

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000260.D
 Acq On : 10 Oct 2019 17:51
 Operator : SY/MD
 Sample : 2.5PPBMDL
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:34:00 PM

Quant Time: Oct 11 07:23:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 07:12:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	246623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	409587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	358018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	161778	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	161700	50.98	ug/l	0.00
Spiked Amount						
			Recovery	=	101.96%	
35) Dibromofluoromethane	7.73	113	129344	50.68	ug/l	0.00
Spiked Amount						
			Recovery	=	101.36%	
50) Toluene-d8	10.19	98	485695	48.45	ug/l	0.00
Spiked Amount						
			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.48	95	167804	47.43	ug/l	0.00
Spiked Amount						
			Recovery	=	94.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	5339	2.168	ug/l	92
3) Chloromethane	2.12	50	7578	2.260	ug/l	94
4) Vinyl Chloride	2.25	62	8346	2.411	ug/l	98
5) Bromomethane	2.64	94	7377	3.377	ug/l	84
6) Chloroethane	2.79	64	5293	2.421	ug/l #	82
7) Trichlorofluoromethane	3.12	101	10871	2.430	ug/l	86
8) Diethyl Ether	3.54	74	5751	2.812	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	6142	2.352	ug/l	90
10) Methyl Iodide	4.09	142	5814	1.509	ug/l #	88
11) Tert butyl alcohol	4.96	59	26719m	15.505	ug/l	
12) 1,1-Dichloroethene	3.87	96	6429	2.371	ug/l	90
13) Acrolein	3.74	56	11339	12.536	ug/l	89
14) Allyl chloride	4.47	41	10601	2.320	ug/l	93
15) Acrylonitrile	5.18	53	36234	11.912	ug/l	96
16) Acetone	3.96	43	35026	13.942	ug/l	94
17) Carbon Disulfide	4.20	76	17202	2.152	ug/l #	93
18) Methyl Acetate	4.49	43	17966	2.610	ug/l	96
19) Methyl tert-butyl Ether	5.24	73	24247	2.444	ug/l	100
20) Methylene Chloride	4.72	84	8568	2.596	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	7388	2.422	ug/l	97
22) Diisopropyl ether	6.13	45	24557	2.320	ug/l #	96
23) Vinyl Acetate	6.07	43	110376	11.513	ug/l	100
24) 1,1-Dichloroethane	6.04	63	14050	2.602	ug/l	96
25) 2-Butanone	7.00	43	58721	12.635	ug/l	96
26) 2,2-Dichloropropane	7.00	77	11935	2.449	ug/l	77
27) cis-1,2-Dichloroethene	7.00	96	8687	2.418	ug/l	98
28) Bromochloromethane	7.35	49	4808	2.705	ug/l #	84
29) Tetrahydrofuran	7.36	42	38800	11.821	ug/l	96
30) Chloroform	7.52	83	13533	2.415	ug/l	94
31) Cyclohexane	7.80	56	16569	3.038	ug/l #	76
32) 1,1,1-Trichloroethane	7.71	97	10682	2.242	ug/l #	90
36) 1,1-Dichloropropene	7.93	75	10608	2.545	ug/l	96
37) Ethyl Acetate	7.09	43	20293	2.694	ug/l	97
38) Carbon Tetrachloride	7.91	117	10649	2.622	ug/l #	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	11354	2.172	ug/l #	80
40) Benzene	8.17	78	30153	2.385	ug/l	96
41) Methacrylonitrile	7.35	41	15748m	2.656	ug/l	
42) 1,2-Dichloroethane	8.25	62	10897	2.654	ug/l	89
43) Isopropyl Acetate	8.28	43	24943	2.572	ug/l	98
44) Trichloroethene	8.95	130	8529	2.488	ug/l	93
45) 1,2-Dichloropropane	9.23	63	8123	2.565	ug/l	96
46) Dibromomethane	9.31	93	5853	2.637	ug/l	99
47) Bromodichloromethane	9.50	83	10769	2.480	ug/l #	87
48) Methyl methacrylate	9.30	41	10269	2.346	ug/l	98
49) 1,4-Dioxane	9.30	88	5734	51.031	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	89698	12.308	ug/l	99
52) Toluene	10.25	92	19246	2.374	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	11392	2.312	ug/l	93
54) cis-1,3-Dichloropropene	9.94	75	12063	2.263	ug/l	90
55) 1,1,2-Trichloroethane	10.65	97	7433	2.325	ug/l	90
56) Ethyl methacrylate	10.51	69	12545	2.229	ug/l	95
57) 1,3-Dichloropropane	10.80	76	14321	2.623	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	30684	12.230	ug/l	99
59) 2-Hexanone	10.84	43	74912	12.128	ug/l	99
60) Dibromochloromethane	10.99	129	8130	2.405	ug/l	96
61) 1,2-Dibromoethane	11.10	107	8821	2.597	ug/l	97
64) Tetrachloroethene	10.72	164	9502	2.904	ug/l	95
65) Chlorobenzene	11.52	112	20045	2.416	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	7283	2.455	ug/l	90
67) Ethyl Benzene	11.60	91	35169	2.371	ug/l	99
68) m/p-Xylenes	11.70	106	27401	4.842	ug/l	92
69) o-Xylene	12.03	106	13796	2.531	ug/l	89
70) Styrene	12.05	104	20229	2.154	ug/l	99
71) Bromoform	12.20	173	5960	2.435	ug/l #	95
73) Isopropylbenzene	12.33	105	33819	2.467	ug/l	99
74) N-amyl acetate	12.14	43	14693	2.251	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	12653	2.705	ug/l	94
76) 1,2,3-Trichloropropane	12.64	75	11516m	2.696	ug/l	
77) Bromobenzene	12.61	156	8464	2.633	ug/l	92
78) n-propylbenzene	12.67	91	36981	2.310	ug/l	99
79) 2-Chlorotoluene	12.76	91	23364	2.534	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	27692	2.421	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	4390	2.121	ug/l	88
82) 4-Chlorotoluene	12.86	91	22399	2.399	ug/l	98
83) tert-Butylbenzene	13.07	119	24212	2.435	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	25423	2.225	ug/l	86
85) sec-Butylbenzene	13.25	105	31161	2.274	ug/l	98
86) p-Isopropyltoluene	13.37	119	28065	2.329	ug/l	96
87) 1,3-Dichlorobenzene	13.36	146	15185	2.606	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	15910	2.622	ug/l	93
89) n-Butylbenzene	13.70	91	25091	2.209	ug/l	99
90) Hexachloroethane	13.96	117	5296	2.323	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	14618	2.479	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	3946	2.701	ug/l	95

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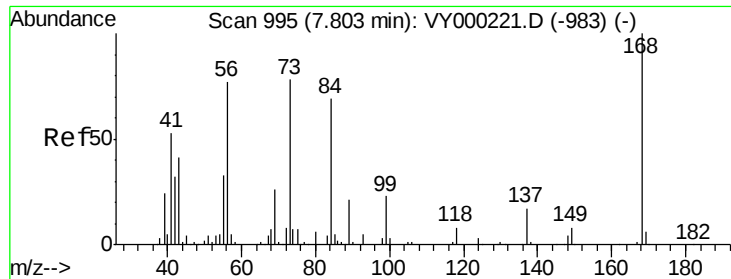
Manual Integrations
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10/14/2019 1:34:00 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	9534	2.381	ug/l	97
94) Hexachlorobutadiene	15.11	225	4097	2.141	ug/l	86
95) Naphthalene	15.23	128	37766	2.507	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	10132	2.631	ug/l	97

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



#1

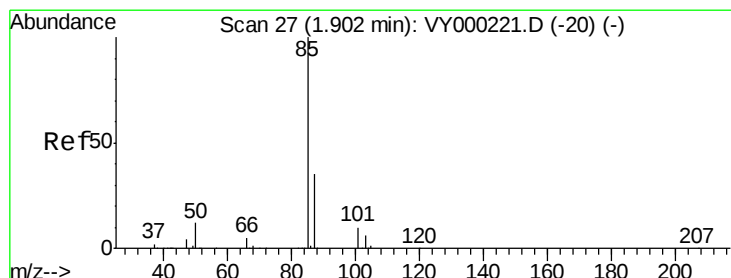
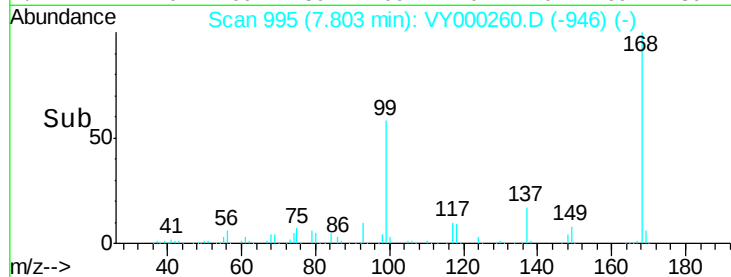
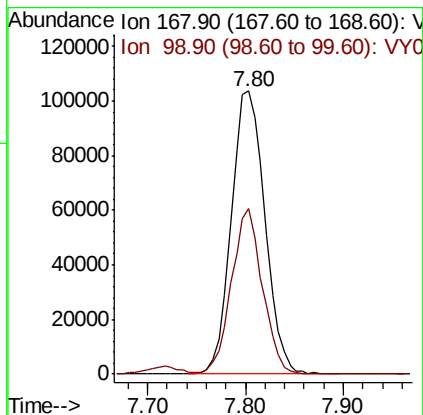
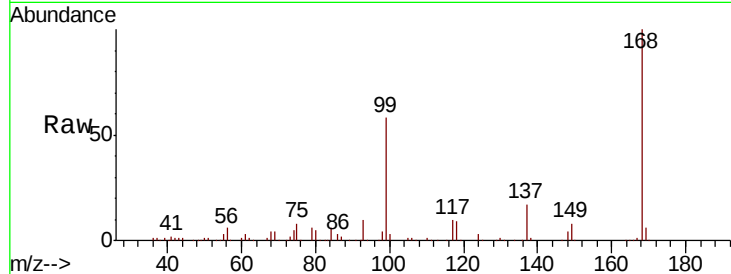
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.3	45.0	67.6

