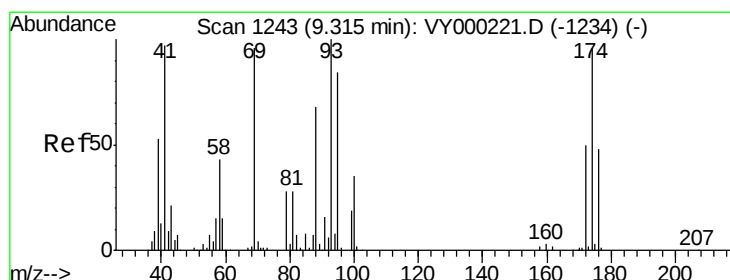
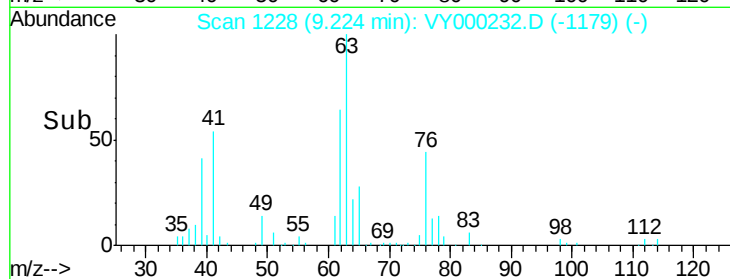
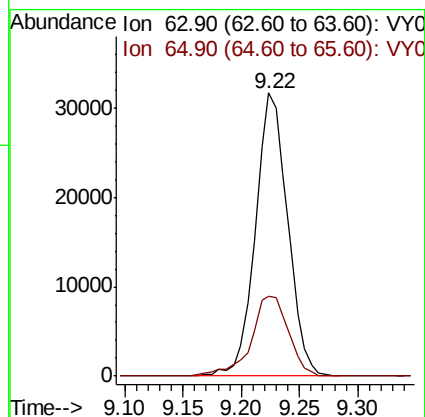
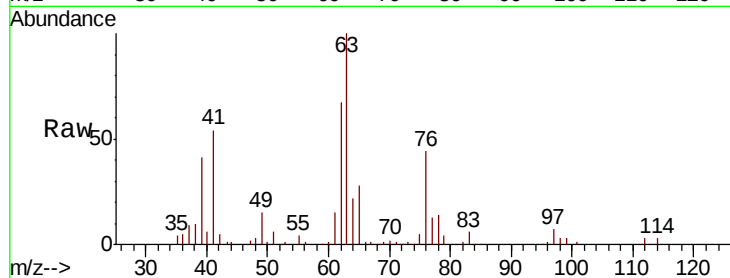
65 28.3 26.6 39.8

Manual Integrations

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#46

Dibromomethane

Concen: 17.579 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

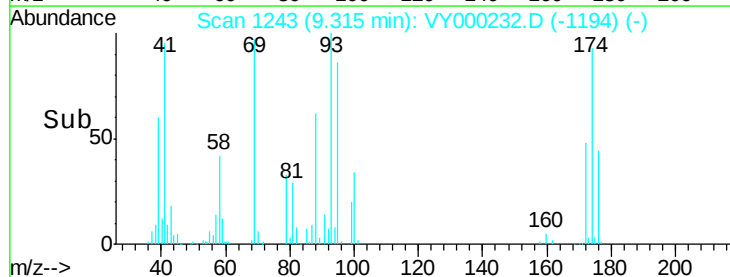
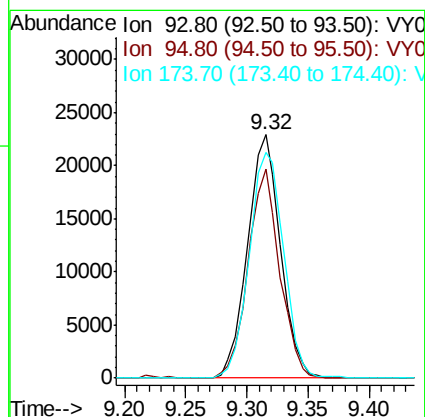
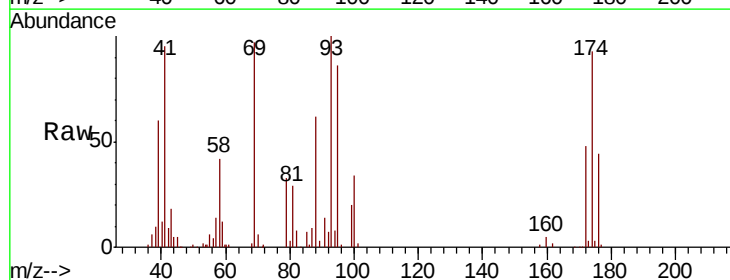
Tgt Ion: 93 Resp: 42978

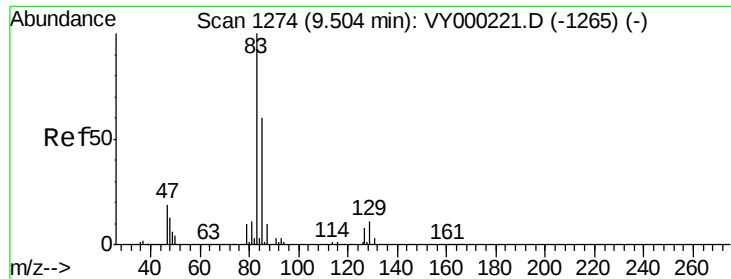
Ion Ratio Lower Upper

93 100

95 82.4 67.0 100.6

174 96.8 77.5 116.3





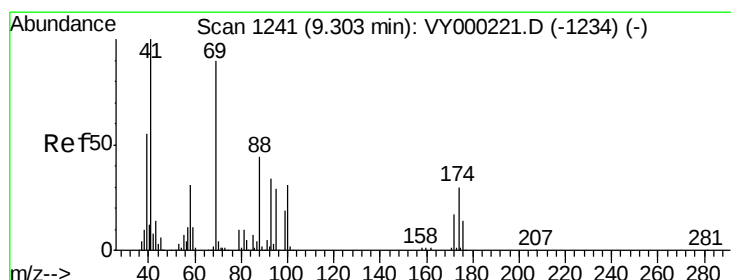
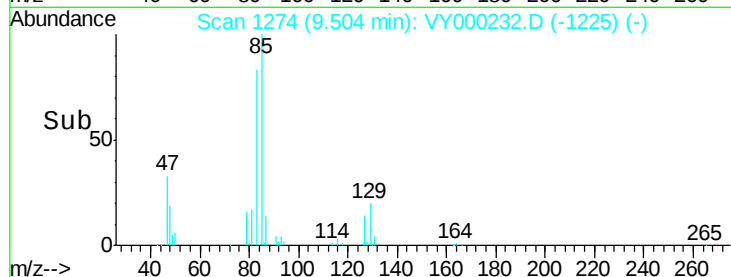
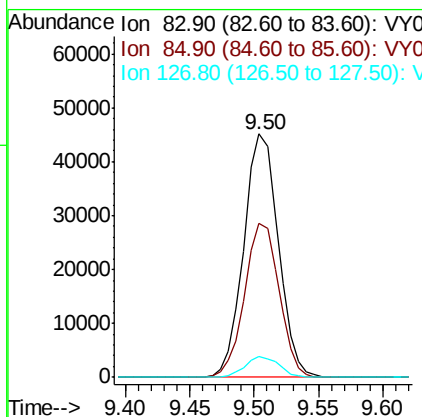
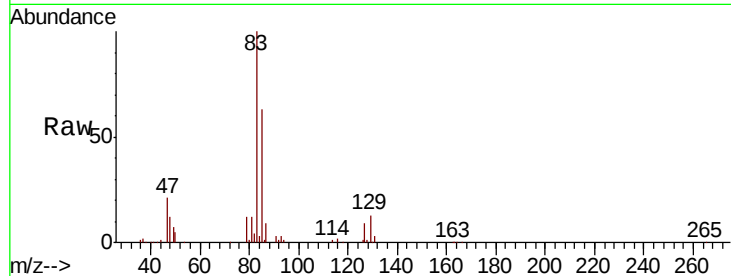
#47
Bromodichloromethane
Concen: 17.542 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	83	Resp	83894
Ion Ratio	100	Lower	Upper
83	100		
85	63.4	48.0	72.0
127	8.6	6.5	9.7

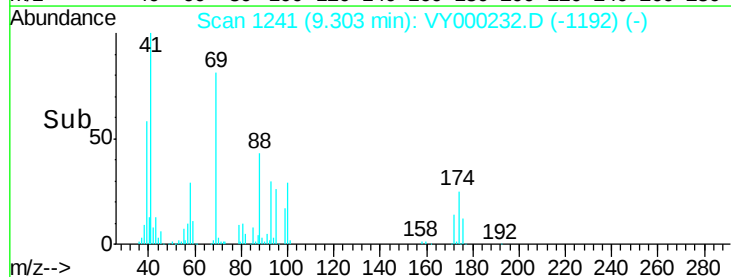
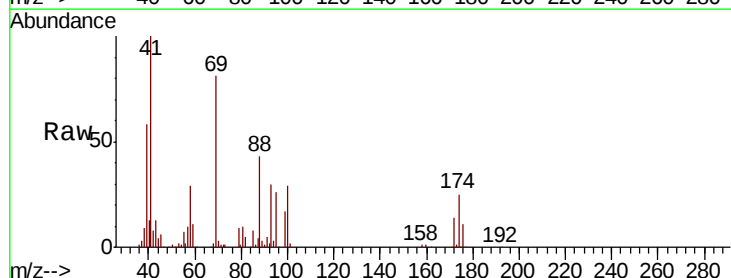
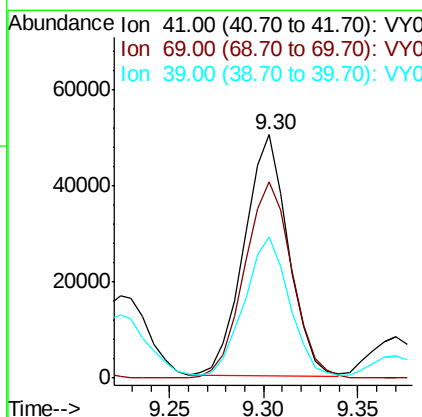
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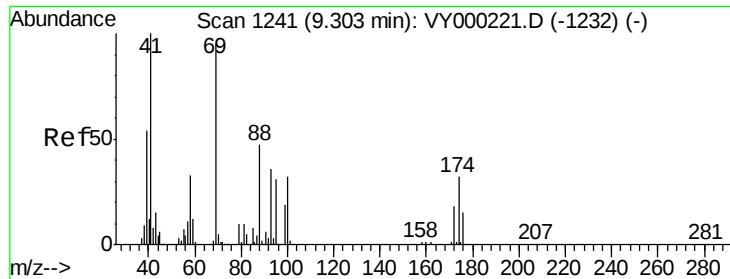
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#48
Methyl methacrylate
Concen: 16.800 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	41	Resp	80989
Ion Ratio	100	Lower	Upper
41	100		
69	88.5	70.3	105.5
39	60.8	45.5	68.3





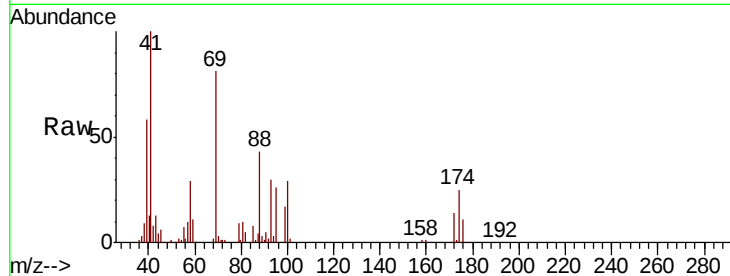
#49
1,4-Dioxane
Concen: 359.822 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

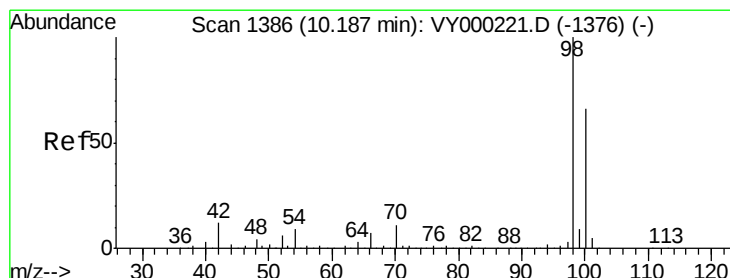
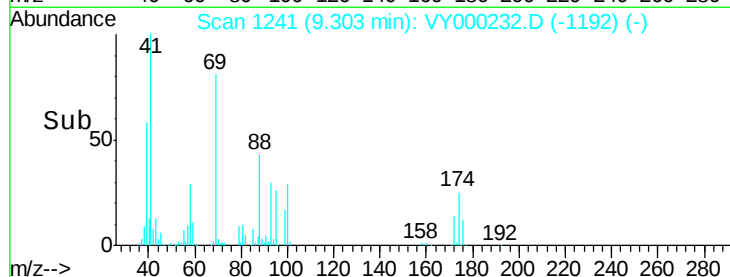
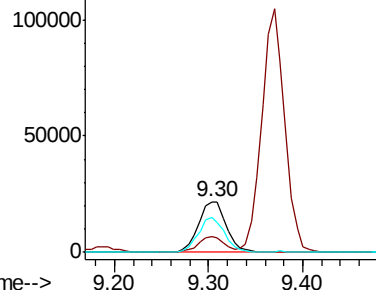
Tot Ion	88	Resp	44528
Ion Ratio	Lower	Upper	
88	100		
43	29.0	24.5	36.7
58	65.5	54.2	81.2

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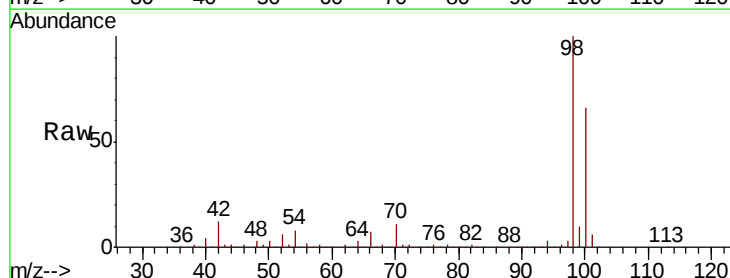


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

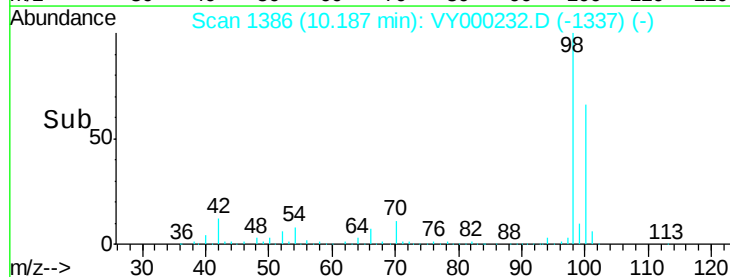
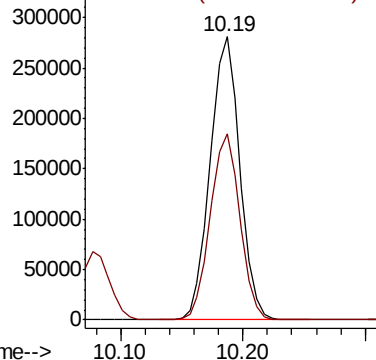


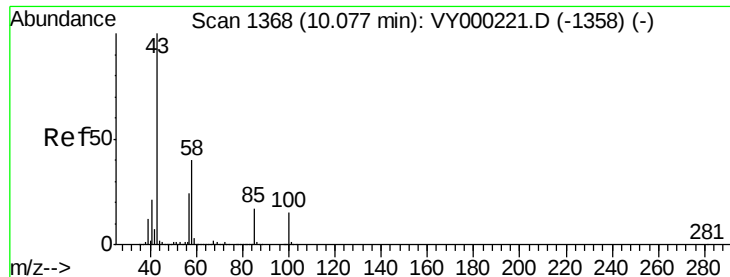
#50
Toluene-d8
Concen: 42.716 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	98	Resp	471619
Ion Ratio	Lower	Upper	
98	100		
100	65.6	53.0	79.6



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





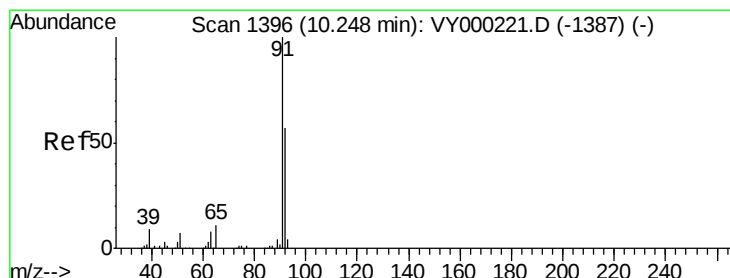
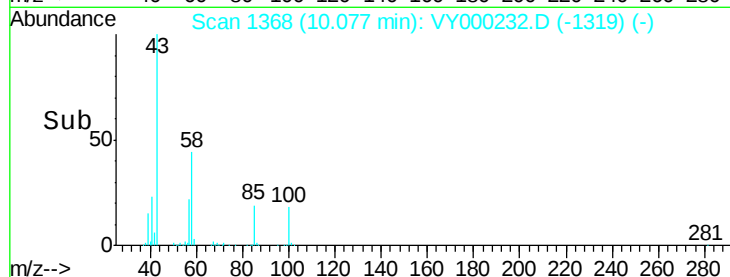
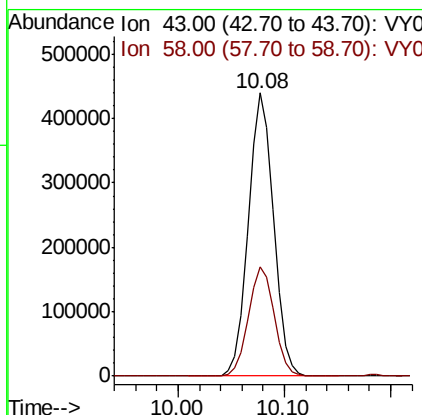
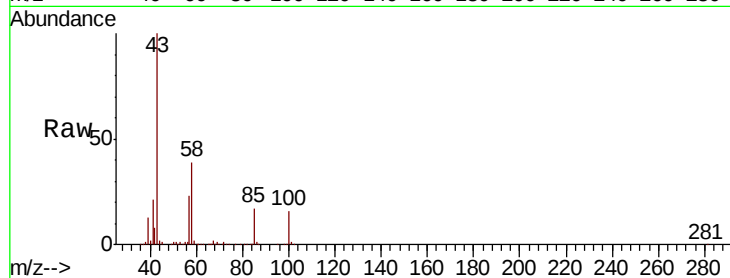
#51
4-Methyl-2-Pentanone
Concen: 91.241 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.7	47.5

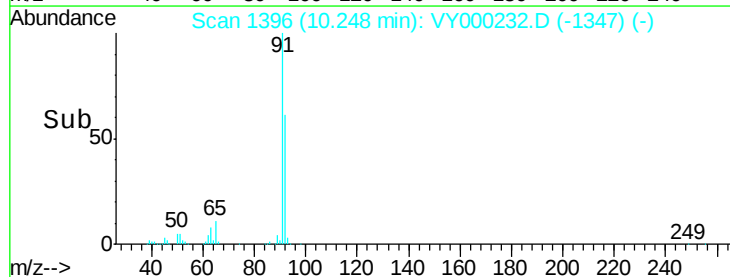
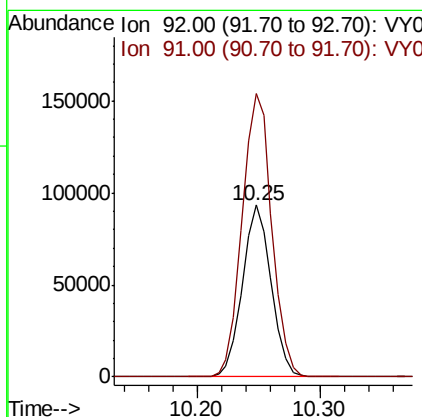
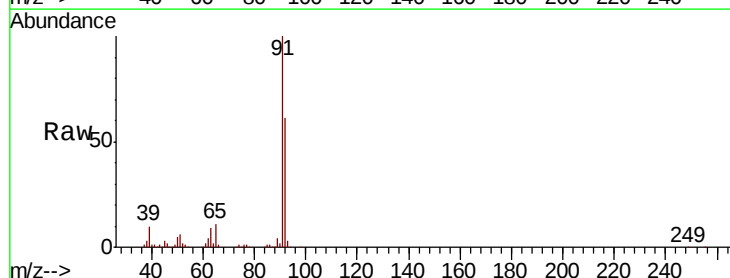
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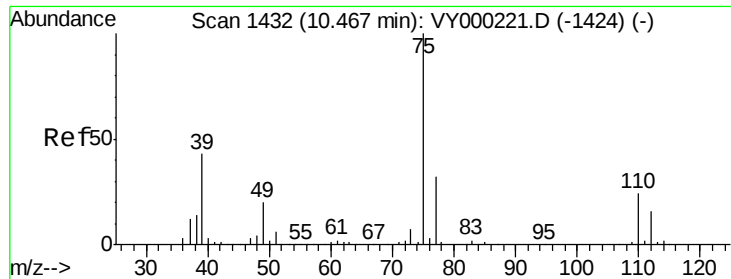
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#52
Toluene
Concen: 17.004 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.3	139.1	208.7





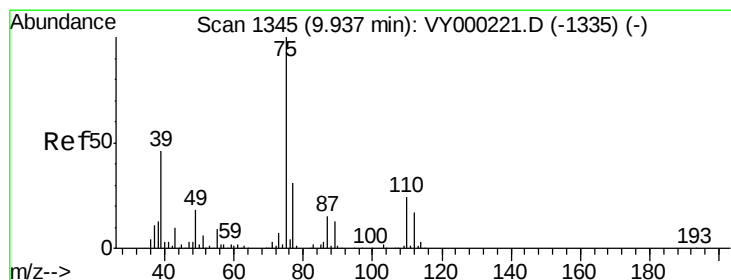
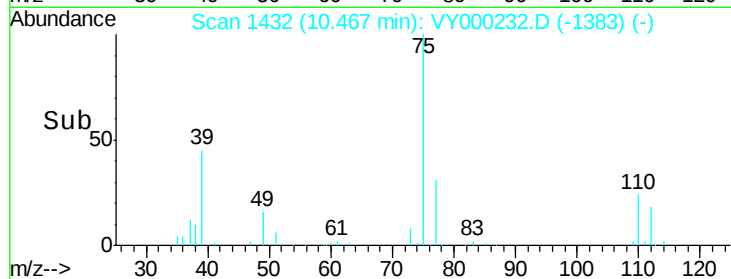
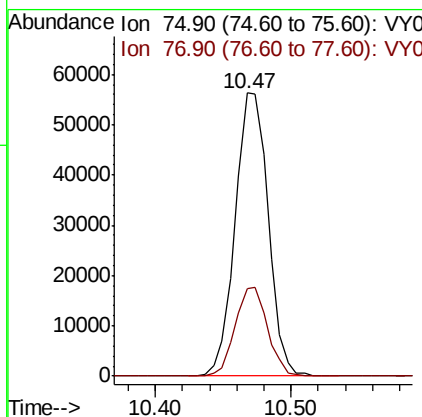
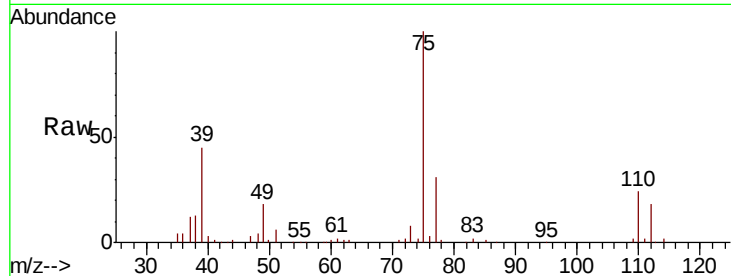
#53
t-1,3-Dichloropropene
Concen: 17.554 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.3	37.9

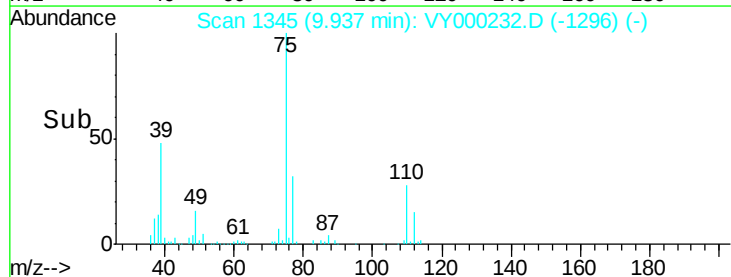
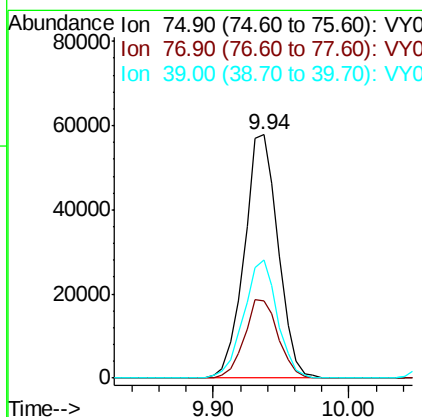
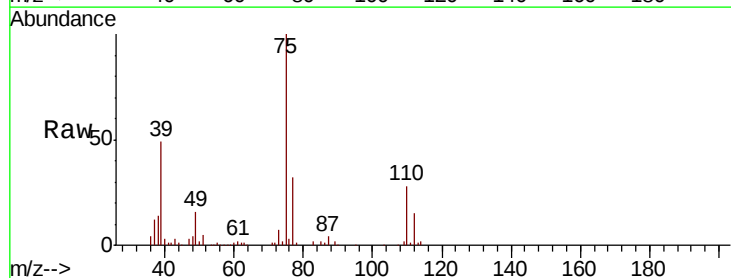
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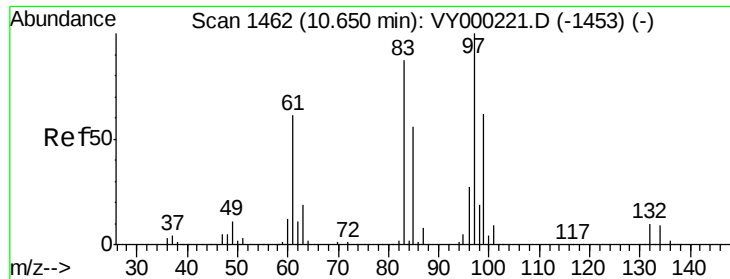
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#54
cis-1,3-Dichloropropene
Concen: 17.085 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.4
39	48.5	36.3	54.5





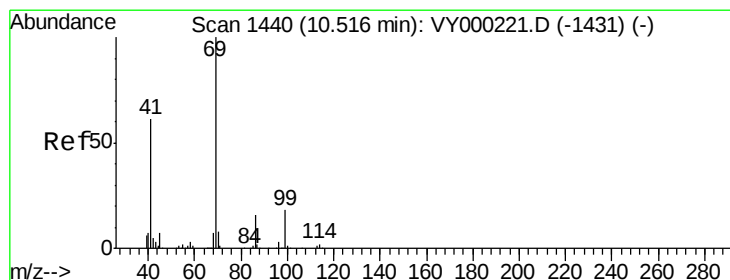
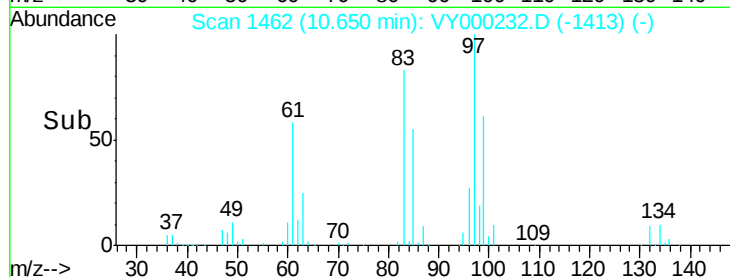
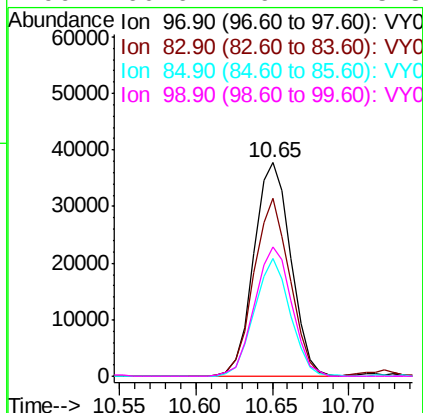
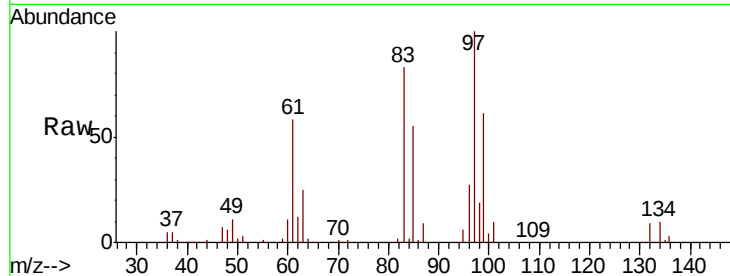
#55
 1,1,2-Trichloroethane
 Concen: 18.049 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000232.D
 Acq: 08 Oct 2019 20:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBS01

Tot Ion:	97	Resp:	63554
Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.4	104.0
85	55.4	44.6	66.8
99	60.6	49.2	73.8

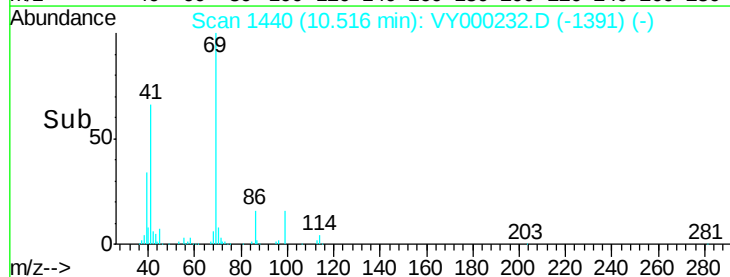
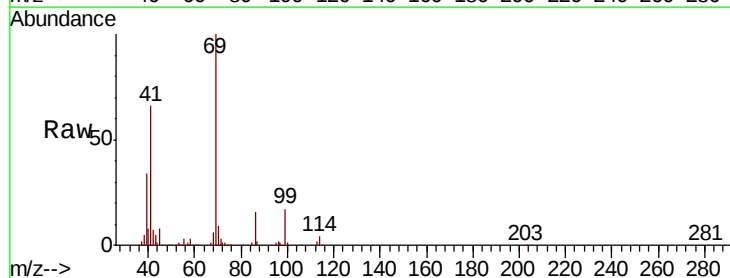
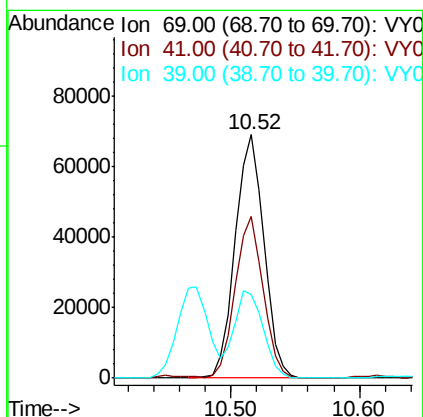
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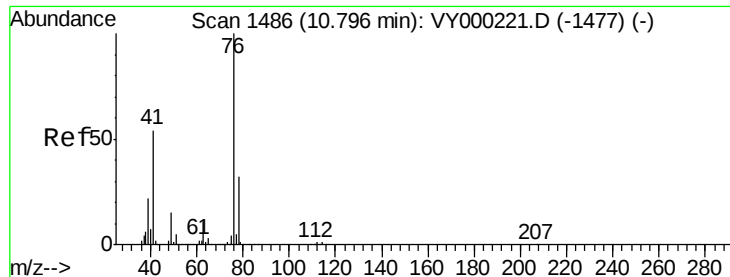
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#56
 Ethyl methacrylate
 Concen: 17.322 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000232.D
 Acq: 08 Oct 2019 20:44

Tgt Ion:	69	Resp:	107384
Ion	Ratio	Lower	Upper
69	100		
41	64.2	51.2	76.8
39	36.6	27.0	40.4





#57

1,3-Dichloropropane

Concen: 17.561 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBS01

Tot Ion: 76 Resp: 105584

Ion Ratio Lower Upper

76 100

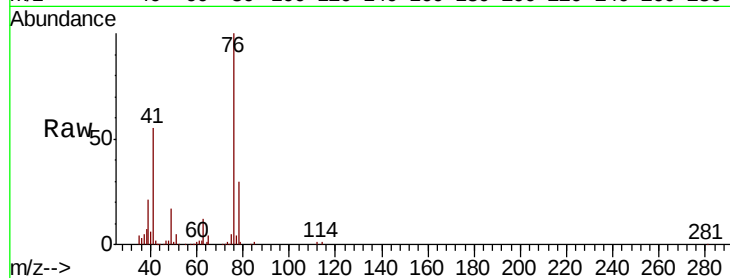
78 31.8 26.0 39.0

Manual Integrations

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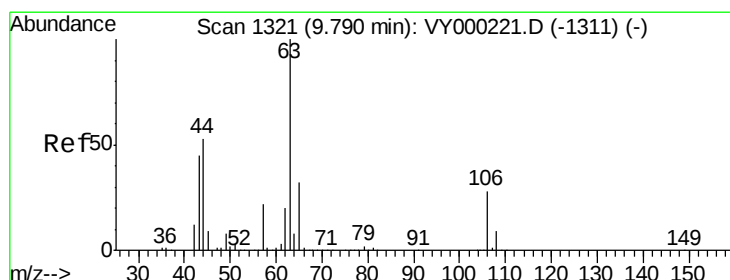
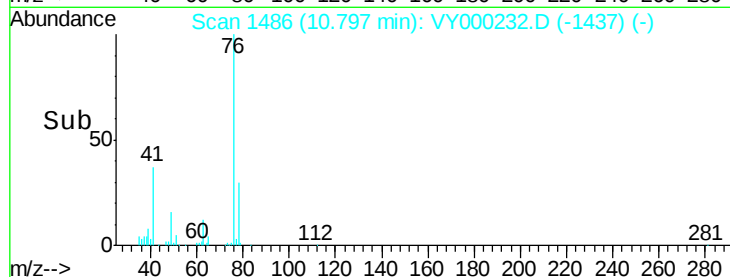
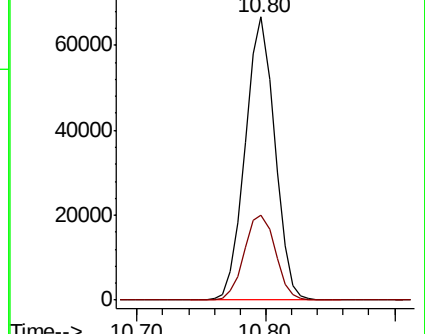
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 91.669 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000232.D