Manual Integrations
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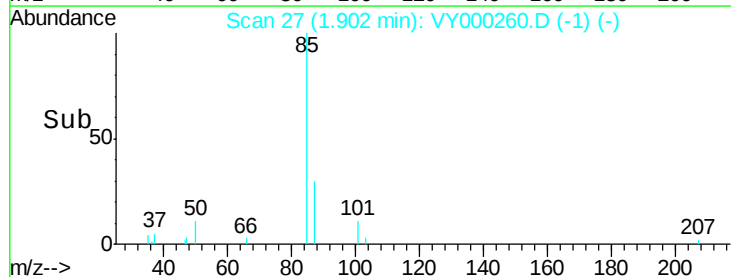
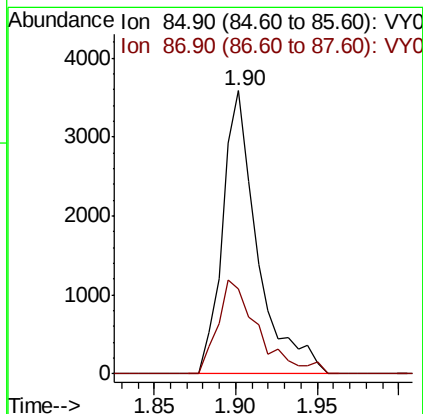
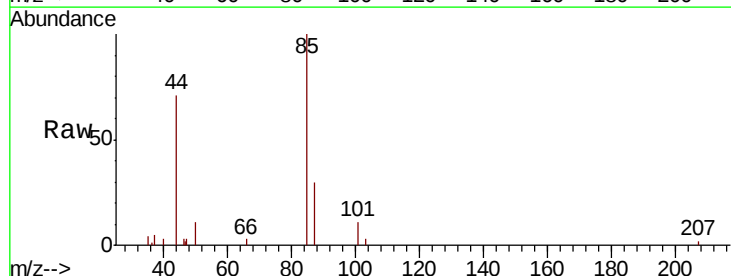
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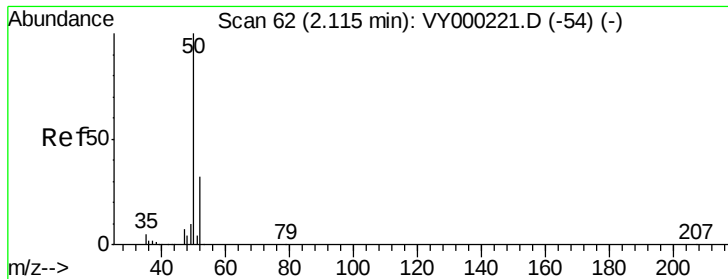


#2

Dichlorodifluoromethane
 Concen: 2.168 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.9	17.4	52.2





#3

Chloromethane

Concen: 2.260 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 50 Resp: 7578

Ion Ratio Lower Upper

50 100

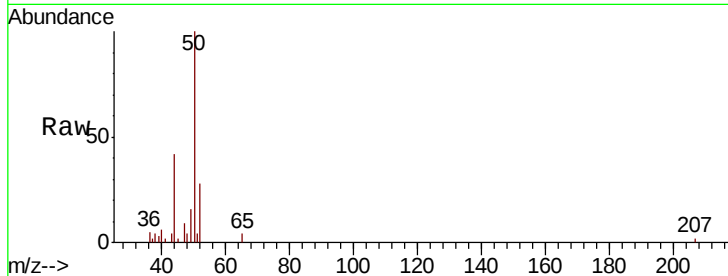
52 28.5 25.4 38.0

Manual Integrations

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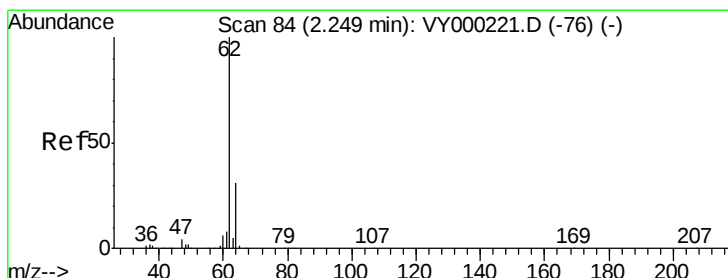
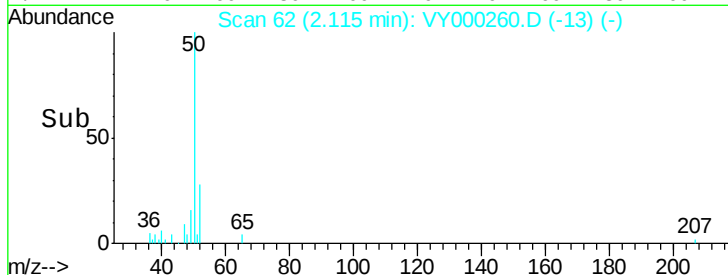
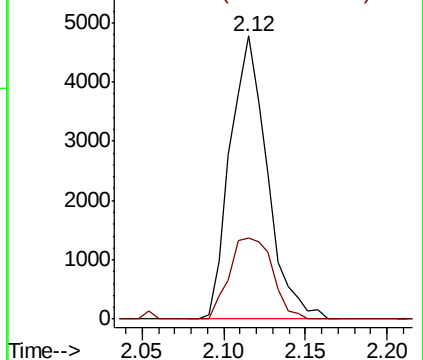
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 2.411 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000260.D

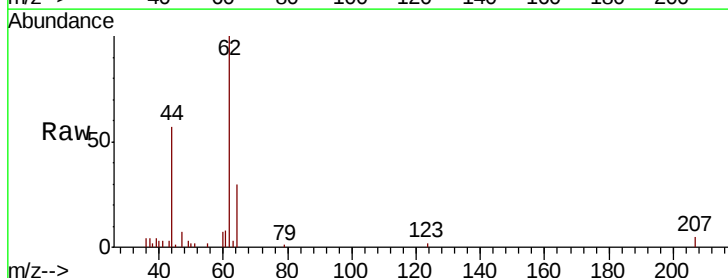
Acq: 10 Oct 2019 17:51

Tgt Ion: 62 Resp: 8346

Ion Ratio Lower Upper

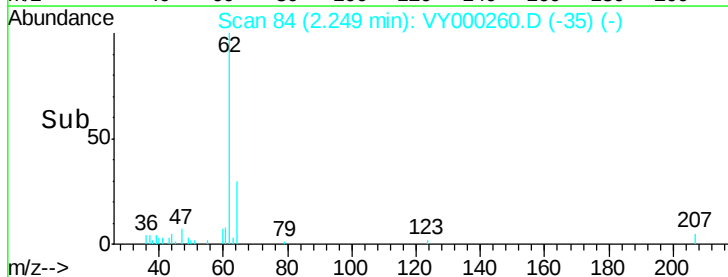
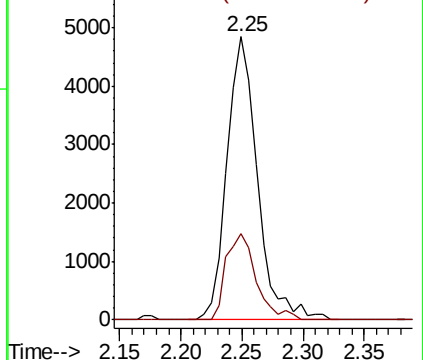
62 100

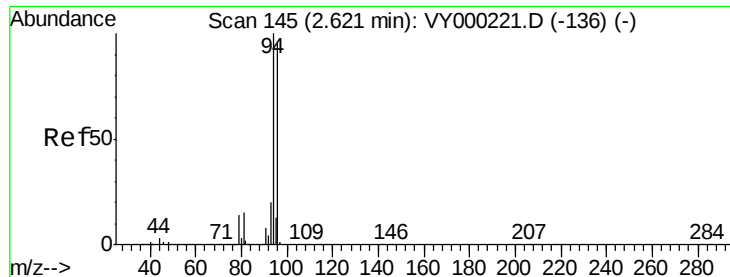
64 30.3 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 3.377 ug/l

RT: 2.64 min Scan# 148

Delta R.T. 0.02 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

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ClientSampleId :

2.5PPBMDL

Tot Ion: 94 Resp: 7377

Ion Ratio Lower Upper

94 100

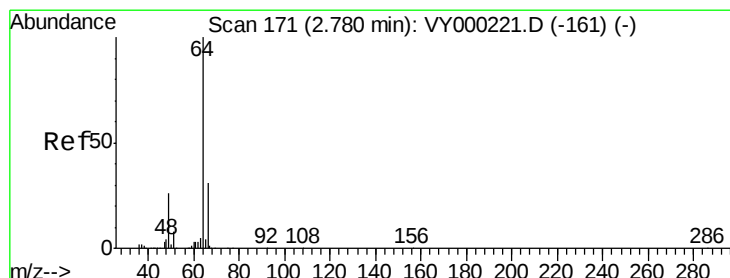
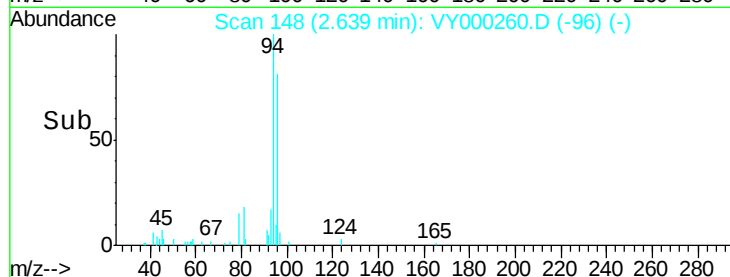
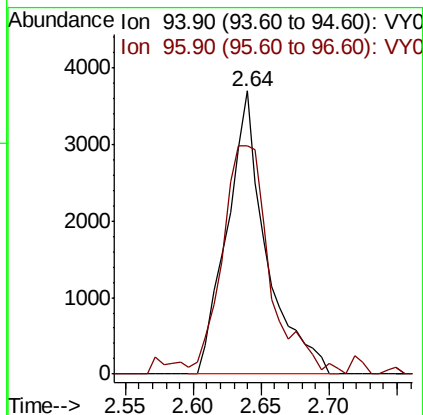
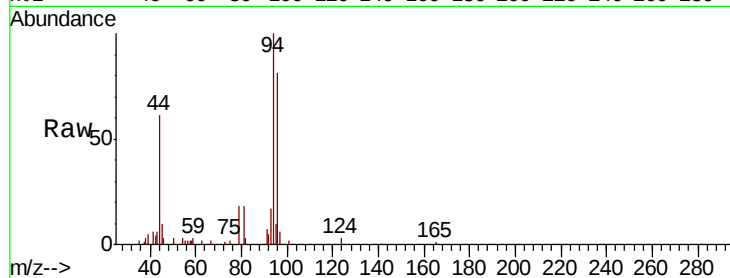
96 78.8 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 2.421 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000260.D