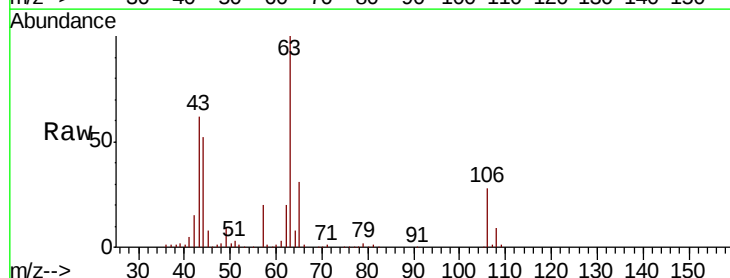
Acq: 08 Oct 2019 20:44

Tgt Ion: 63 Resp: 253308

Ion Ratio Lower Upper

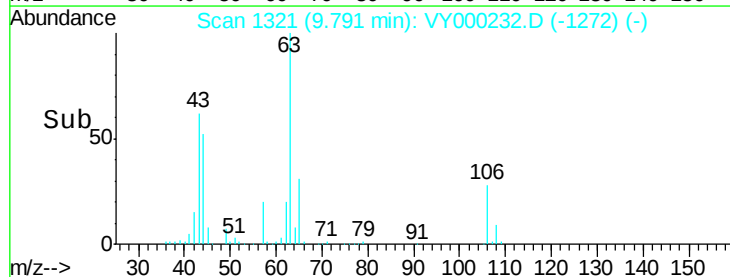
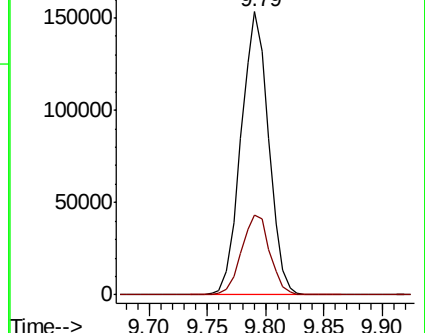
63 100

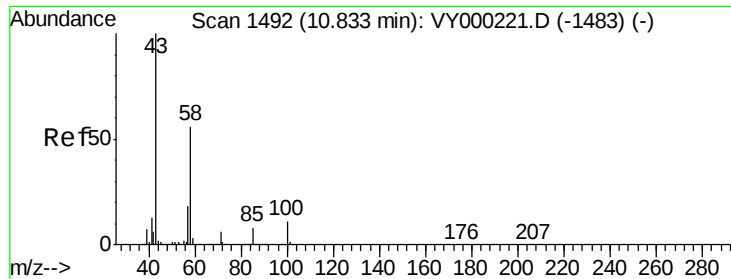
106 28.9 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





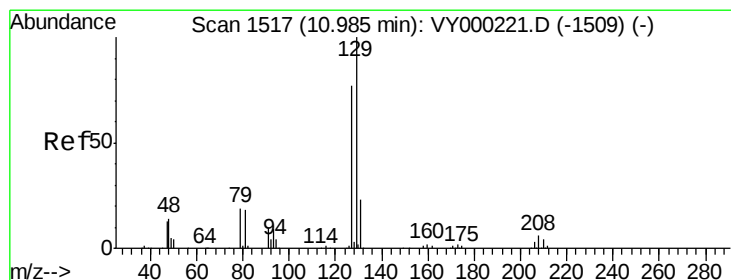
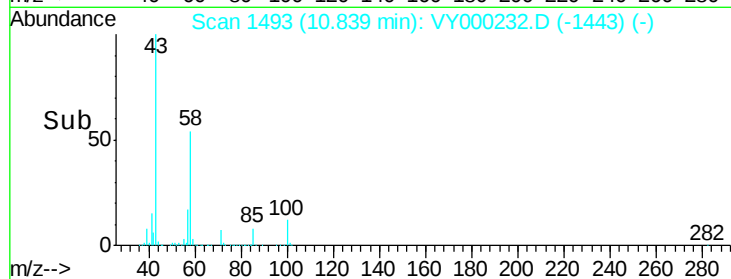
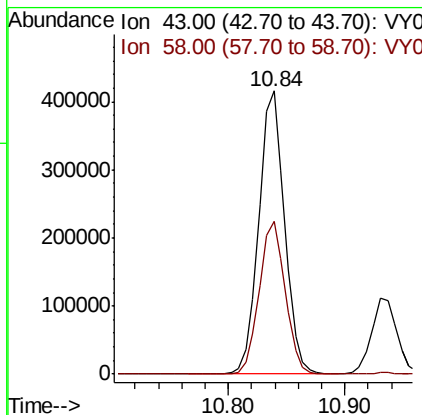
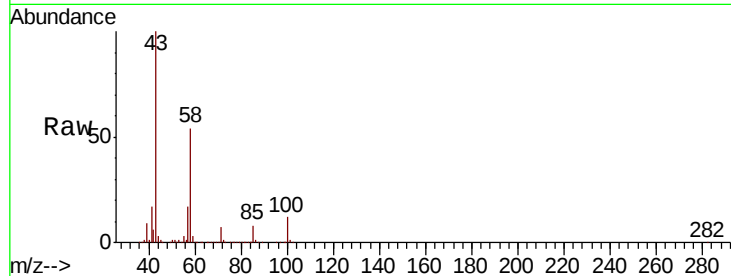
#59
2-Hexanone
Concen: 85.303 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion: 43 Resp: 639088
Ion Ratio Lower Upper
43 100
58 54.4 28.2 84.6

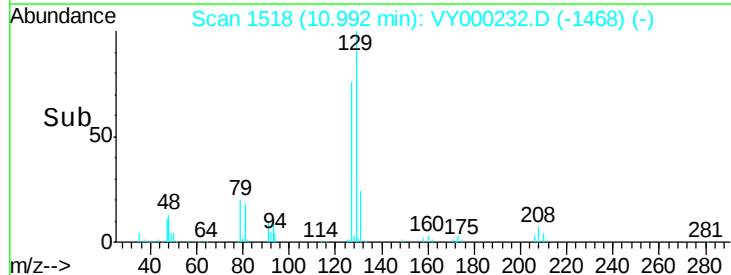
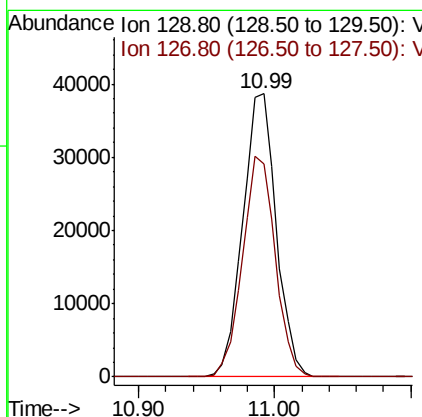
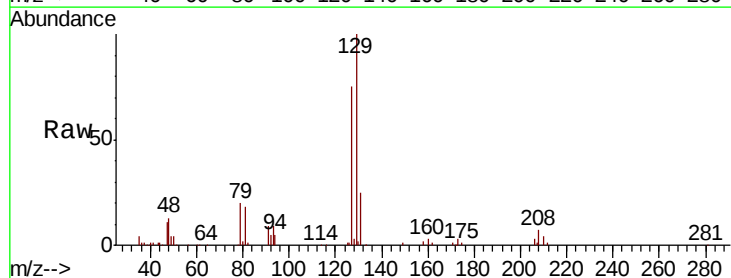
Manual Integrations
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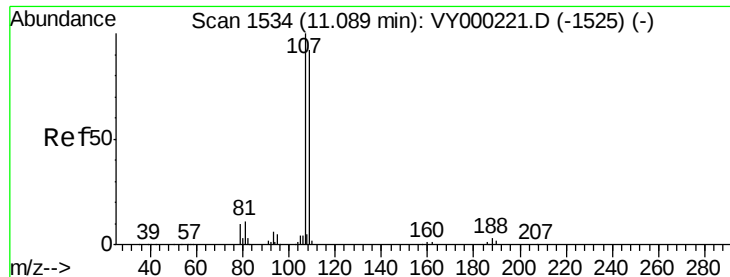
MMDadoda
10/10/2019 12:52:33 AM



#60
Dibromochloromethane
Concen: 17.920 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion: 129 Resp: 66716
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.2





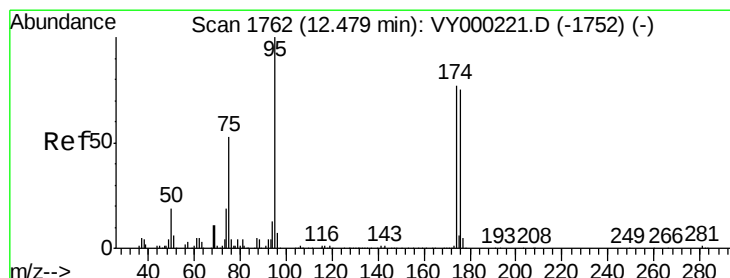
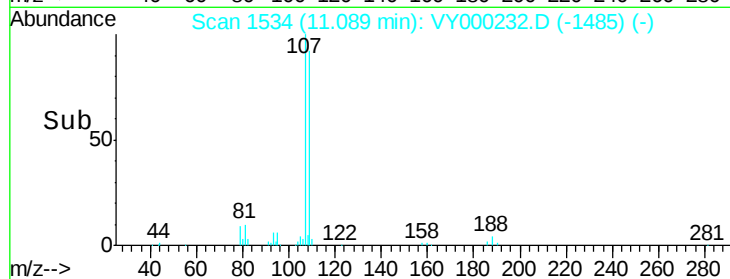
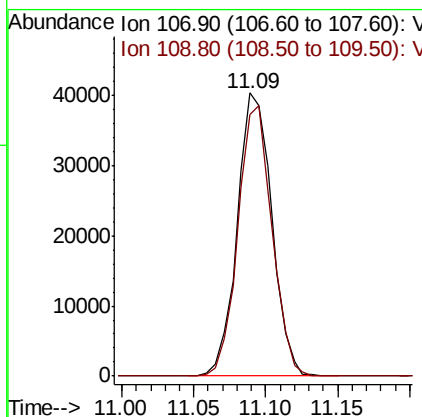
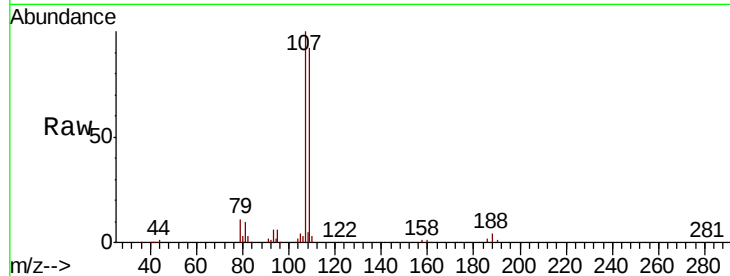
#61
 1,2-Dibromoethane
 Concen: 17.952 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000232.D
 Acq: 08 Oct 2019 20:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.0	112.6

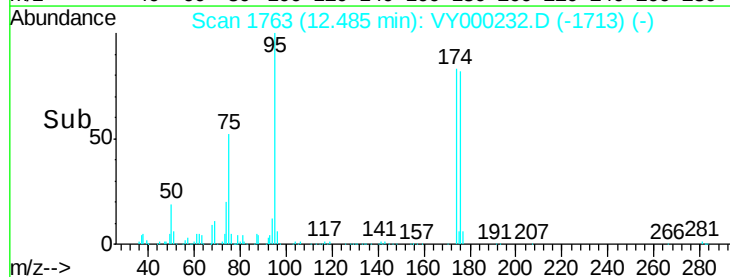
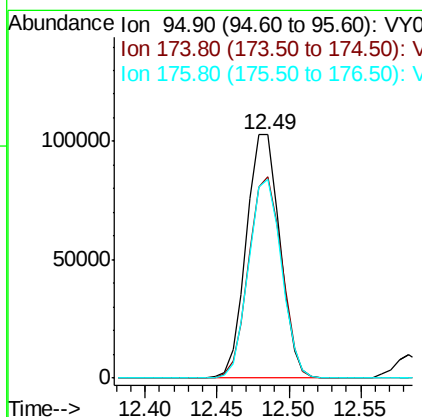
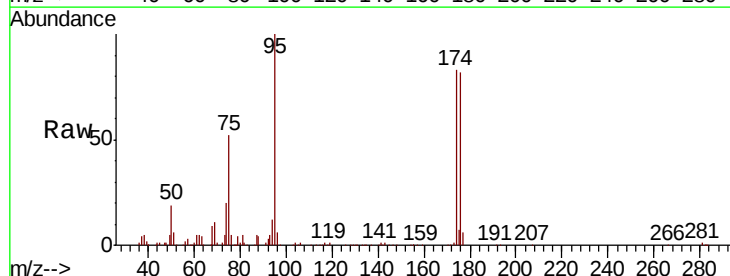
Manual Integrations
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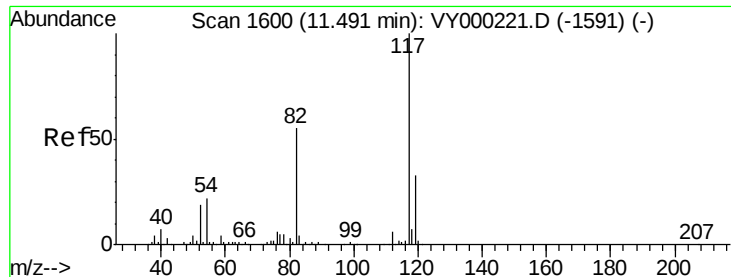
MMDadoda
 10/10/2019 12:52:33 AM



#62
 4-Bromofluorobenzene
 Concen: 42.527 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY000232.D
 Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	157.0
176	80.1	0.0	153.0





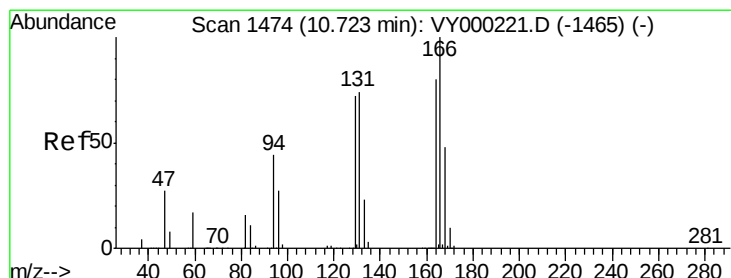
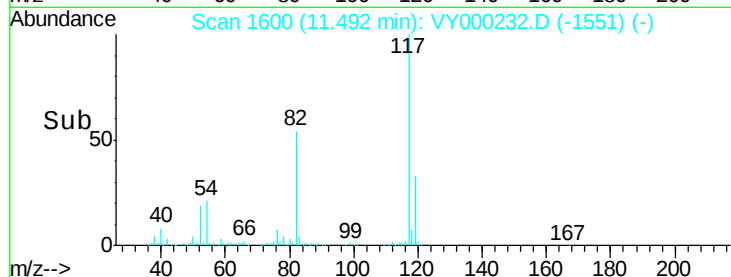
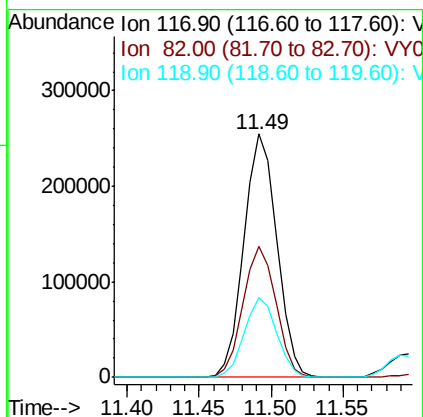
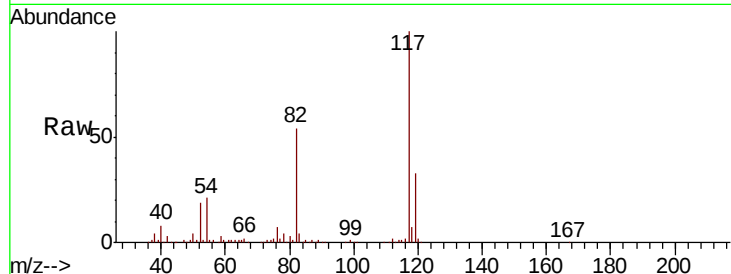
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.4	66.6
119	33.0	26.2	39.2

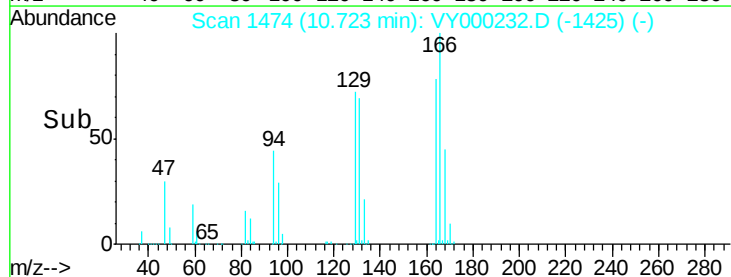
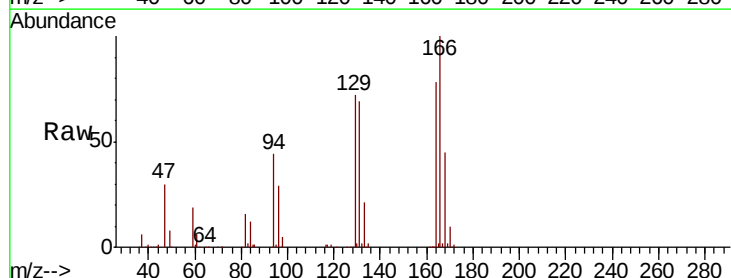
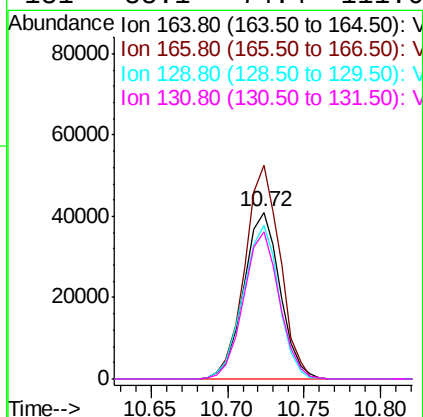
Manual Integrations
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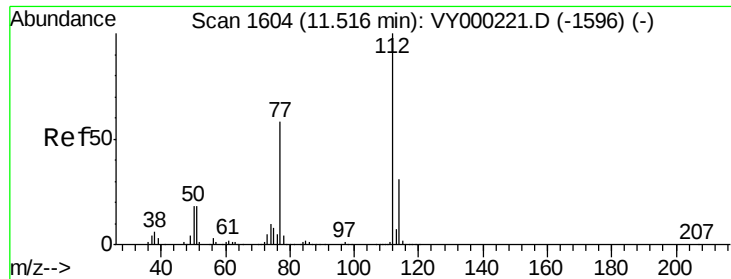
MMDadoda
10/10/2019 12:52:33 AM



#64
Tetrachloroethene
Concen: 18.430 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	100.3	150.5
129	92.2	72.4	108.6
131	88.1	74.4	111.6





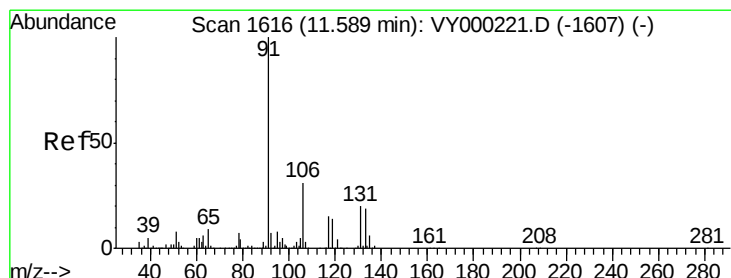
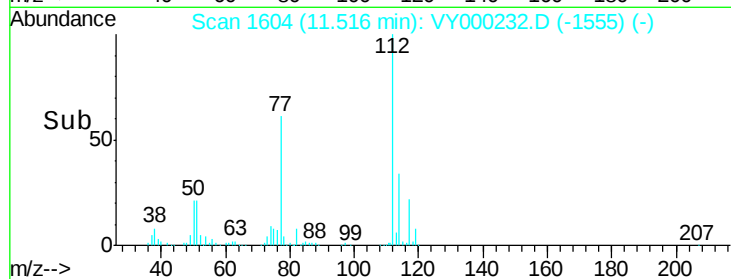
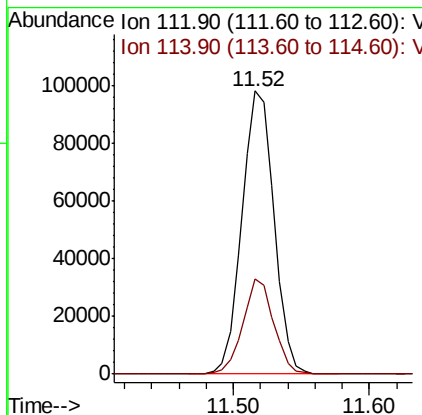
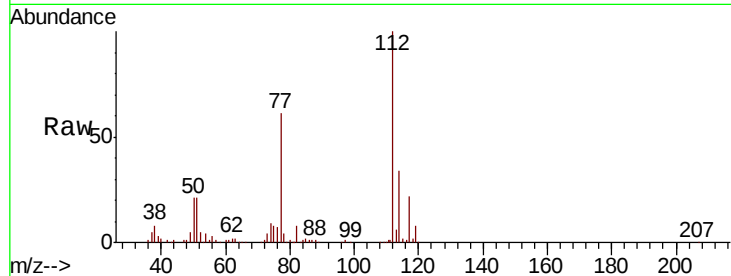
#65
Chlorobenzene
Concen: 17.372 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.7	25.0	37.4

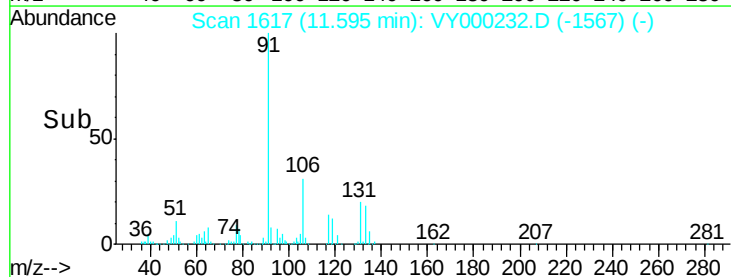
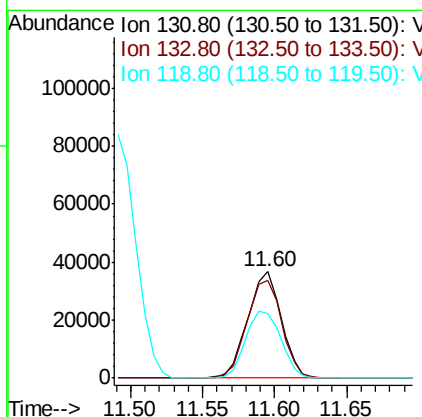
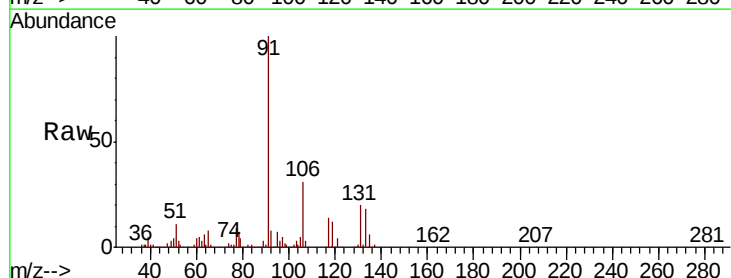
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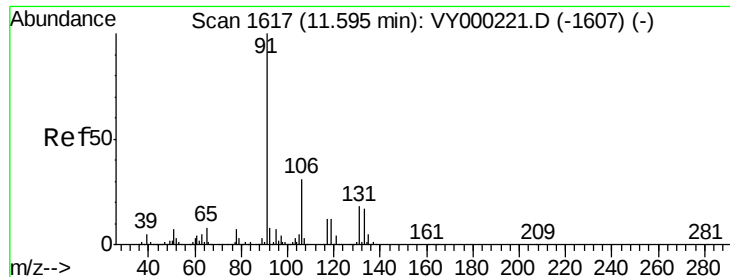
MMDadoda
10/10/2019 12:52:33 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.806 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.0	141.2
119	66.5	33.3	99.8





#67

Ethyl Benzene

Concen: 16.890 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBS01

Tot Ion: 91 Resp: 281667

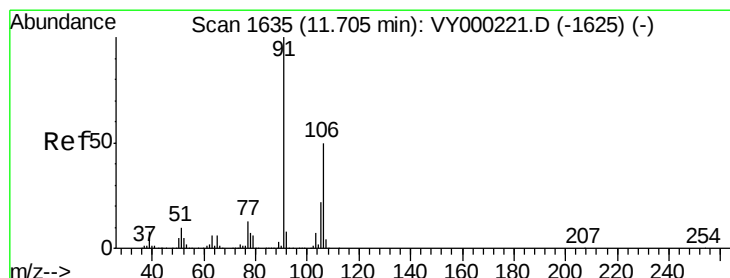
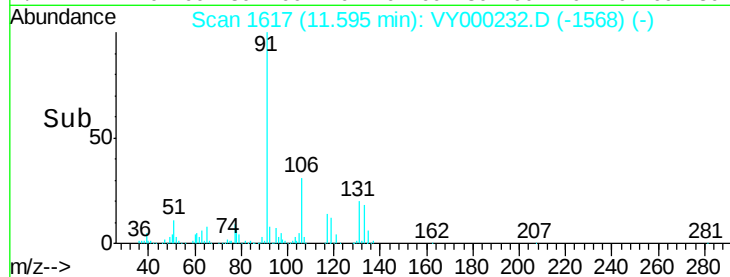
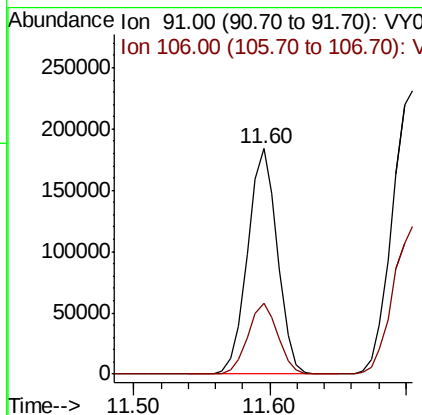
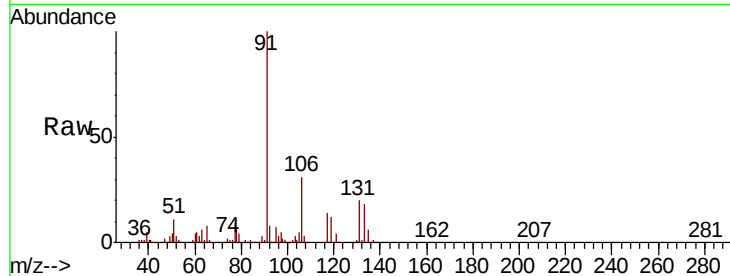
Ion Ratio Lower Upper

91 100

106 31.4 25.2 37.8

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:33 AM



#68

m/p-Xylenes

Concen: 34.227 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY000232.D

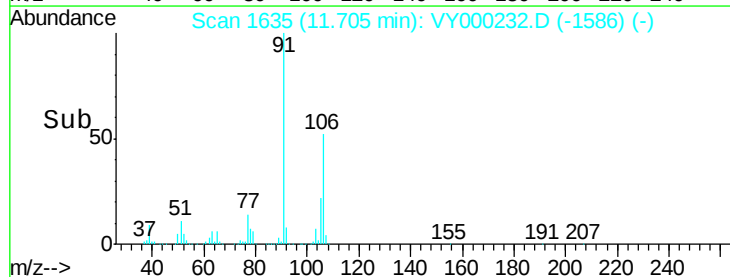
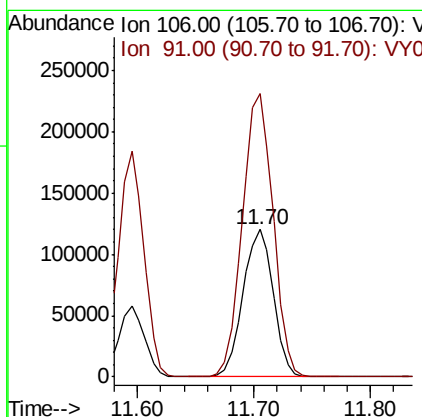
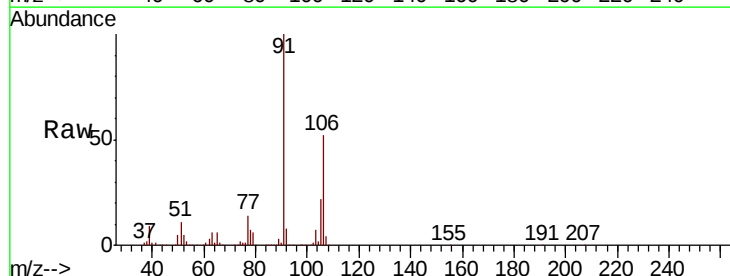
Acq: 08 Oct 2019 20:44

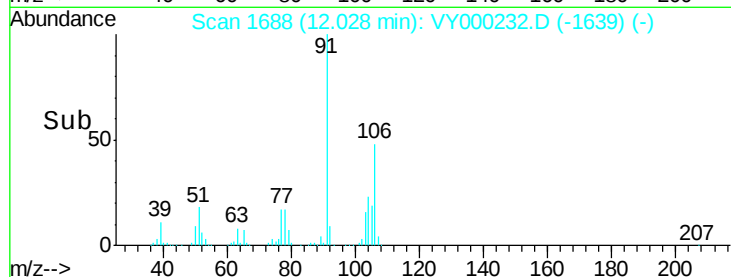
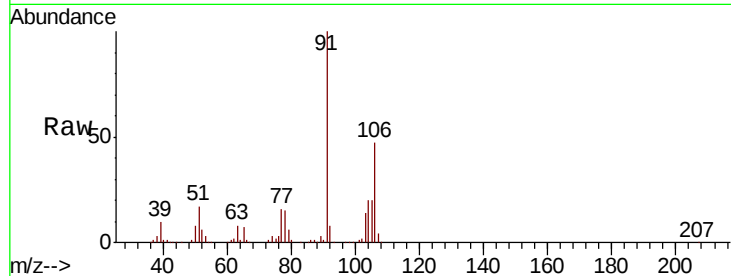
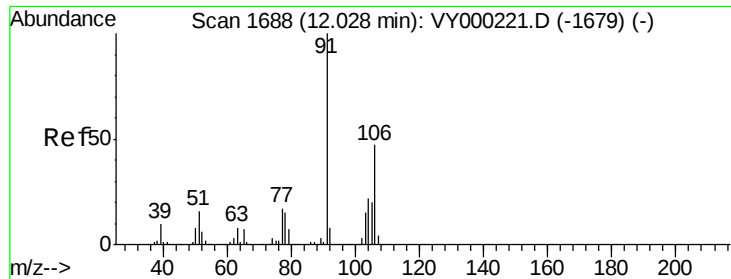
Tgt Ion: 106 Resp: 217795

Ion Ratio Lower Upper

106 100

91 195.9 159.9 239.9





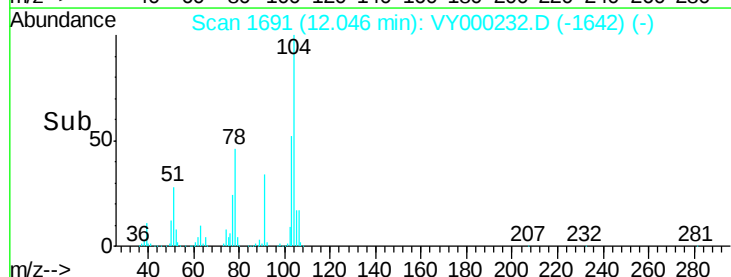
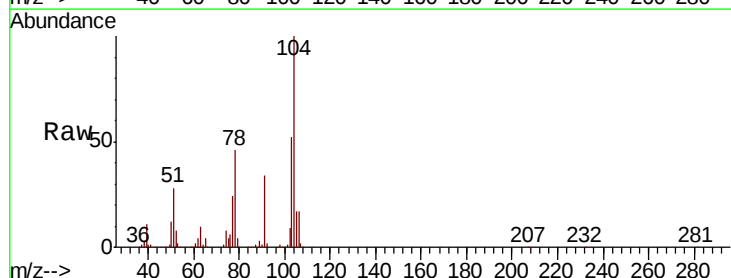
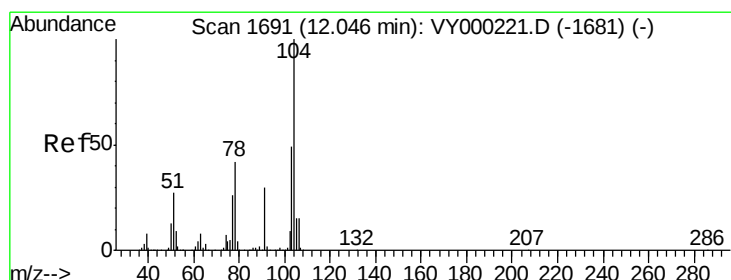
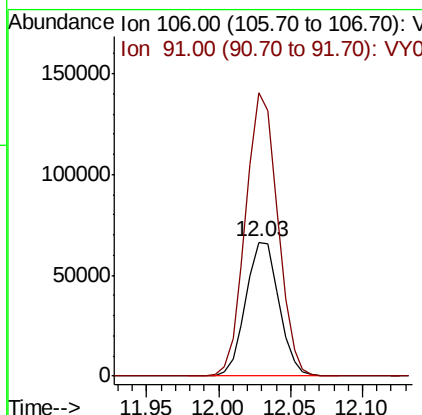
#69
o-Xylene
Concen: 17.236 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tot Ion:106 Resp: 105662
Ion Ratio Lower Upper
106 100
91 206.7 106.1 318.1