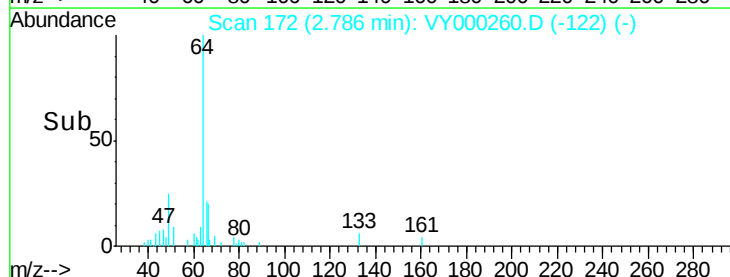
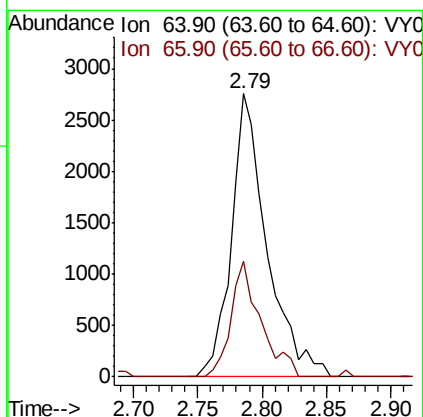
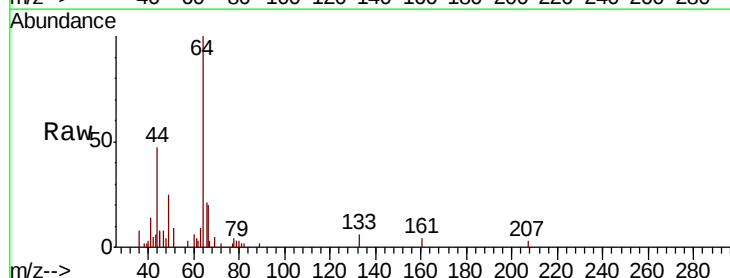
Acq: 10 Oct 2019 17:51

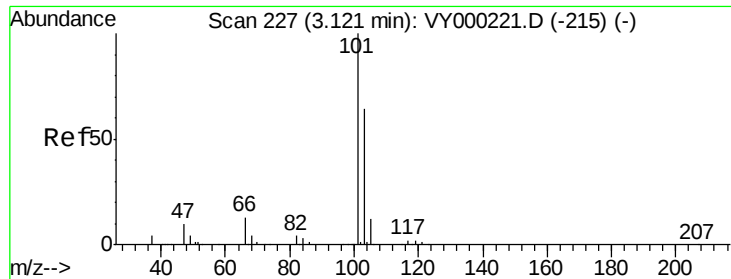
Tgt Ion: 64 Resp: 5293

Ion Ratio Lower Upper

64 100

66 40.7 24.5 36.7#





#7

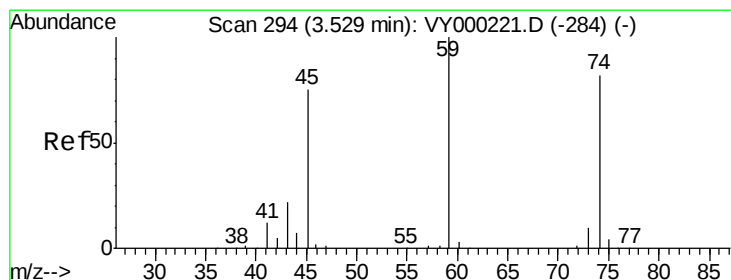
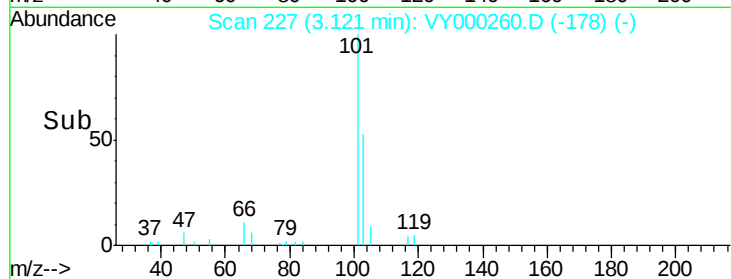
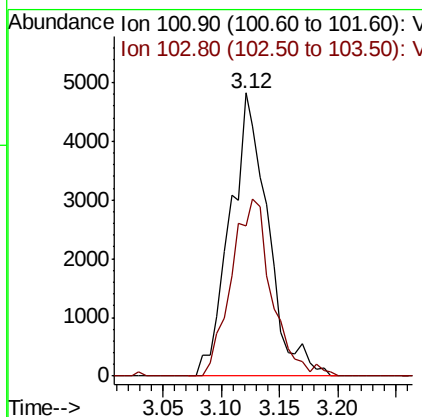
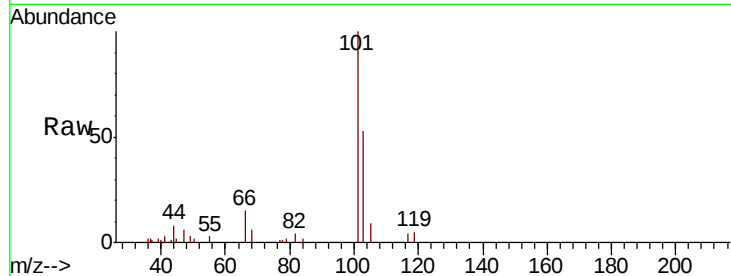
Trichlorofluoromethane
 Concen: 2.430 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

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Tot Ion	Ratio	Lower	Upper
101	100		
103	52.9	51.0	76.6

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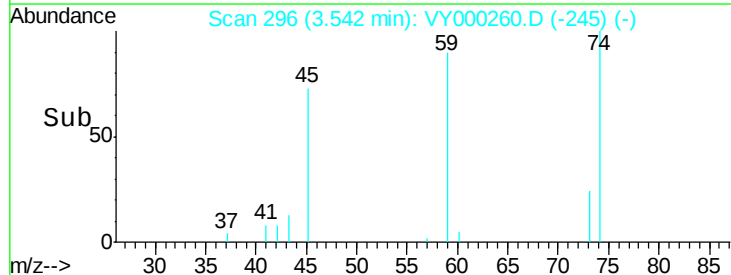
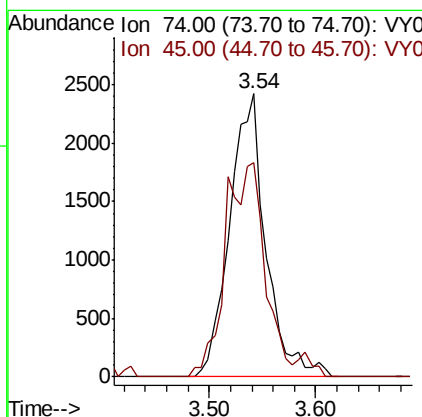
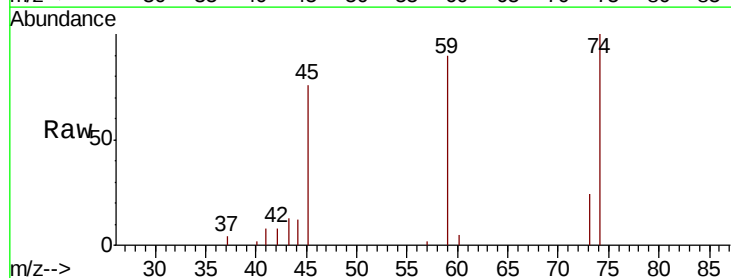
MMDadoda
 10/14/2019 1:34:00 PM

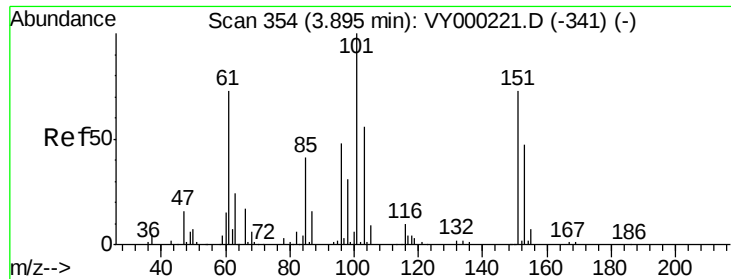


#8

Diethyl Ether
 Concen: 2.812 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.01 min
 Lab File: VY000260.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.0	45.8	137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.352 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY000260.D

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Instrument :

MSVOA_Y

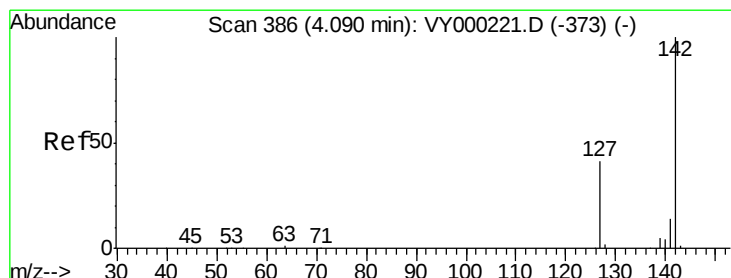
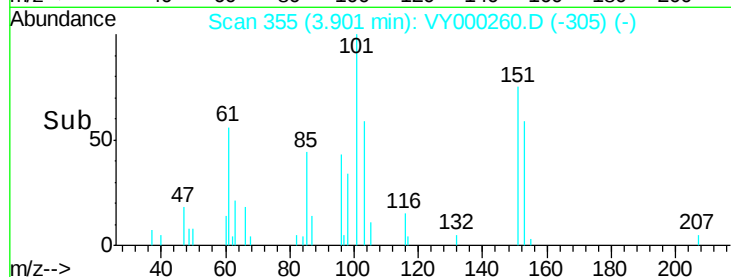
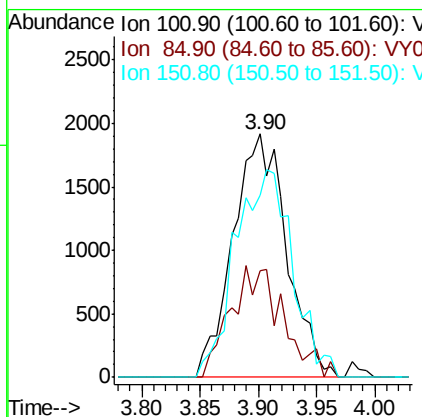
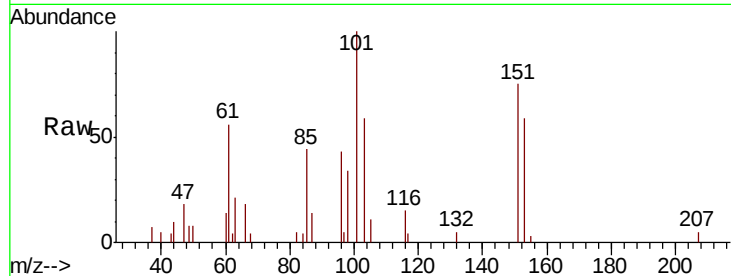
ClientSampleId :

2.5PPBMDL

Tot Ion:	101	Resp:	6142
Ion Ratio	Lower	Upper	
101	100		
85	44.8	37.0	55.6
151	90.8	63.0	94.4

Manual Integrations
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#10

Methyl Iodide

Concen: 1.509 ug/l

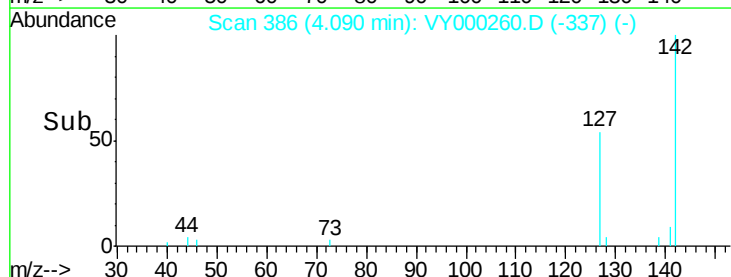
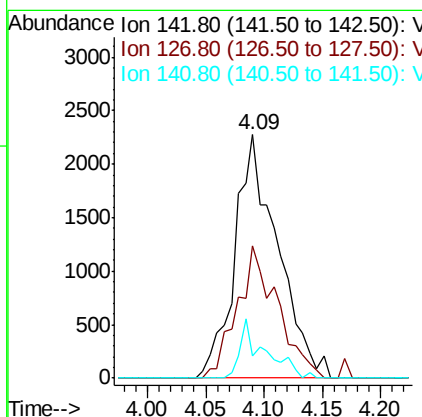
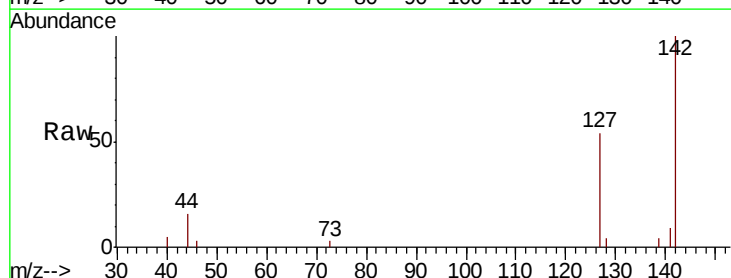
RT: 4.09 min Scan# 386

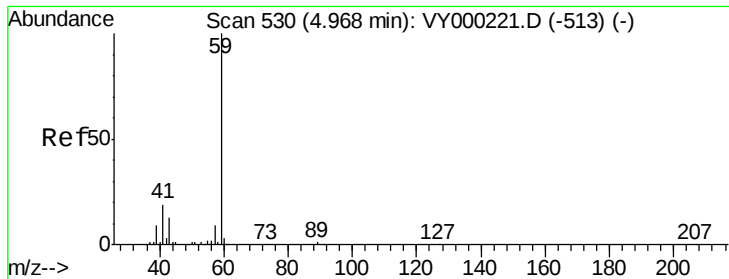
Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Tgt Ion:	142	Resp:	5814
Ion Ratio	Lower	Upper	
142	100		
127	51.1	33.0	49.6#
141	13.9	11.0	16.4





#11

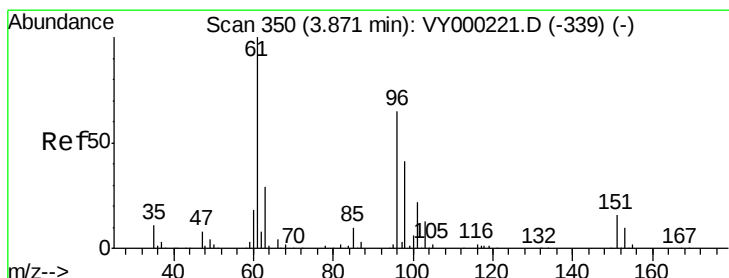
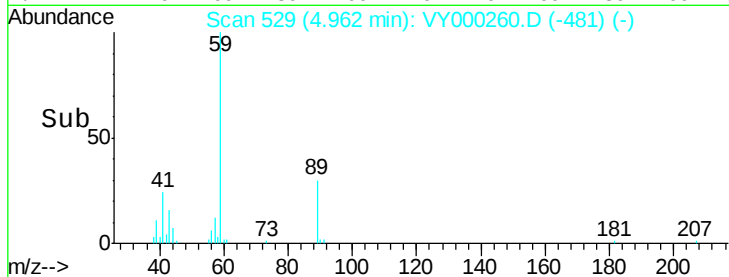
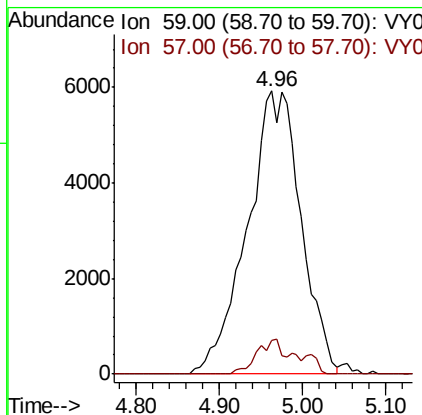
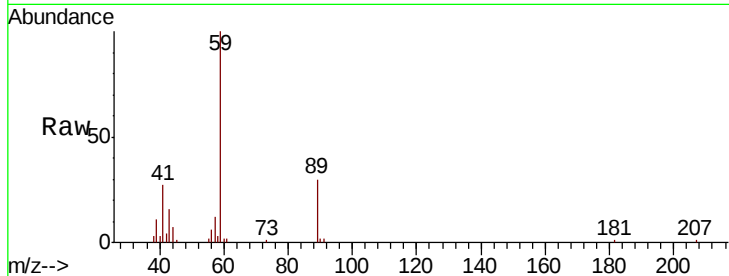
Tert butyl alcohol
 Concen: 15.505 ug/l m
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	59	Resp	26719
Ion Ratio	100	Lower	Upper
57	5.9	8.0	12.0#

Manual Integrations
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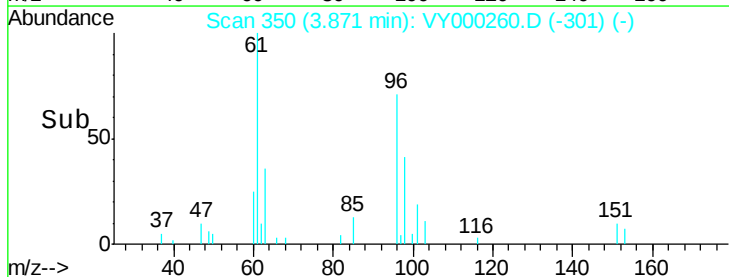
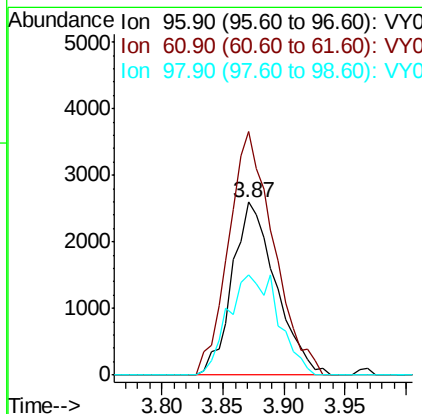
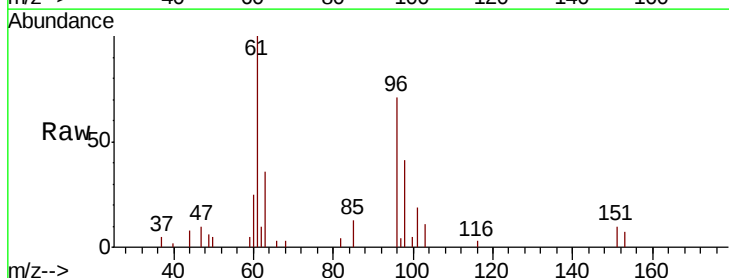
MMDadoda
 10/14/2019 1:34:00 PM

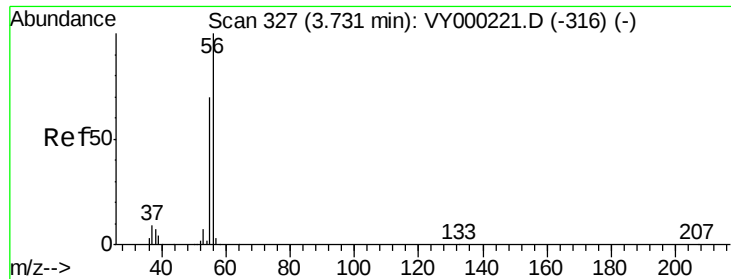


#12

1,1-Dichloroethene
 Concen: 2.371 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Tgt Ion	96	Resp	6429
Ion Ratio	100	Lower	Upper
61	140.8	123.8	185.8
98	58.1	50.9	76.3





#13

Acrolein

Concen: 12.536 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 56 Resp: 11339

Ion Ratio Lower Upper

56 100

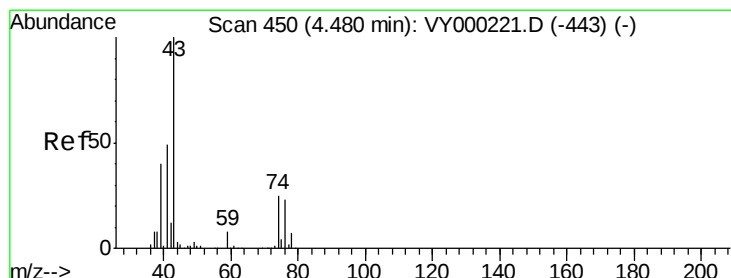
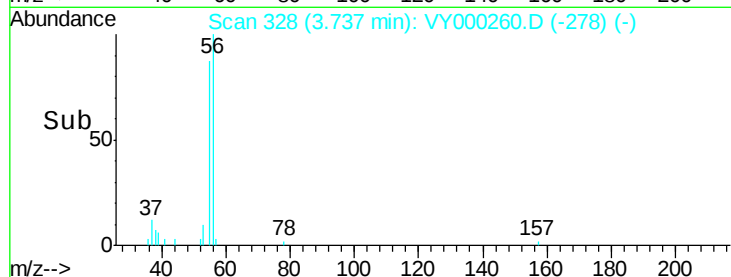
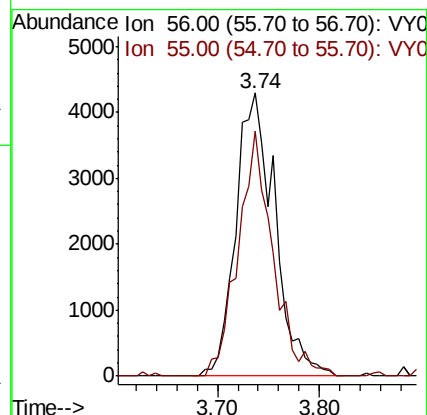
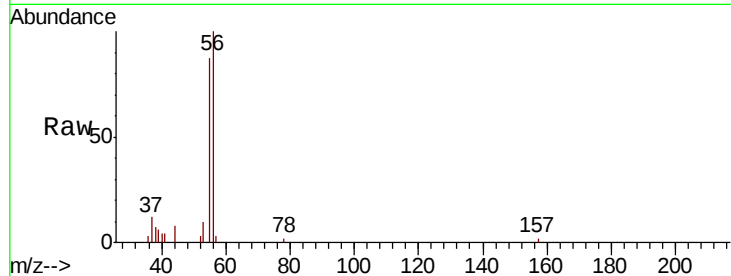
55 77.7 55.2 82.8