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

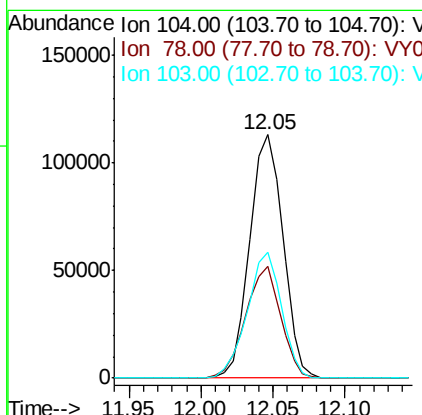
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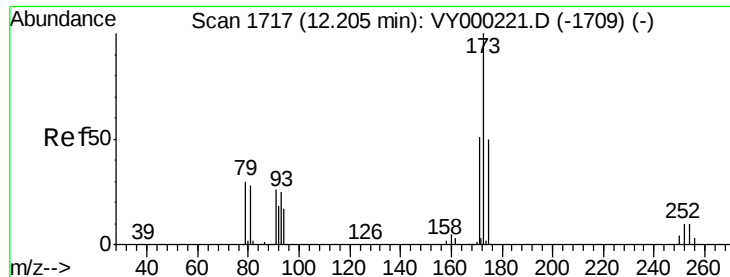
MMDadoda
10/10/2019 12:52:33 AM



#70
Styrene
Concen: 17.136 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion:104 Resp: 180944
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 53.3 43.1 64.7





#71

Bromoform

Concen: 17.925 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBS01

Tot Ion:173 Resp: 49331

Ion Ratio Lower Upper

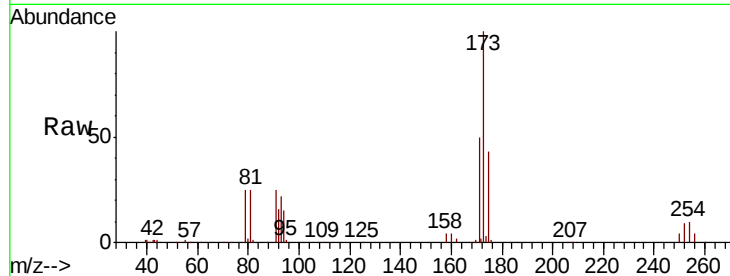
173 100

175 47.2 24.8 74.3

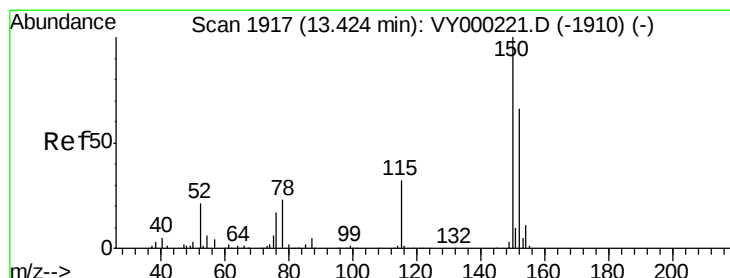
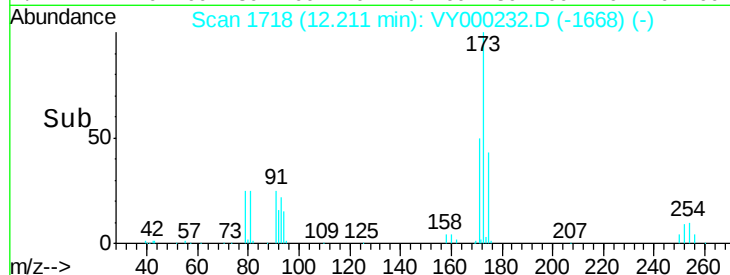
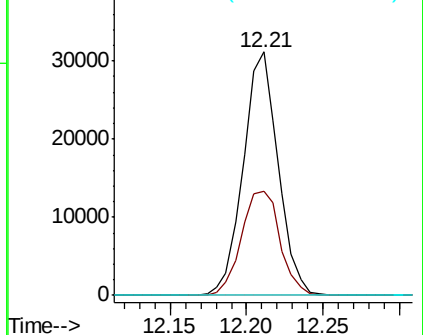
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

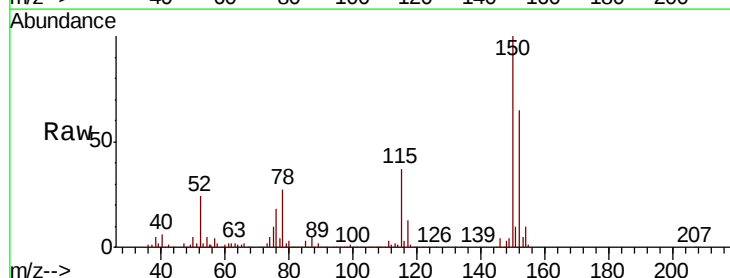
Tgt Ion:152 Resp: 192419

Ion Ratio Lower Upper

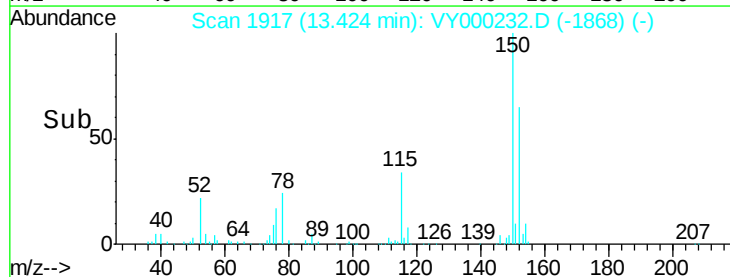
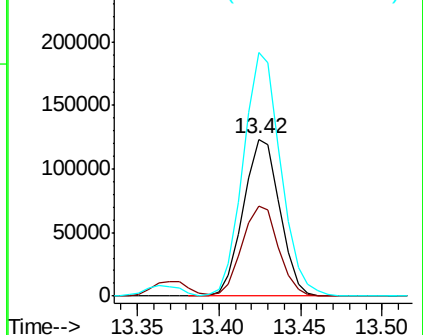
152 100

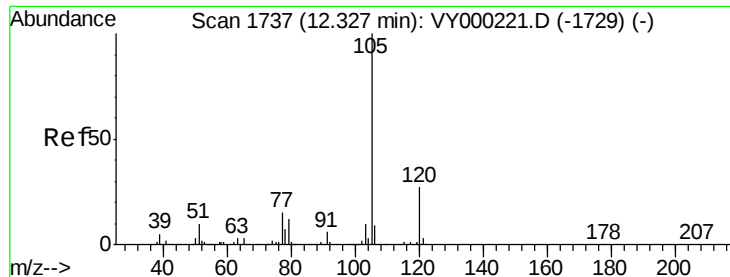
115 57.4 29.3 88.0

150 159.6 0.0 349.6



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





#73

Isopropylbenzene

Concen: 16.716 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBS01

Tot Ion: 105 Resp: 272551

Ion Ratio Lower Upper

105 100

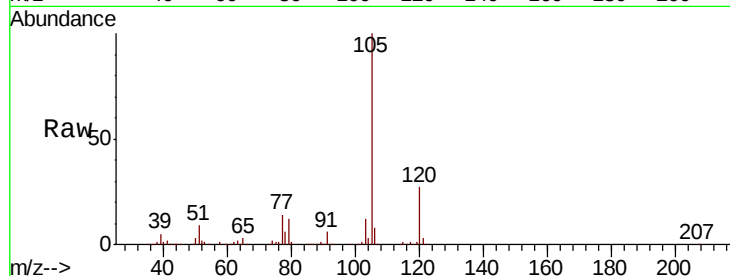
120 26.7 13.6 40.8

Manual Integrations

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10/10/2019 12:52:33 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

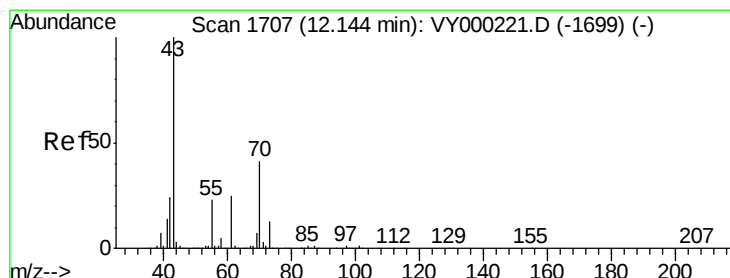
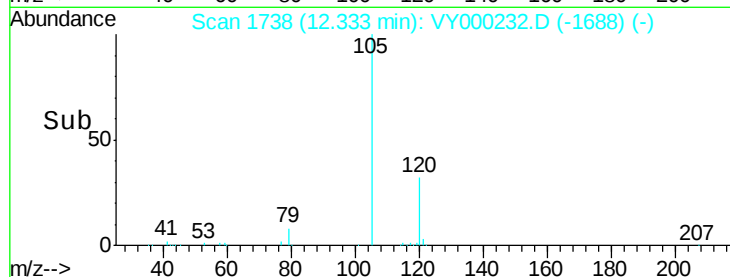
100000

50000

0

12.25 12.30 12.35 12.40

Time-->



#74

N-ethyl acetate

Concen: 16.163 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Tgt Ion: 43 Resp: 138419

Ion Ratio Lower Upper

43 100

70 42.5 34.9 52.3

55 21.6 18.2 27.2

61 24.3 20.1 30.1

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

150000

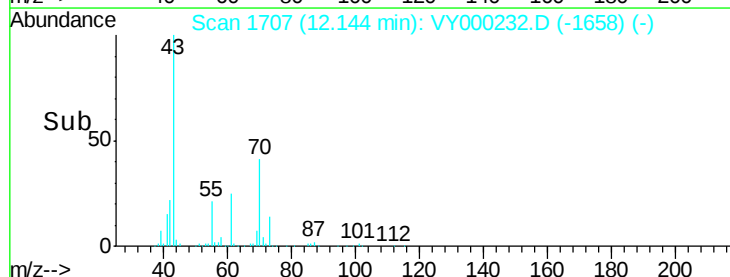
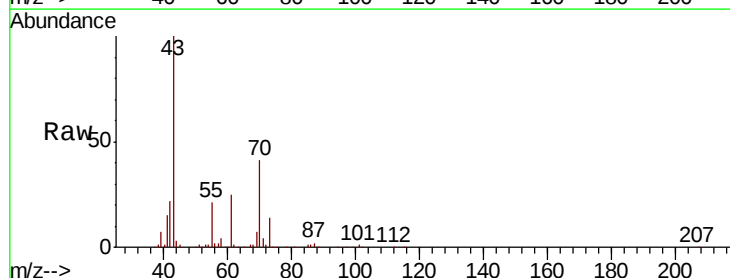
100000

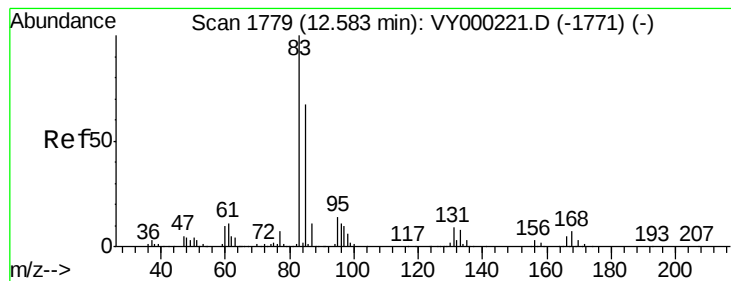
50000

0

12.10 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.708 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

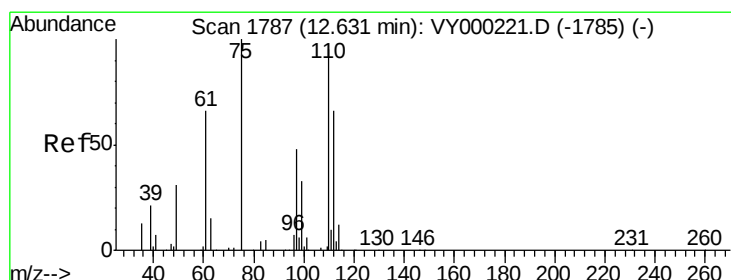
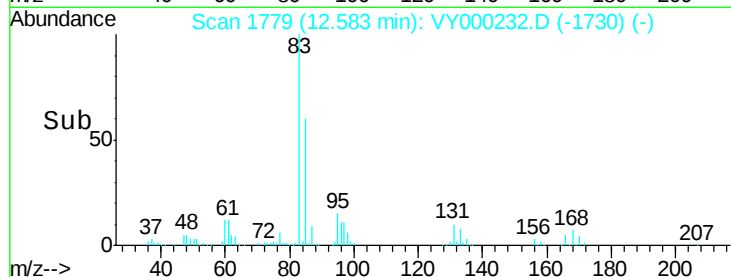
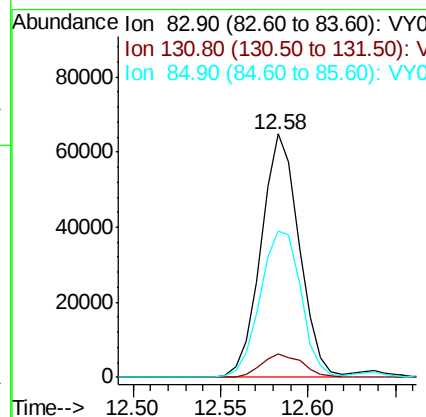
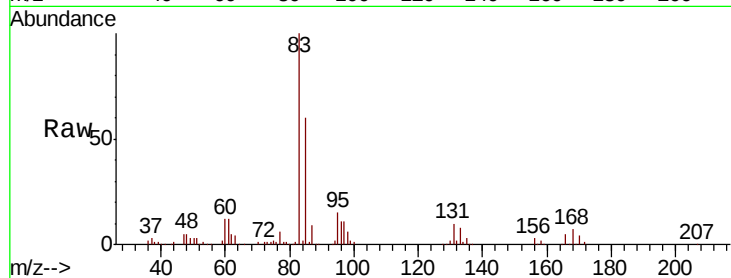
ClientSampleId :

VY1008WBS01

Tot Ion:	83	Resp:	98537
Ion Ratio	Lower	Upper	
83	100		
131	10.4	4.8	14.3
85	63.9	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.235 ug/l m

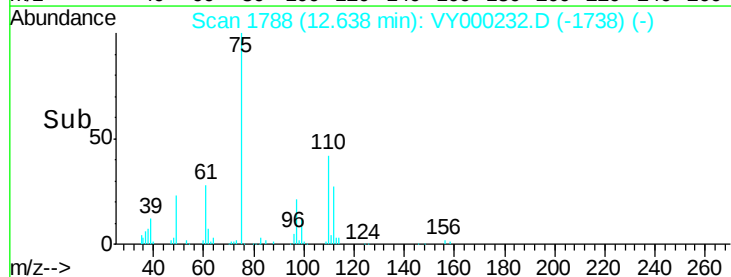
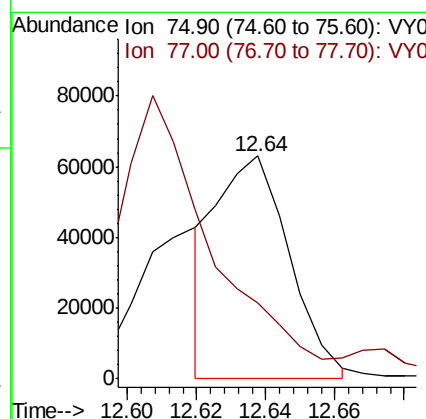
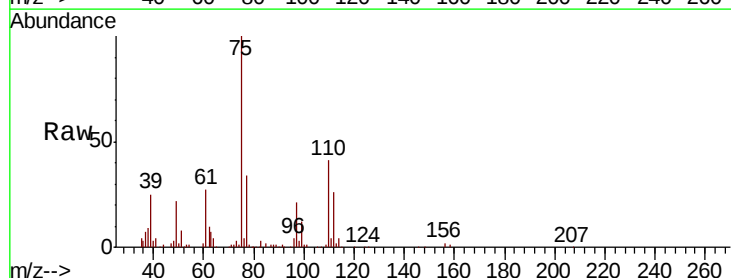
RT: 12.64 min Scan# 1788

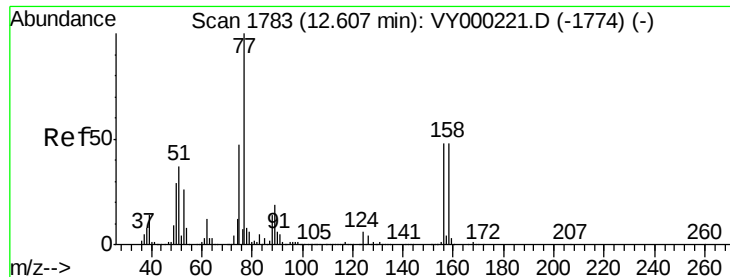
Delta R.T. 0.01 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Tgt Ion:	75	Resp:	92638
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





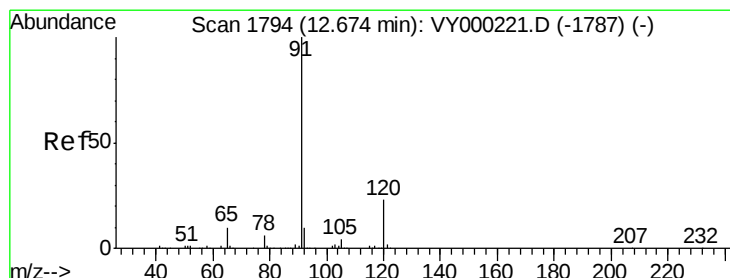
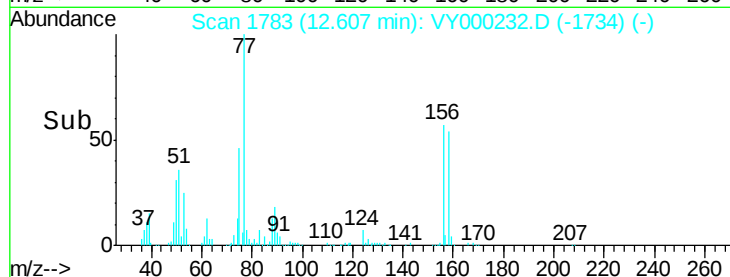
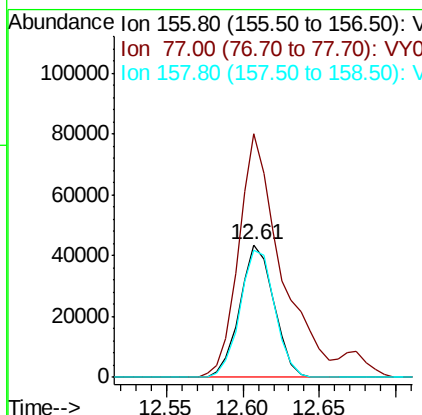
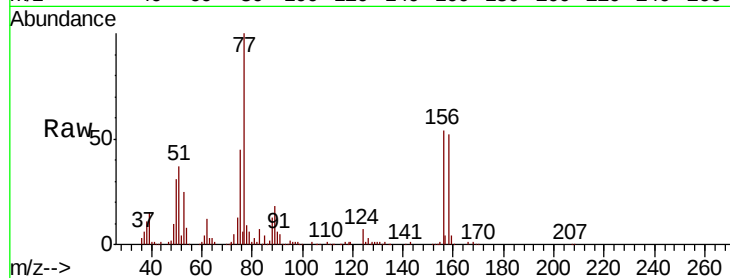
#77
Bromobenzene
Concen: 17.706 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	156	Resp	67701
Ion Ratio	100	Lower	Upper
156	100		
77	225.5	118.1	354.3
158	97.5	47.8	143.3

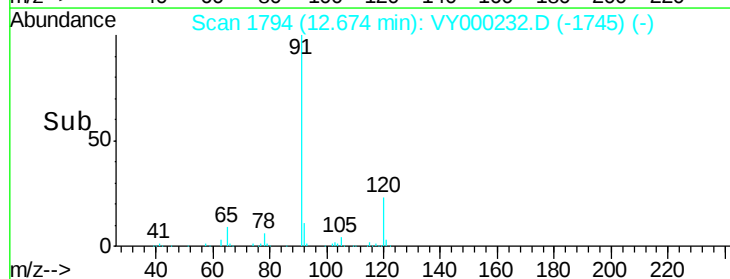
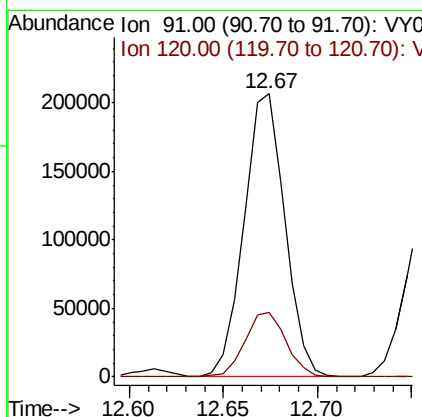
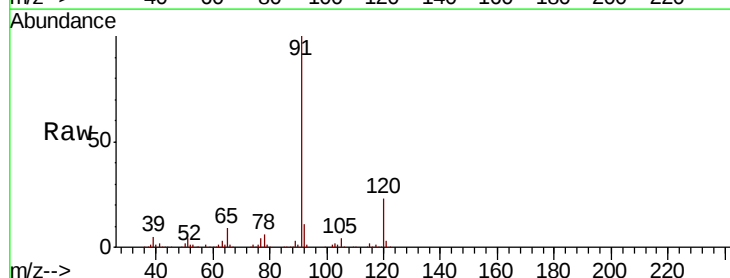
Manual Integrations
APPROVED

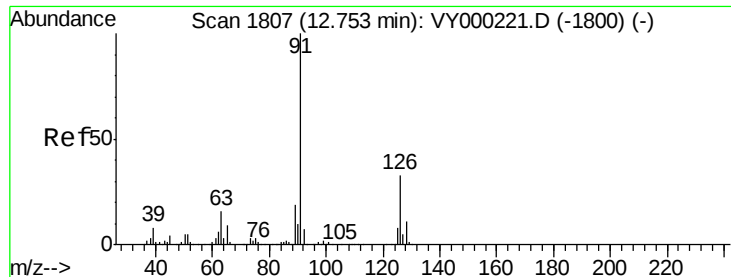
MMDadoda
10/10/2019 12:52:33 AM



#78
n-propylbenzene
Concen: 16.320 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	91	Resp	310819
Ion Ratio	100	Lower	Upper
91	100		
120	22.9	11.3	33.8





#79

2-Chlorotoluene

Concen: 16.695 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBS01

Tot Ion: 91 Resp: 183068

Ion Ratio Lower Upper

91 100

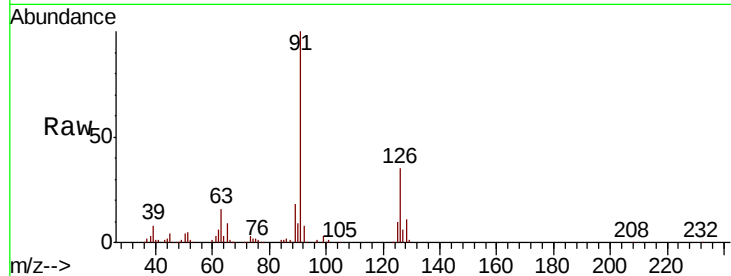
126 34.2 17.2 51.6

Manual Integrations

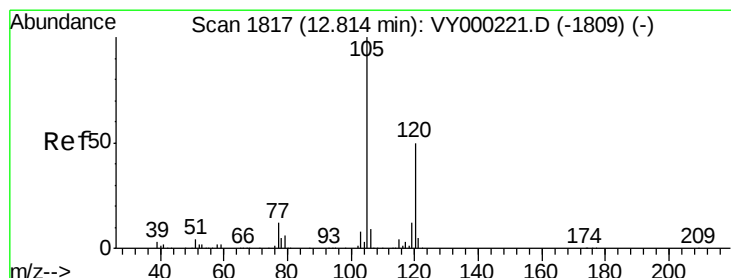
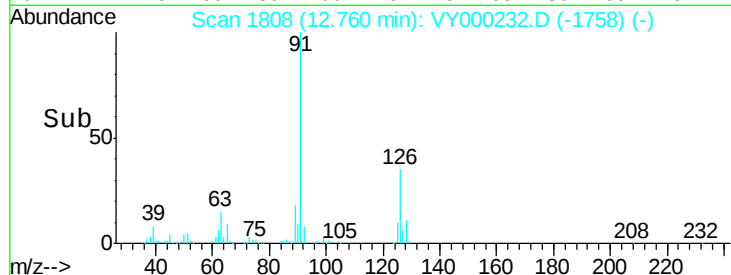
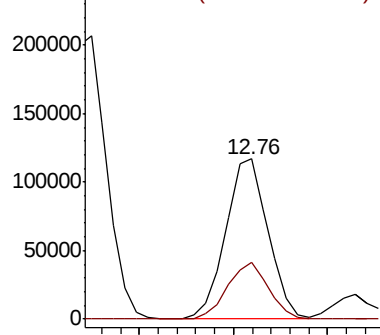
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Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 16.743 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000232.D

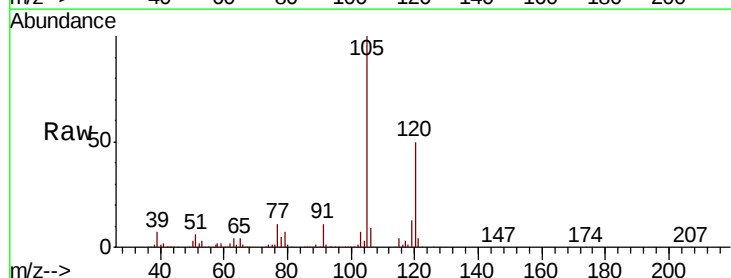
Acq: 08 Oct 2019 20:44

Tgt Ion: 105 Resp: 227788

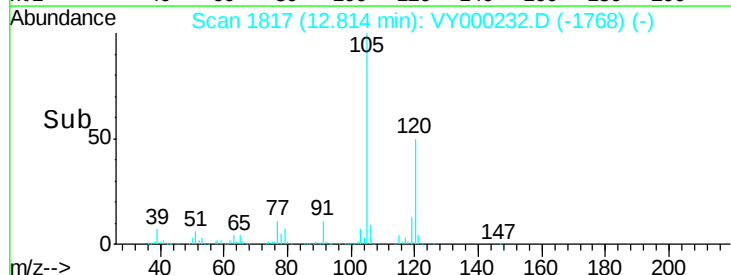
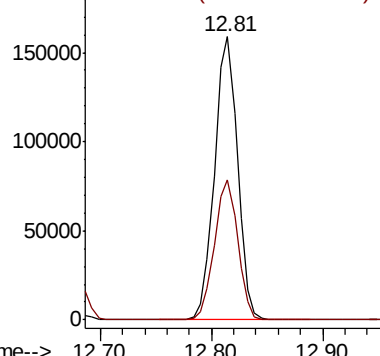
Ion Ratio Lower Upper

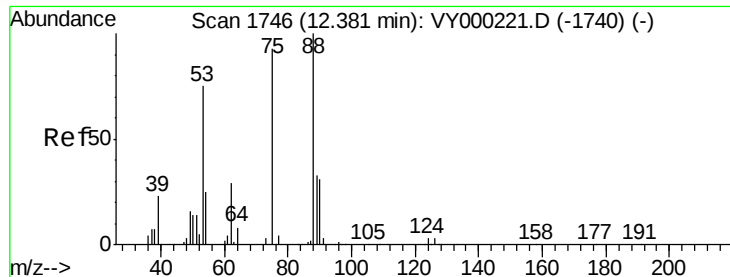
105 100

120 50.2 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VY000221.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.268 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

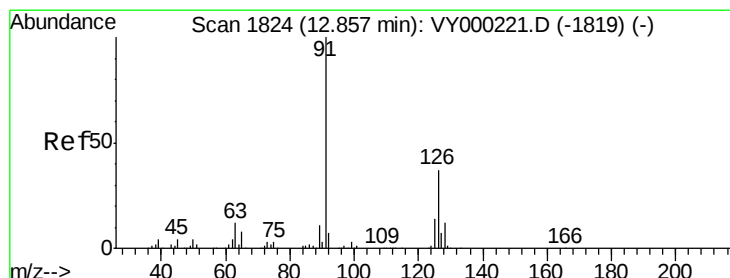
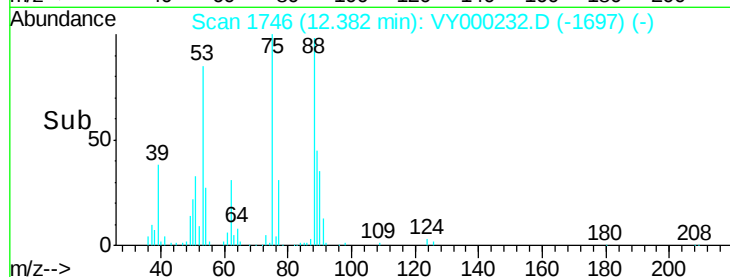
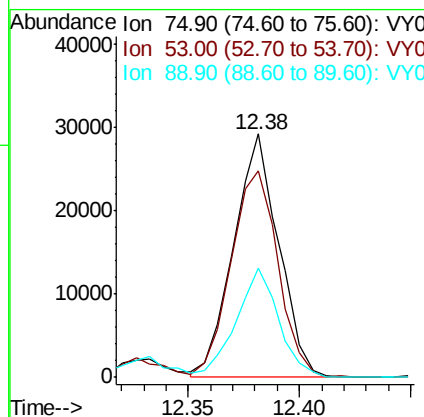
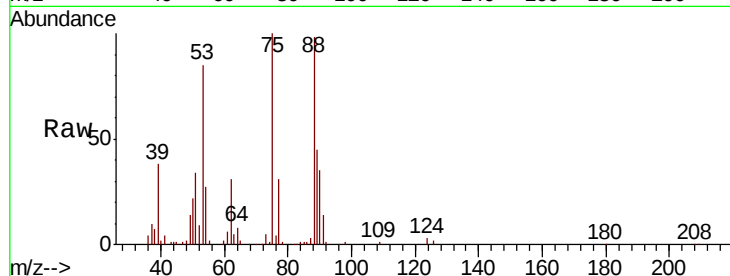
ClientSampleId :

VY1008WBS01

Tot Ion:	75	Resp:	41104
Ion	Ratio	Lower	Upper
75	100		
53	88.7	66.5	99.7
89	42.6	46.9	70.3#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 16.725 ug/l

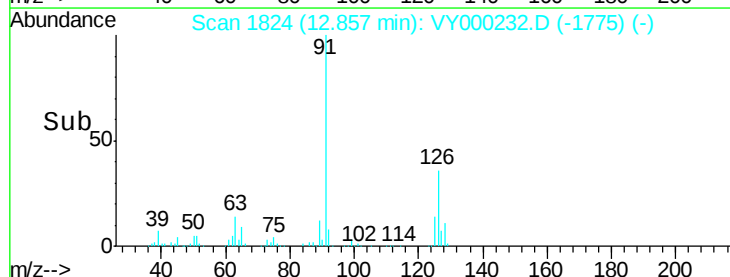
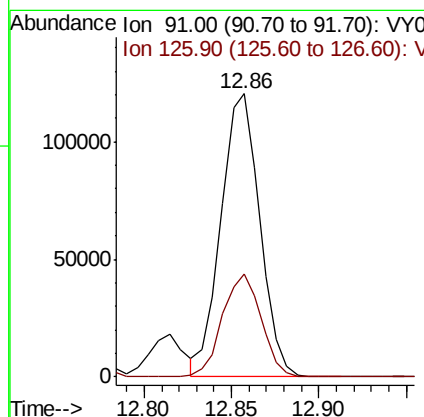
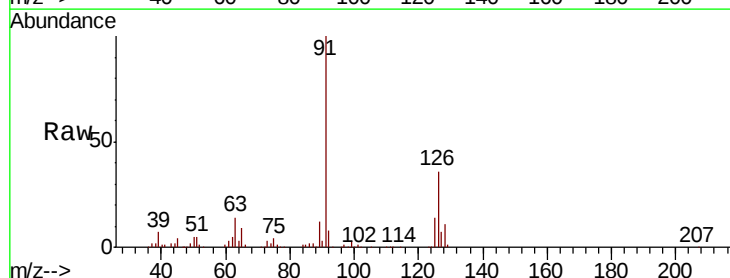
RT: 12.86 min Scan# 1824

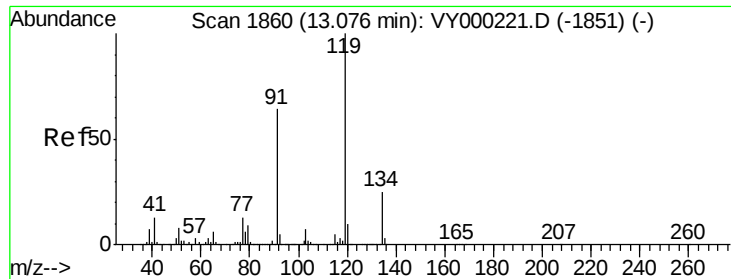
Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Tgt Ion:	91	Resp:	185758
Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.3	52.0