Manual Integrations

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#14

Allyl chloride

Concen: 2.320 ug/l

RT: 4.47 min Scan# 449

Delta R.T. -0.01 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

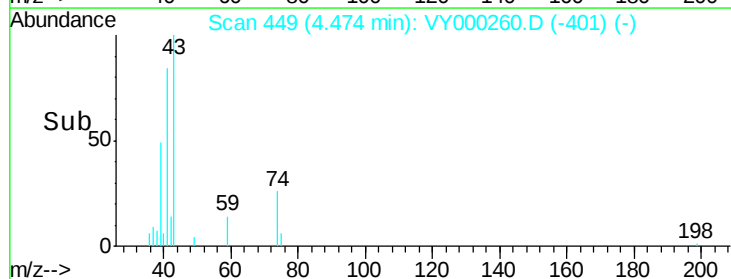
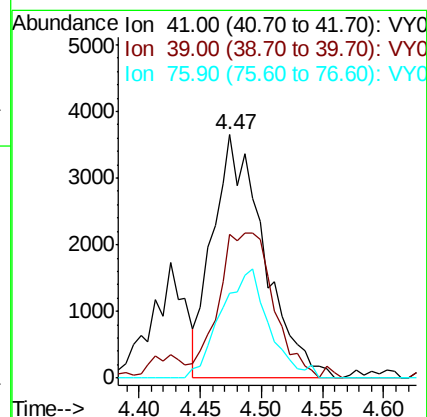
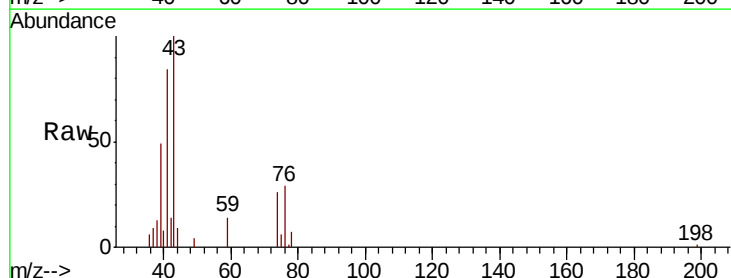
Tgt Ion: 41 Resp: 10601

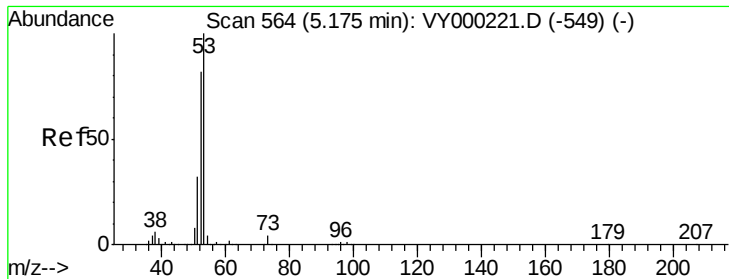
Ion Ratio Lower Upper

41 100

39 64.1 56.4 84.6

76 41.8 30.8 46.2





#15

Acrylonitrile

Concen: 11.912 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

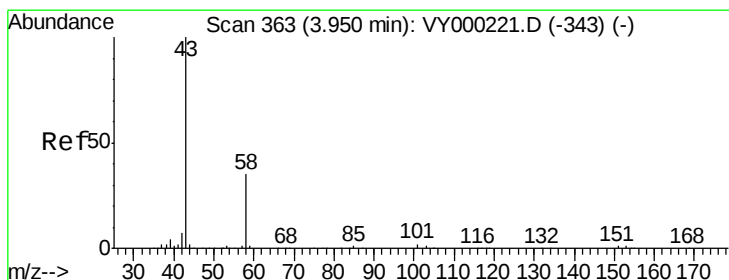
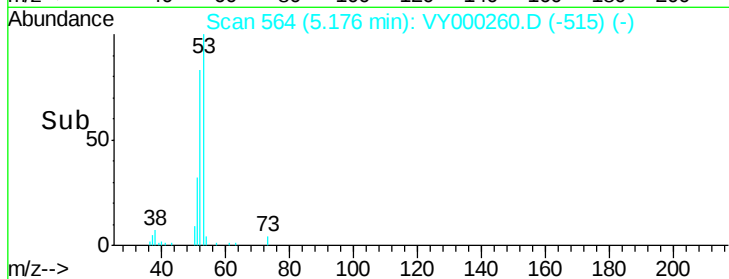
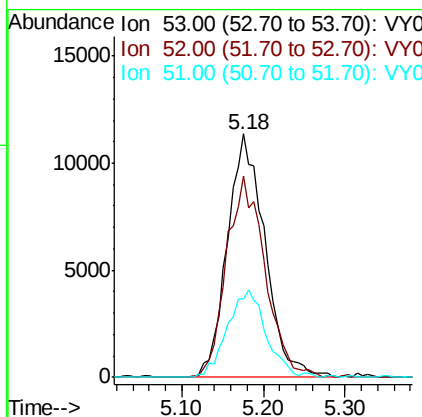
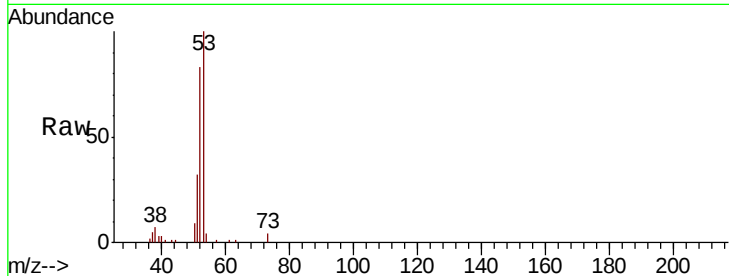
ClientSampleId :

2.5PPBMDL

Tot Ion:	53	Resp:	36234
Ion	Ratio	Lower	Upper
53	100		
52	84.7	65.4	98.2
51	36.6	27.2	40.8

Manual Integrations
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#16

Acetone

Concen: 13.942 ug/l

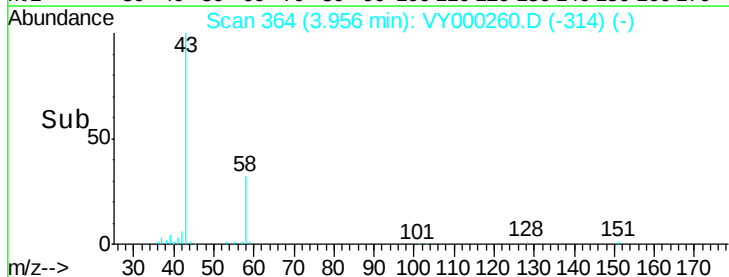
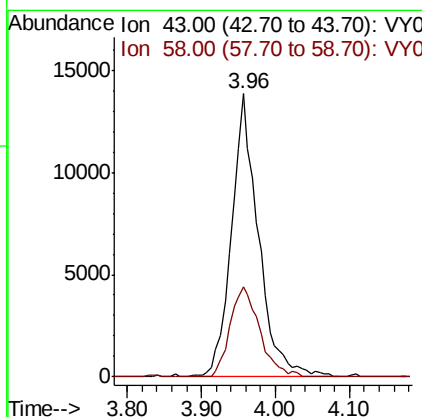
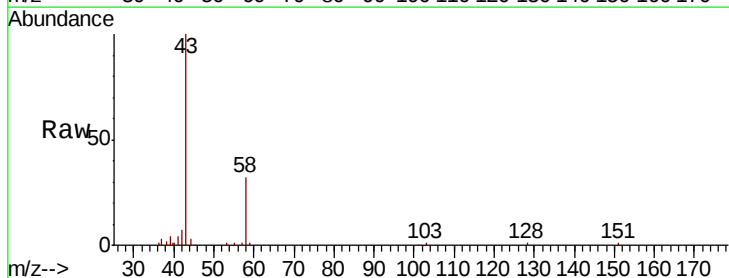
RT: 3.96 min Scan# 364

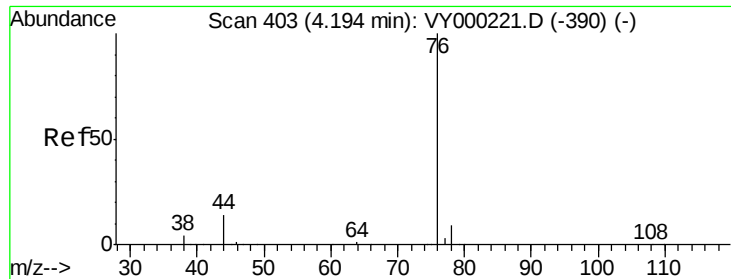
Delta R.T. 0.01 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Tgt Ion:	43	Resp:	35026
Ion	Ratio	Lower	Upper
43	100		
58	31.7	28.2	42.4





#17

Carbon Disulfide

Concen: 2.152 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 76 Resp: 17202

Ion Ratio Lower Upper

76 100

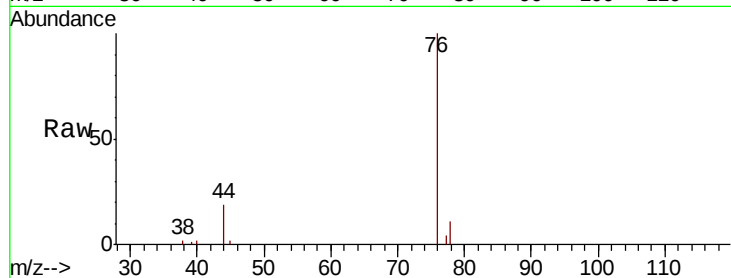
78 11.2 7.0 10.6#

Manual Integrations

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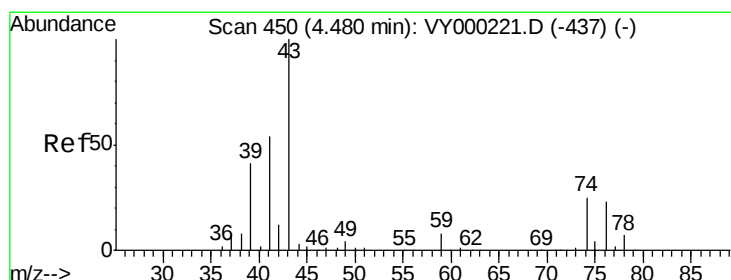
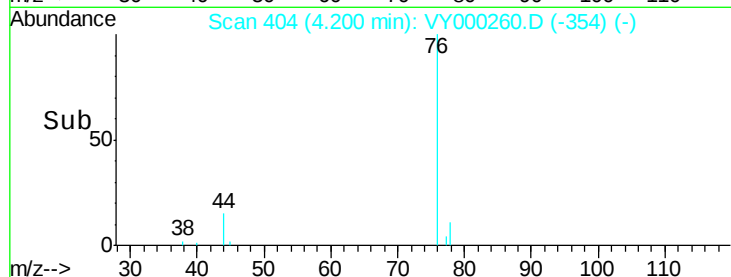
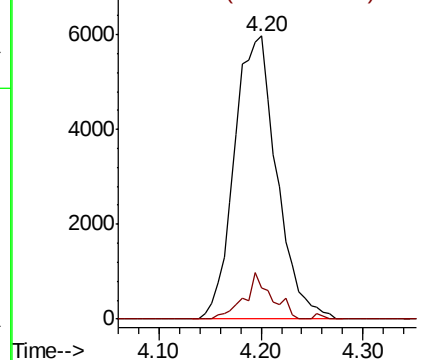
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 2.610 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000260.D

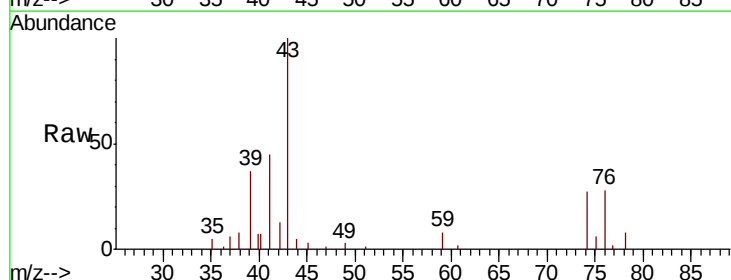
Acq: 10 Oct 2019 17:51

Tgt Ion: 43 Resp: 17966

Ion Ratio Lower Upper

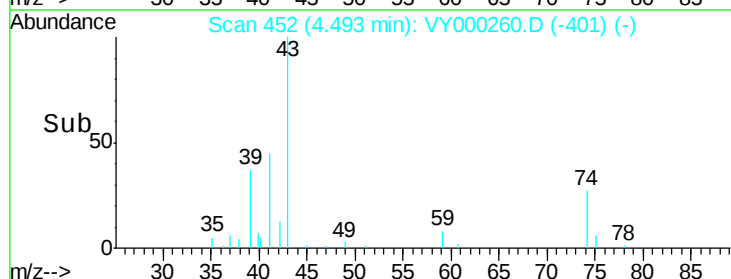
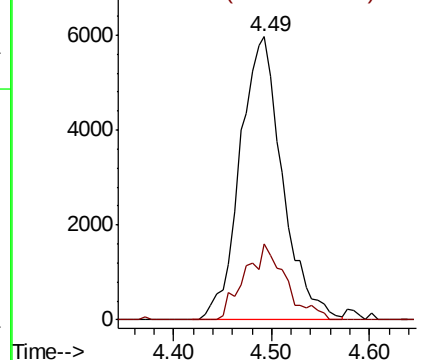
43 100

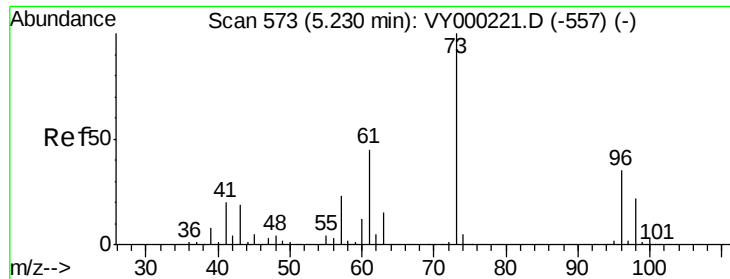
74 25.9 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





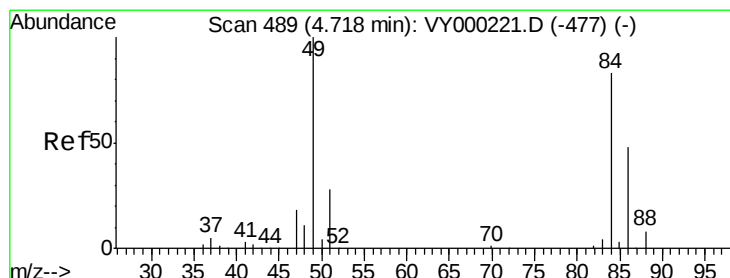
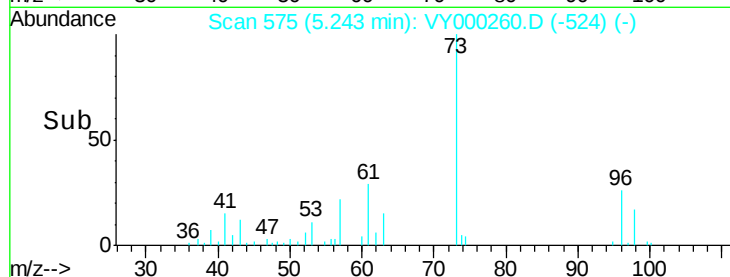
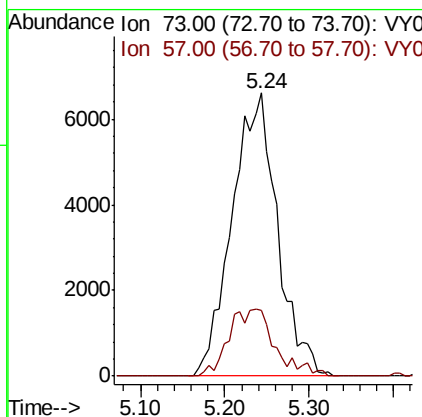
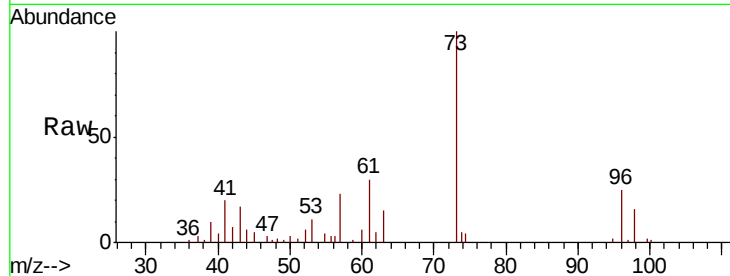
#19
Methyl tert-butyl Ether
Concen: 2.444 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion: 73 Resp: 24247
Ion Ratio Lower Upper
73 100
57 23.1 18.4 27.6

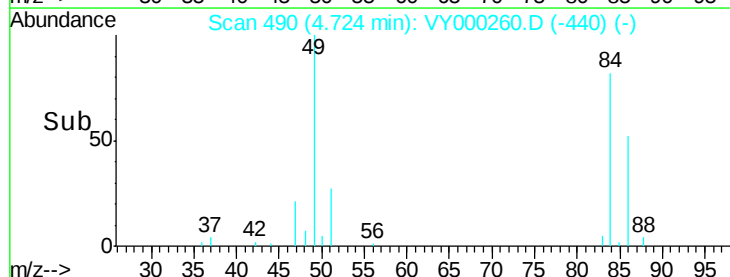
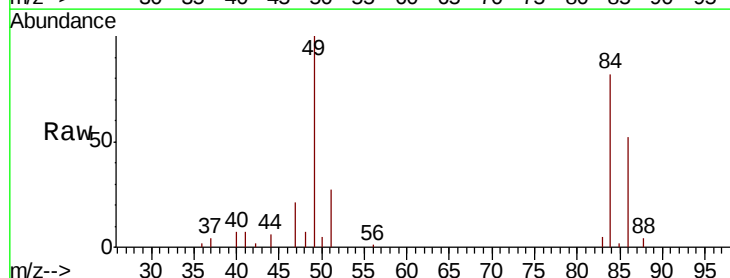
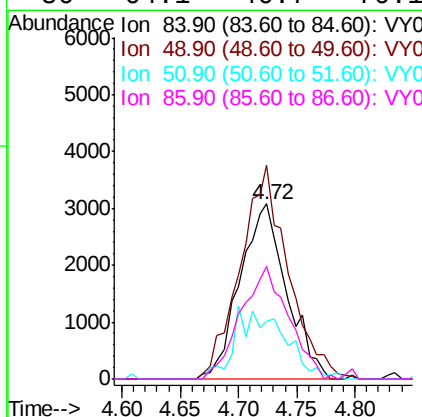
Manual Integrations
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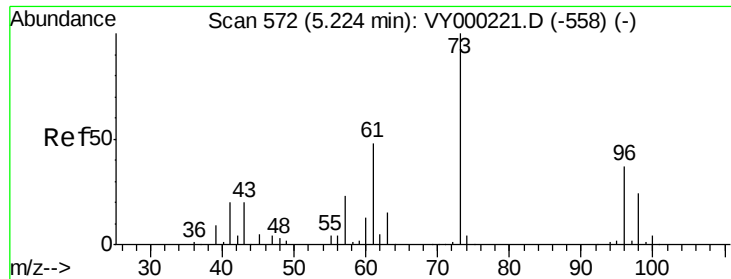
MMDadoda
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#20
Methylene Chloride
Concen: 2.596 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion: 84 Resp: 8568
Ion Ratio Lower Upper
84 100
49 122.1 96.2 144.2
51 32.8 26.6 39.8
86 64.1 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 2.422 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 96 Resp: 7388