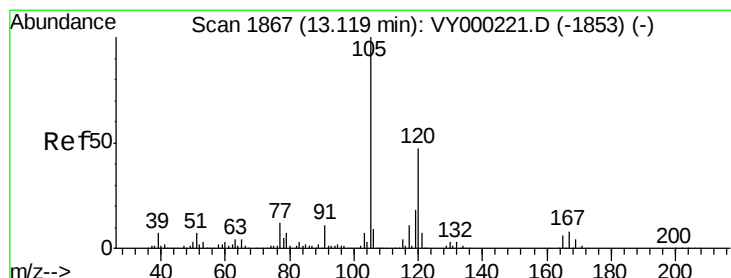
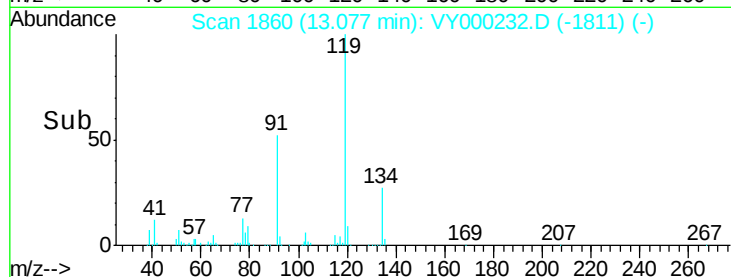
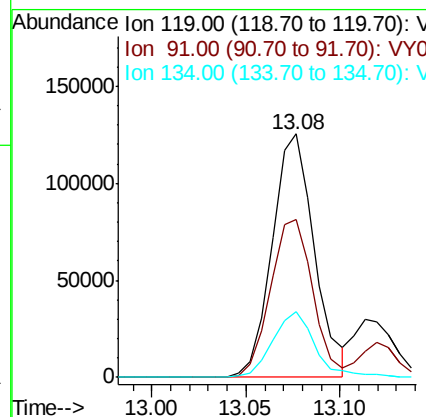
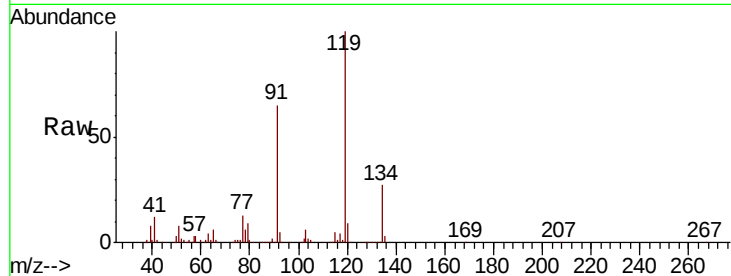
#83
tert-Butylbenzene
Concen: 16.450 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.9	32.4	97.2
134	27.2	13.2	39.6

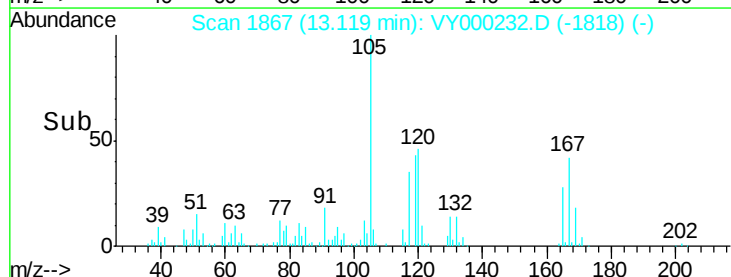
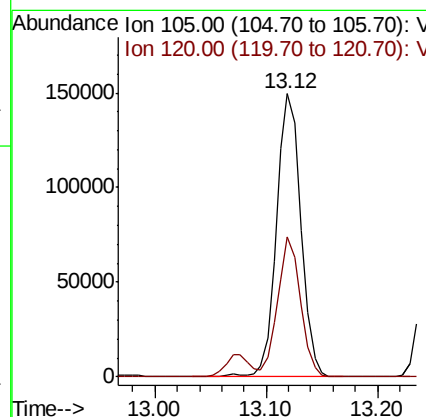
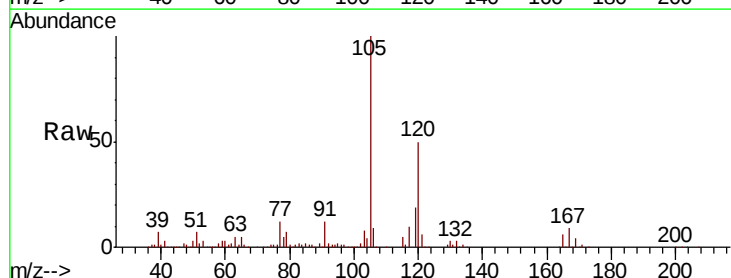
Manual Integrations
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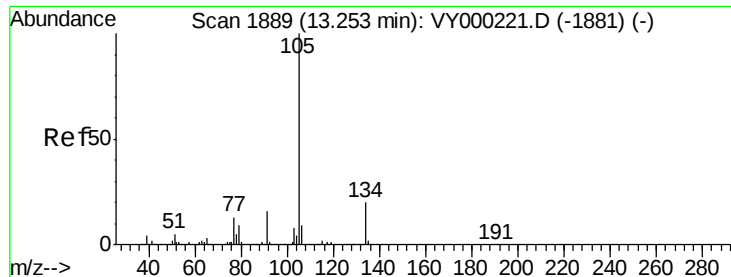
MMDadoda
10/10/2019 12:52:33 AM



#84
1,2,4-Trimethylbenzene
Concen: 16.731 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.8	68.3





#85

sec-Butylbenzene

Concen: 16.196 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBS01

Tot Ion:105 Resp: 263991

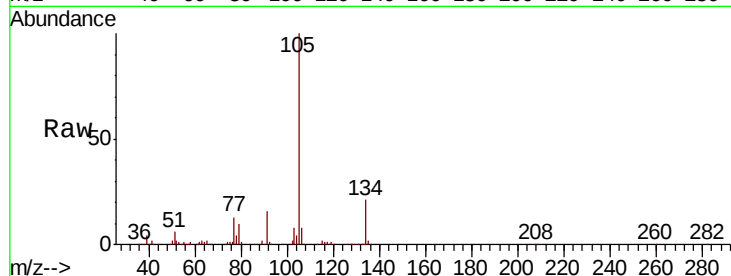
Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6

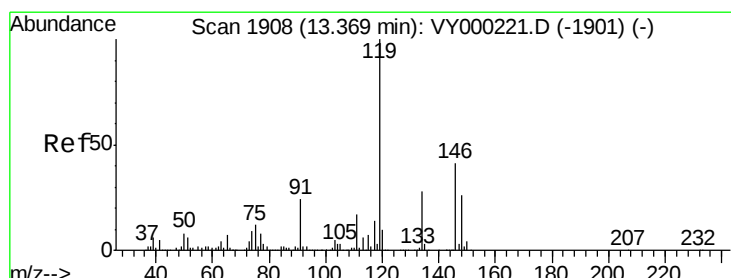
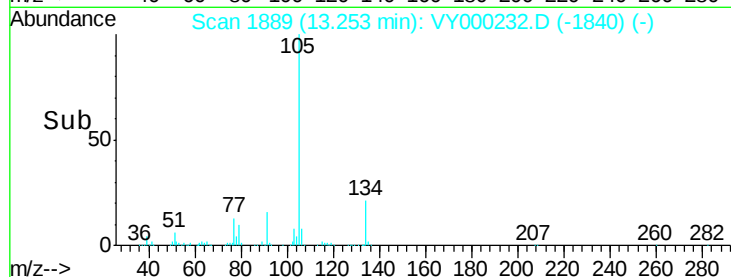
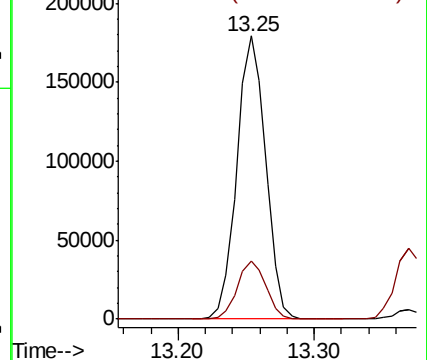
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.451 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000232.D

Acq: 08 Oct 2019 20:44

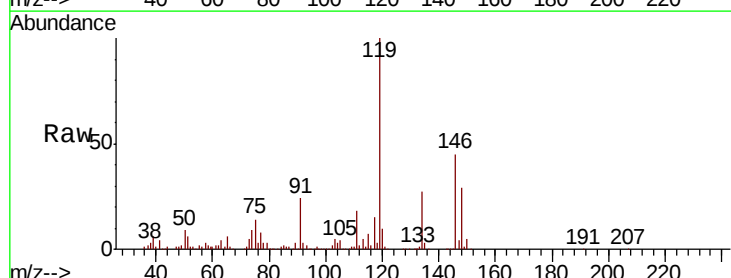
Tgt Ion:119 Resp: 235800

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

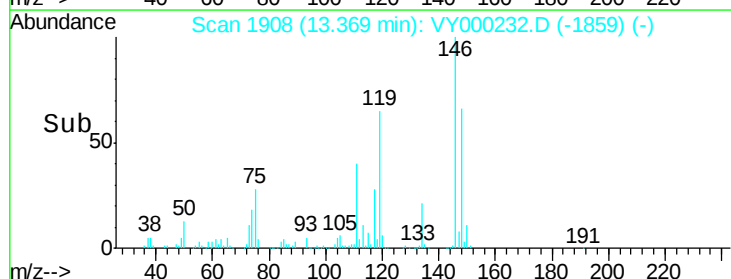
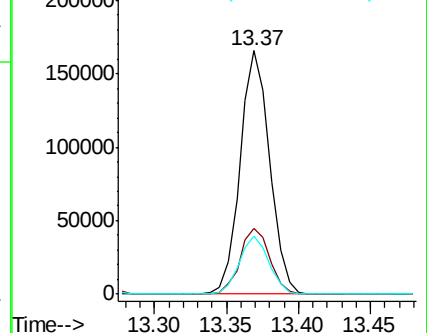
91 24.1 11.7 35.1

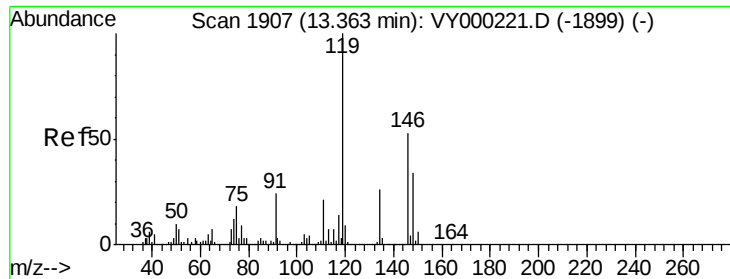


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





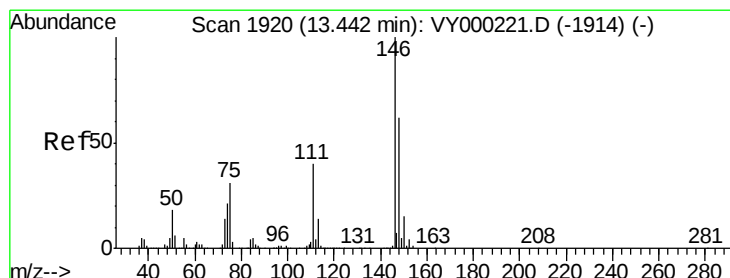
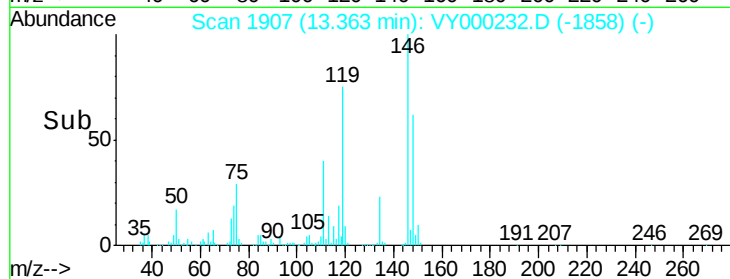
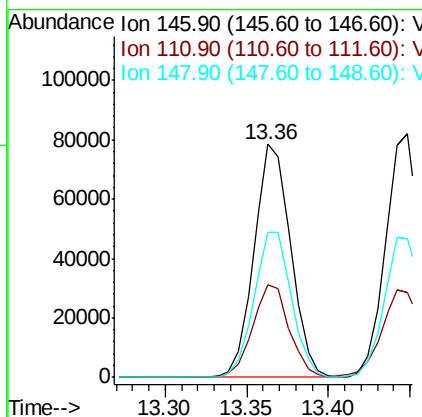
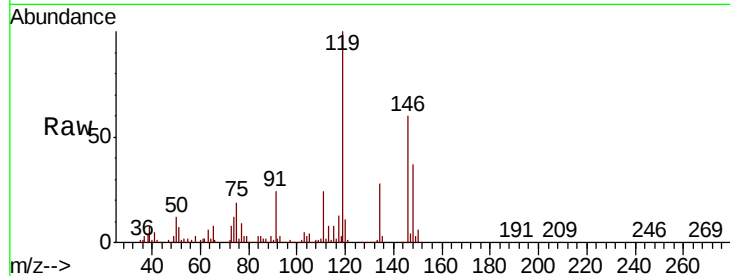
#87
 1,3-Dichlorobenzene
 Concen: 17.664 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000232.D
 Acq: 08 Oct 2019 20:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.8
148	63.6	31.7	95.1

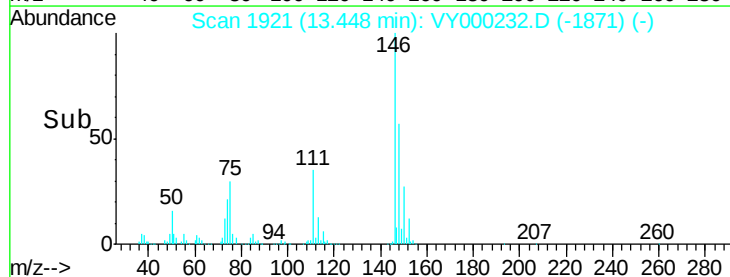
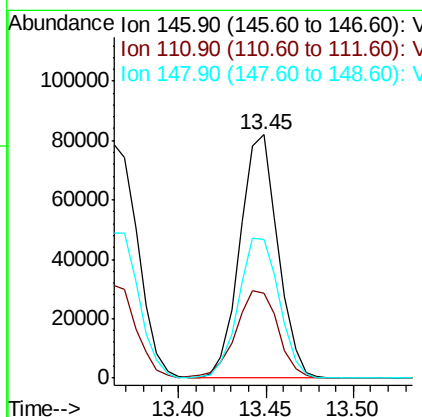
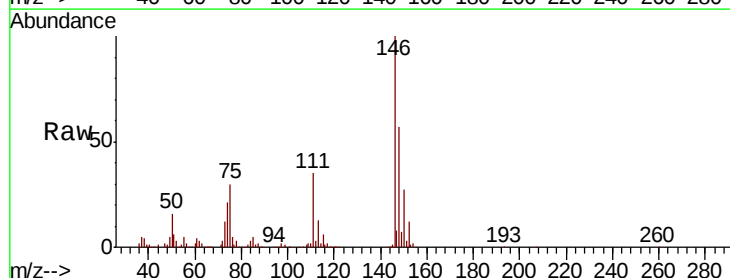
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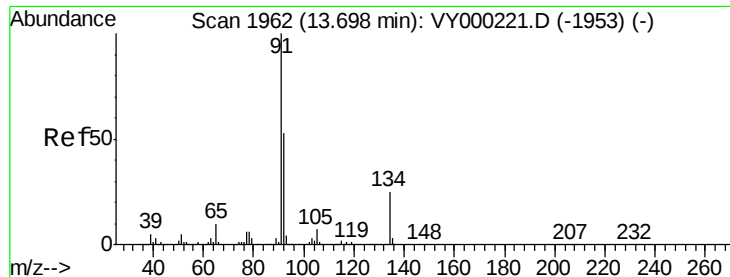
MMDadoda
 10/10/2019 12:52:33 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.162 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000232.D
 Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.3
148	61.5	31.6	94.8





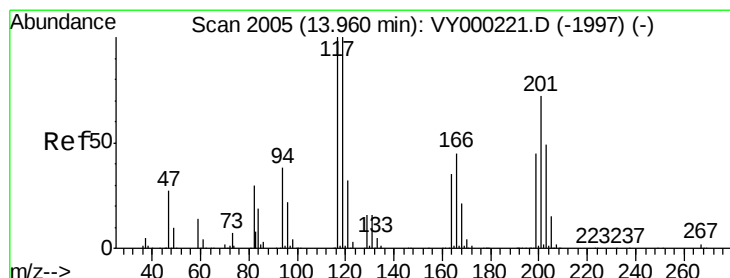
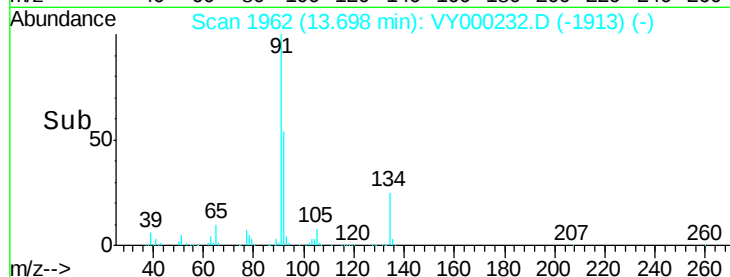
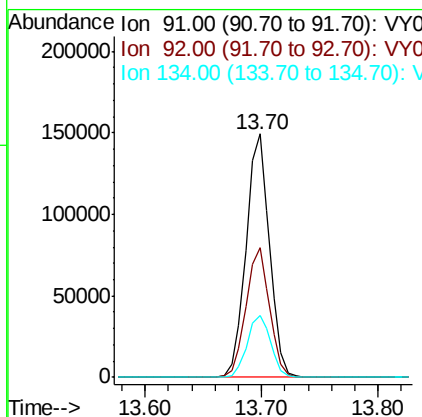
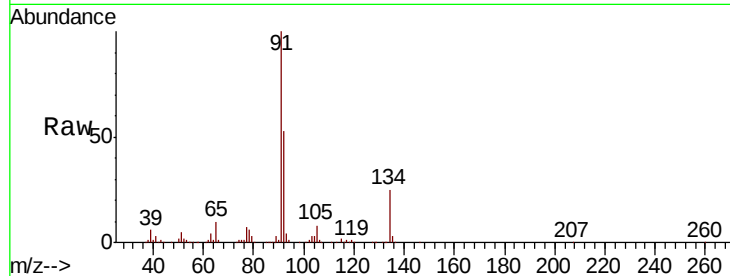
#89
n-Butylbenzene
Concen: 15.478 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	209087		
92	53.6		27.0	80.8
134	25.7		12.8	38.4