Ion Ratio Lower Upper

96 100

61 133.1 104.2 156.2

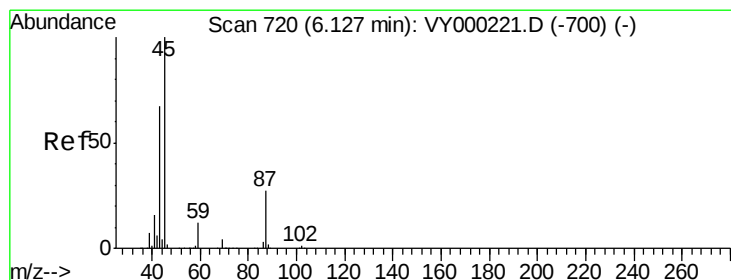
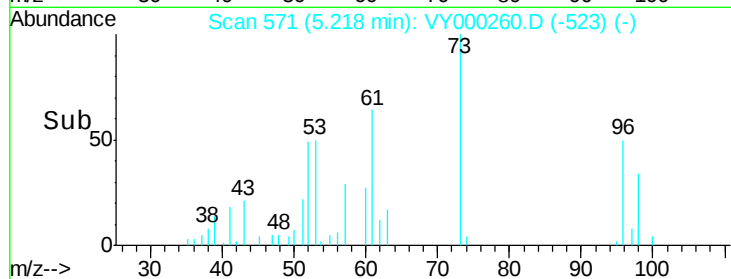
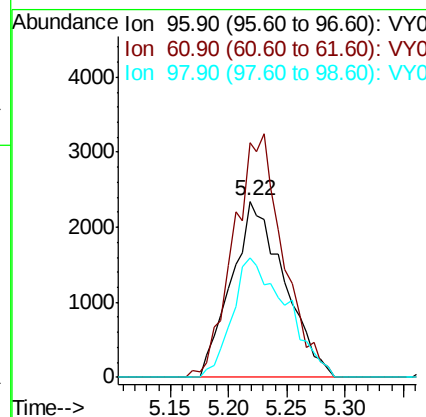
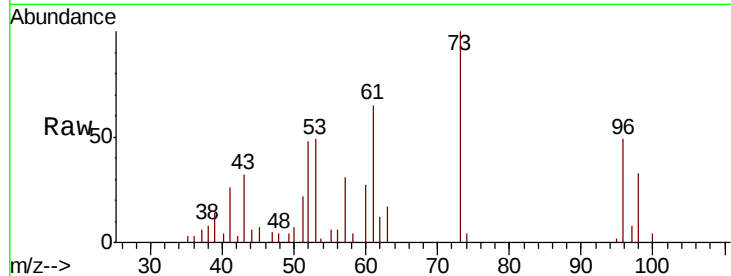
98 67.9 51.0 76.6

Manual Integrations

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MMDadoda

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#22

Diisopropyl ether

Concen: 2.320 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Tgt Ion: 45 Resp: 24557

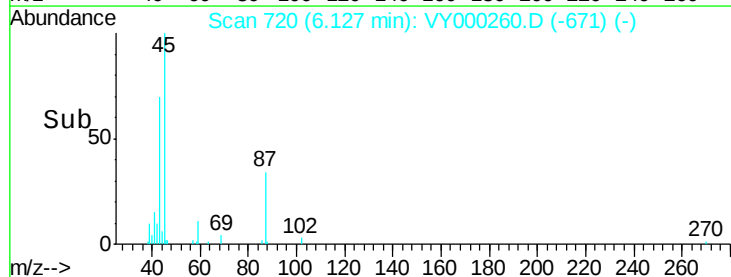
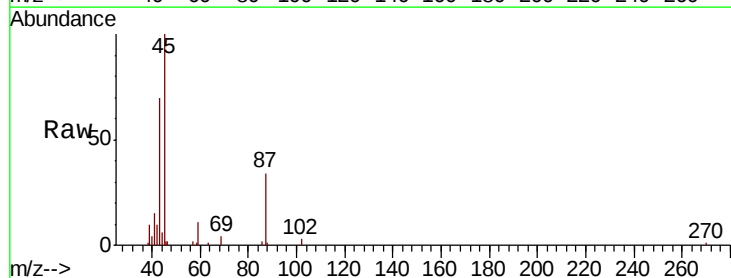
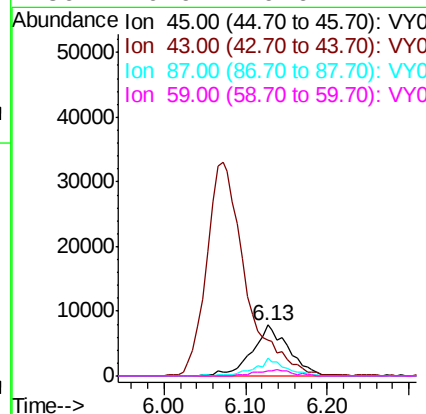
Ion Ratio Lower Upper

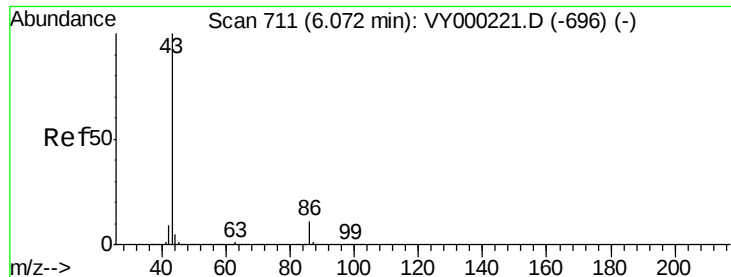
45 100

43 67.7 53.4 80.2

87 34.1 21.7 32.5#

59 10.9 9.6 14.4





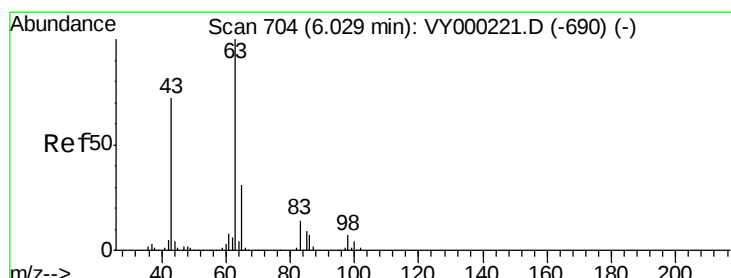
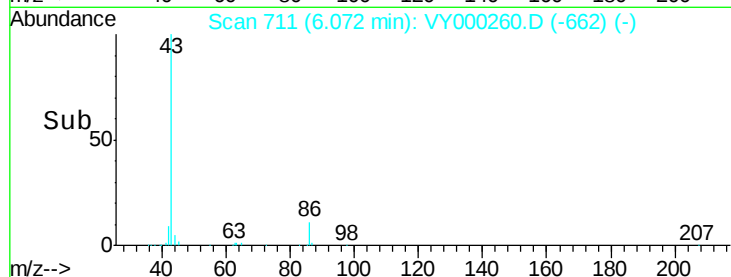
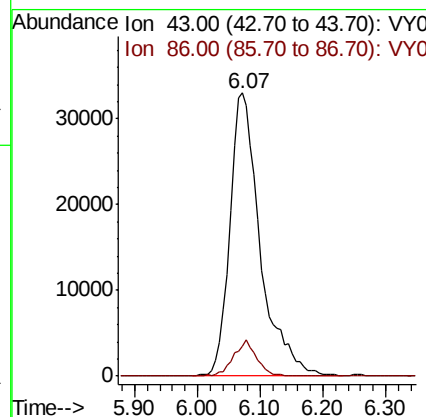
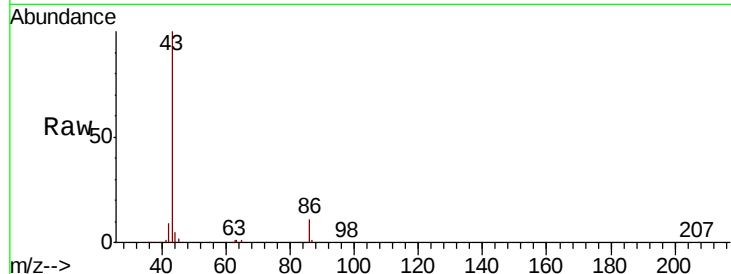
#23
 Vinyl Acetate
 Concen: 11.513 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	43	Resp	110376
Ion Ratio	Lower	Upper	
43	100		
86	10.5	8.5	12.7

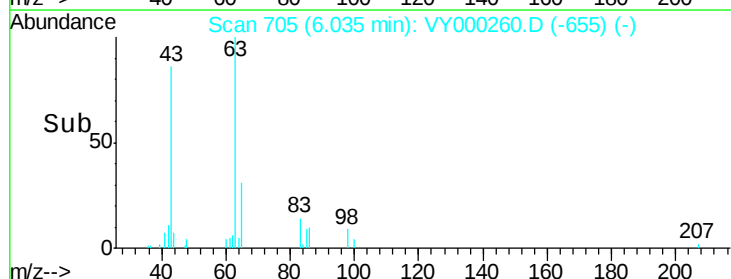
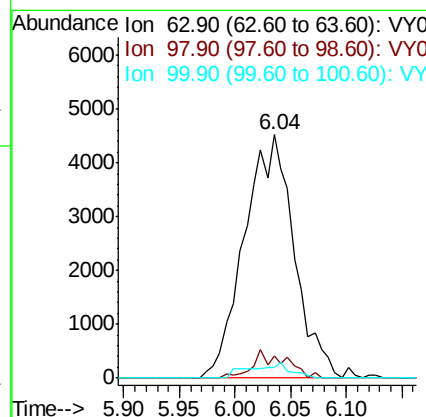
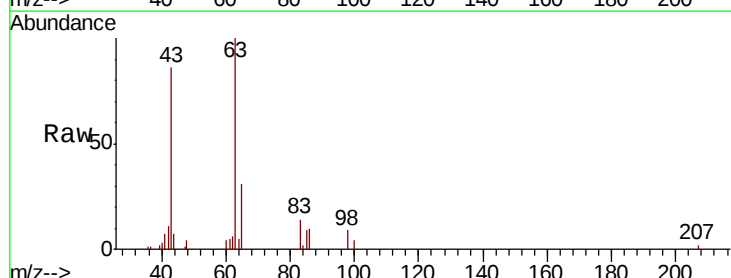
Manual Integrations
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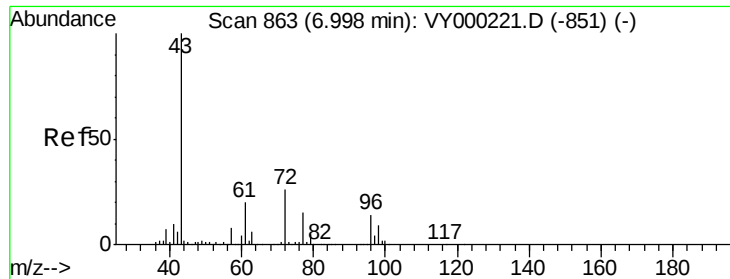
MMDadoda
 10/14/2019 1:34:00 PM



#24
 1,1-Dichloroethane
 Concen: 2.602 ug/l
 RT: 6.04 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Tgt Ion	63	Resp	14050
Ion Ratio	Lower	Upper	
63	100		
98	9.3	3.5	10.6
100	4.3	2.1	6.5





#25

2-Butanone

Concen: 12.635 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 43 Resp: 58721