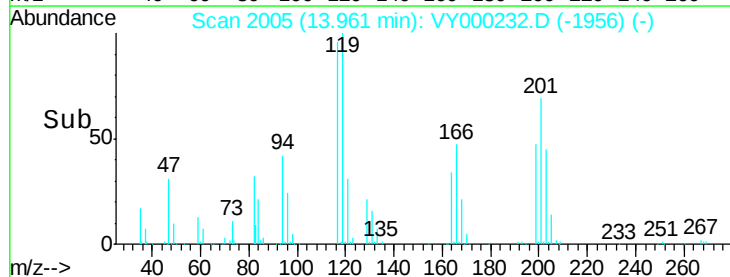
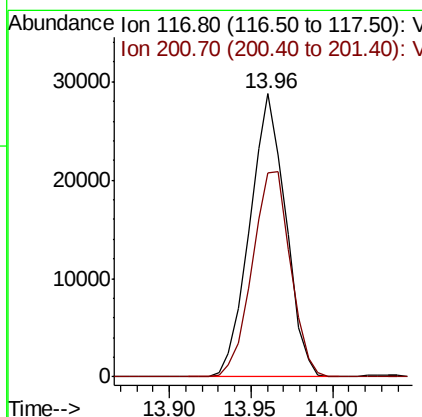
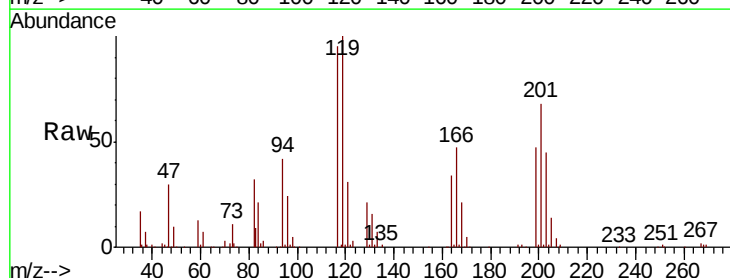
Manual Integrations
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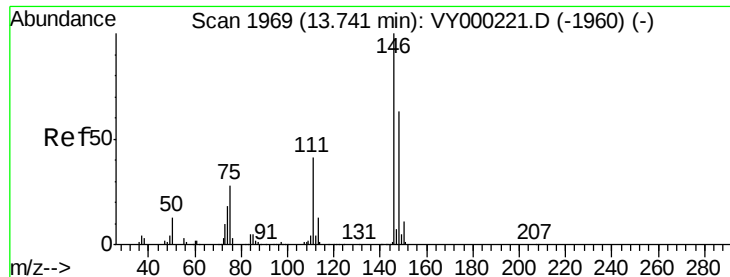
MMDadoda
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#90
Hexachloroethane
Concen: 16.258 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44080		
201	76.9		35.5	106.5





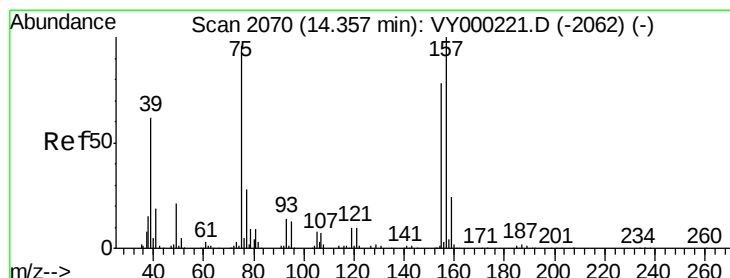
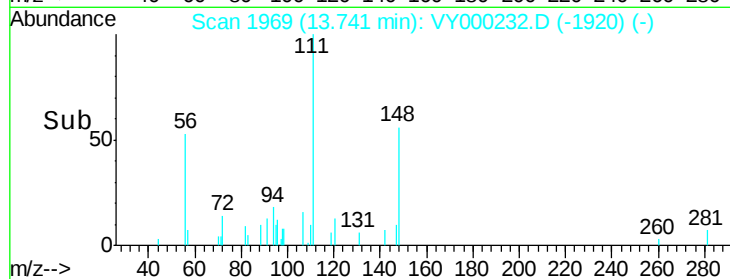
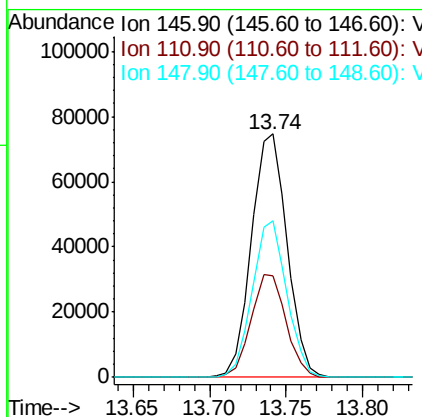
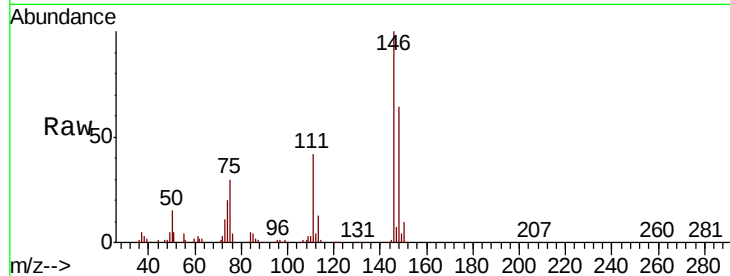
#91
 1,2-Dichlorobenzene
 Concen: 17.285 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000232.D
 Acq: 08 Oct 2019 20:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.8
148	62.2	31.6	95.0

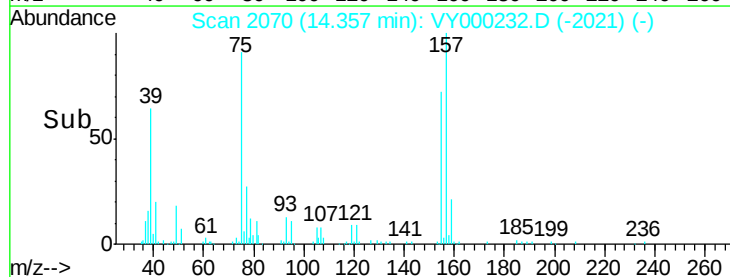
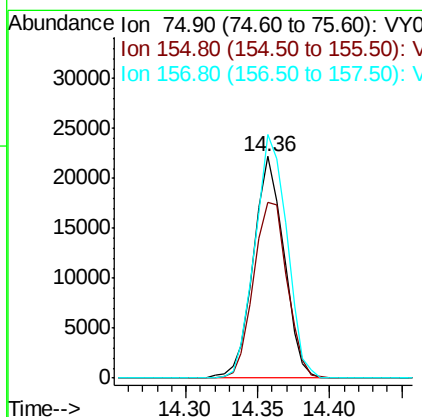
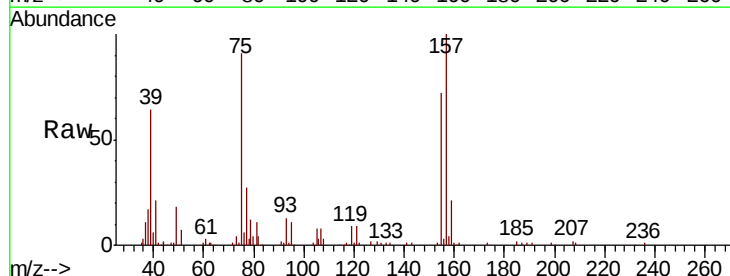
Manual Integrations
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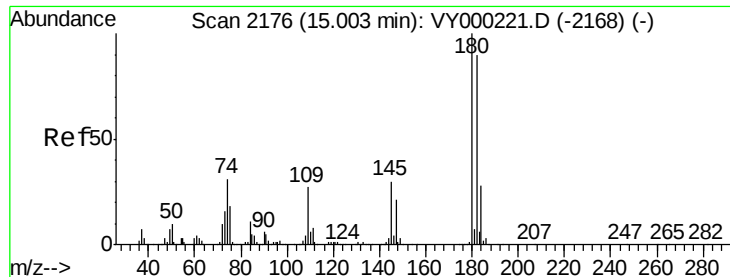
MMDadoda
 10/10/2019 12:52:33 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.277 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000232.D
 Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.0	42.4	127.3
157	114.8	53.8	161.5





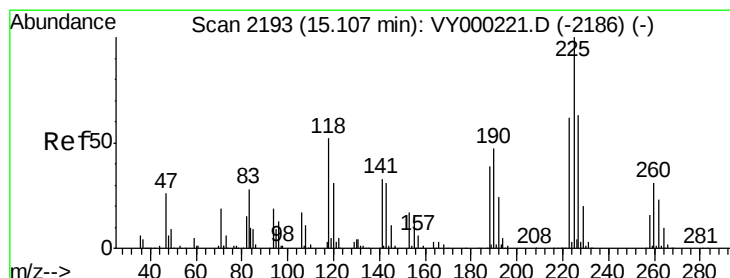
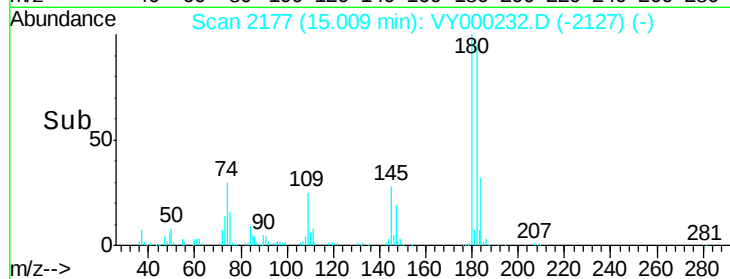
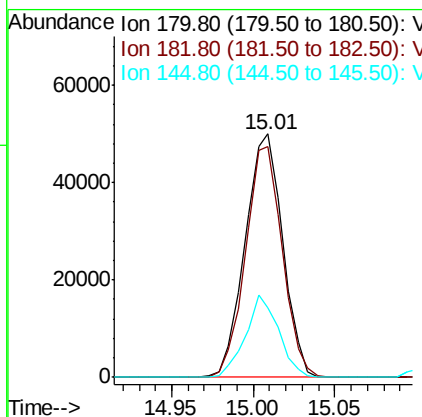
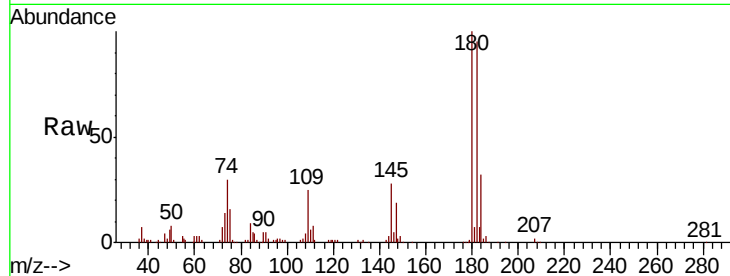
#93
 1,2,4-Trichlorobenzene
 Concen: 16.825 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000232.D
 Acq: 08 Oct 2019 20:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	80124		
182	93.0	47.2	141.6	
145	30.1	15.3	45.8	

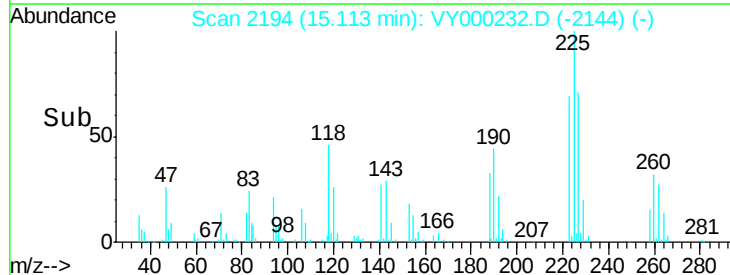
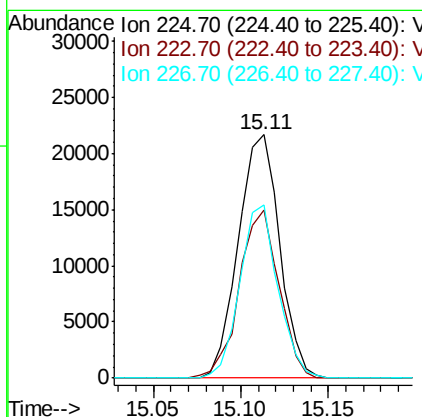
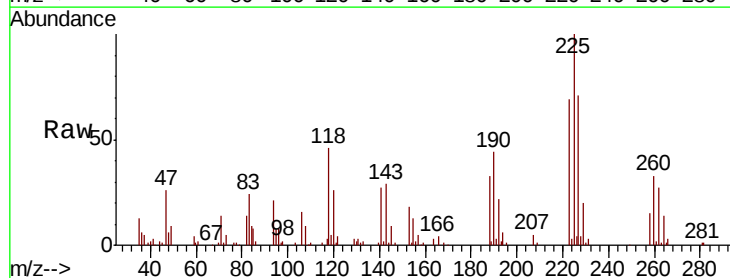
Manual Integrations
 APPROVED

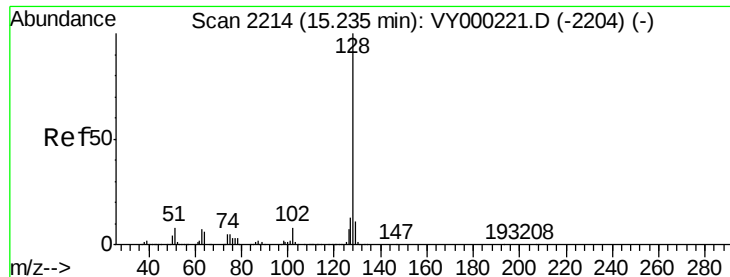
MMDadoda
 10/10/2019 12:52:33 AM



#94
 Hexachlorobutadiene
 Concen: 15.642 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000232.D
 Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	35598		
223	66.4	31.9	95.5	
227	65.6	31.5	94.5	





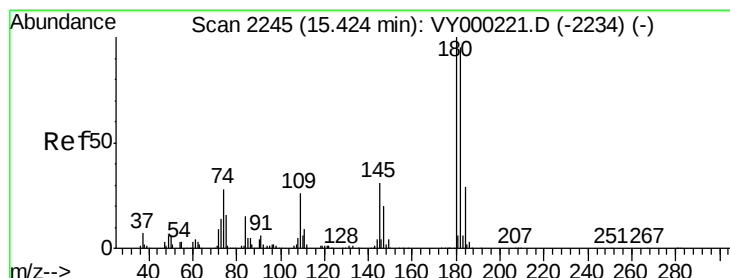
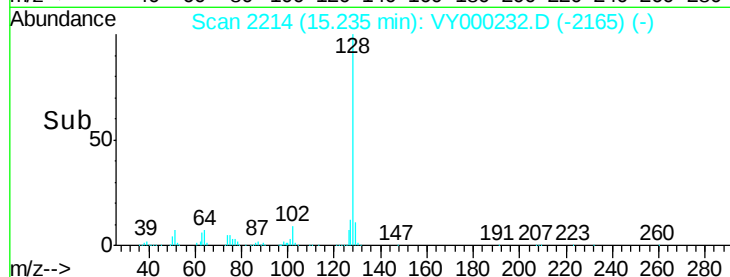
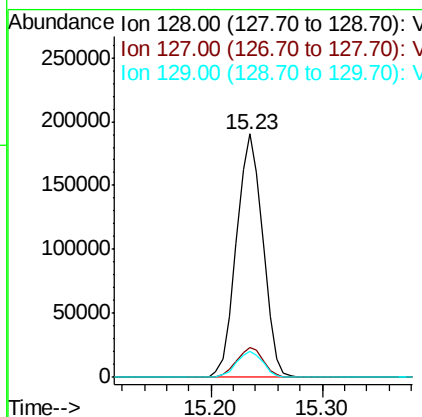
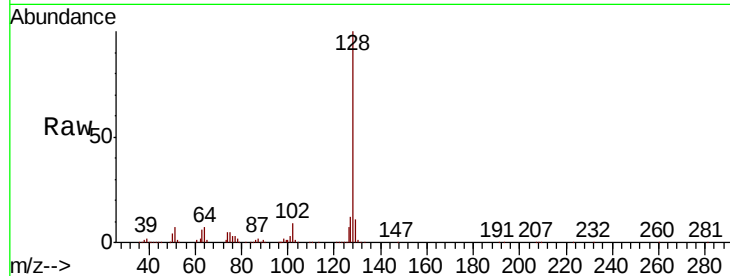
#95
Naphthalene
Concen: 17.400 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:33 AM



#96
1,2,3-Trichlorobenzene
Concen: 16.957 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY000232.D
Acq: 08 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.9	143.7
145	33.2	16.3	48.9