Ion Ratio Lower Upper

43 100

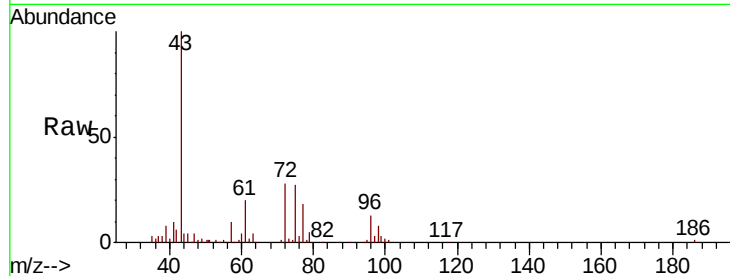
72 27.8 20.6 31.0

Manual Integrations

APPROVED

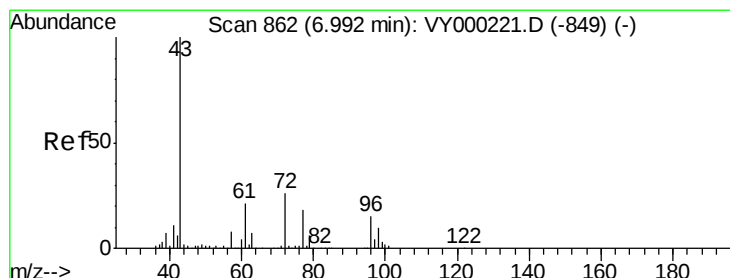
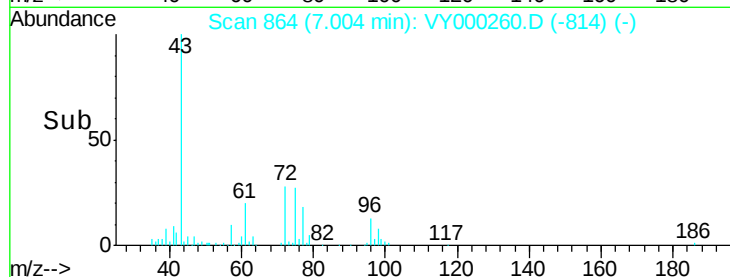
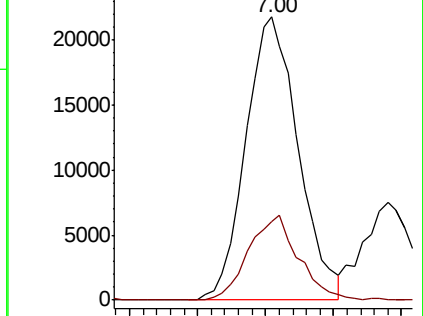
MMDadoda

10/14/2019 1:34:00 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 2.449 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000260.D

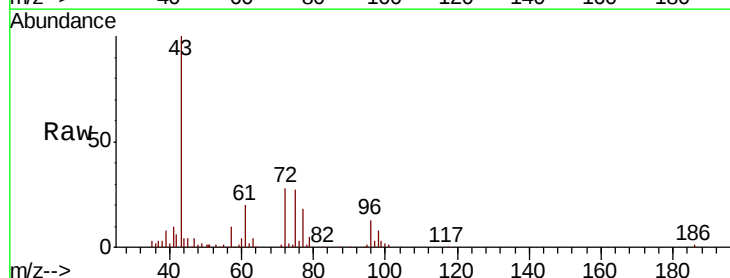
Acq: 10 Oct 2019 17:51

Tgt Ion: 77 Resp: 11935

Ion Ratio Lower Upper

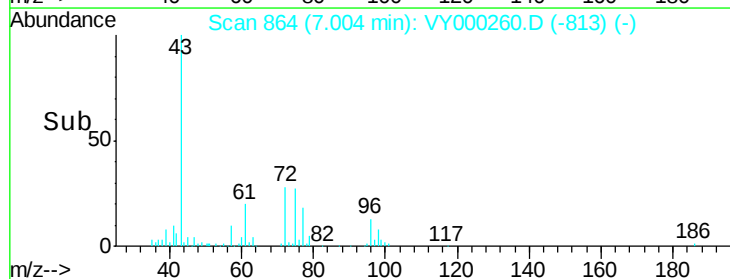
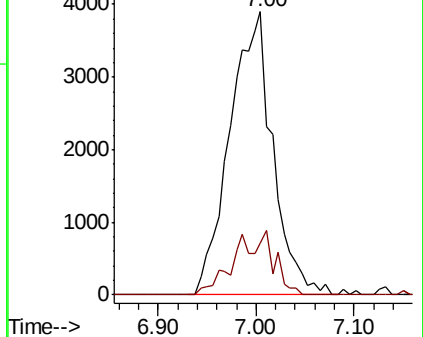
77 100

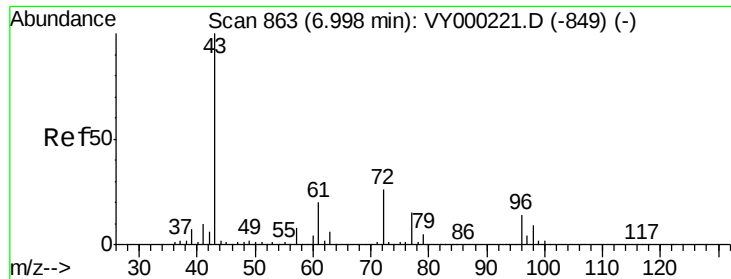
97 11.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

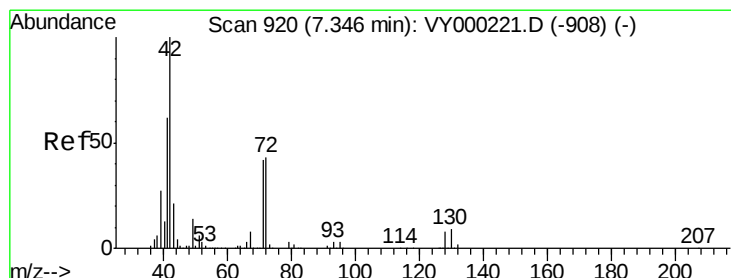
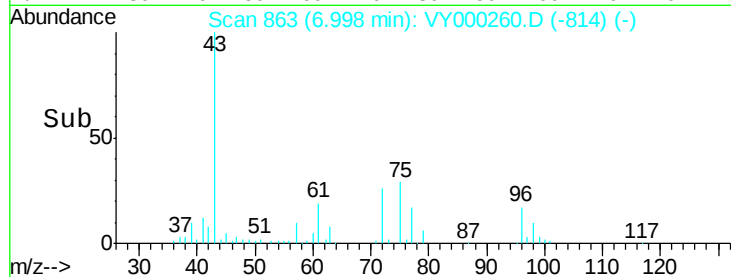
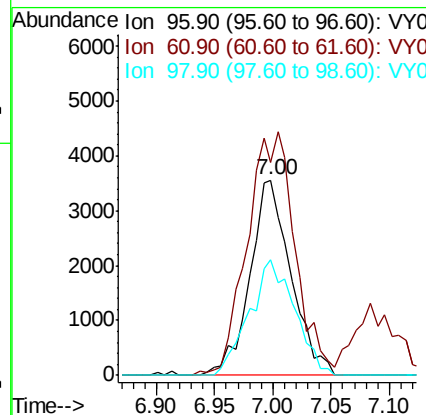
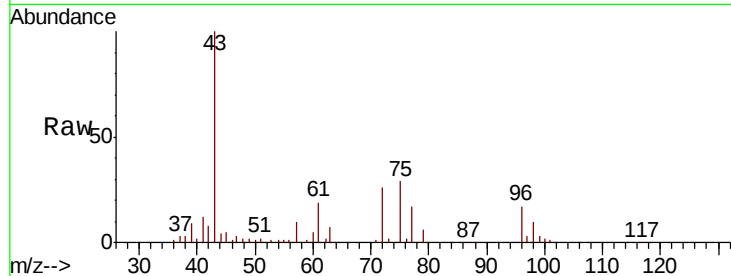
cis-1,2-Dichloroethene
Concen: 2.418 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	282.6
98	65.3	0.0	129.8

Manual Integrations
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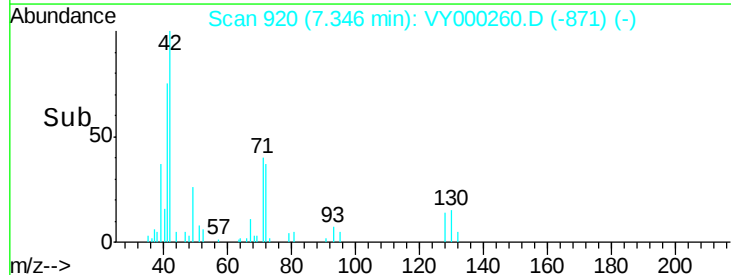
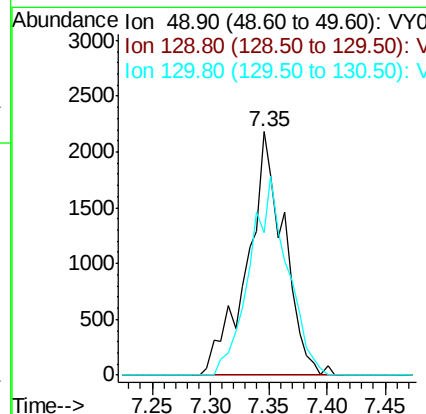
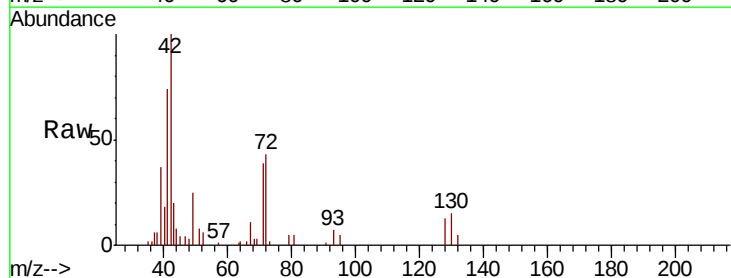
MMDadoda
10/14/2019 1:34:00 PM

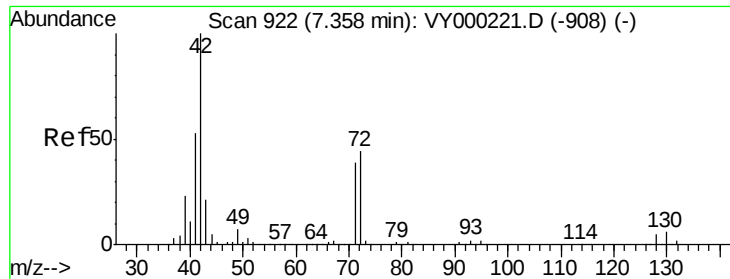


#28

Bromochloromethane
Concen: 2.705 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.2
130	83.6	56.5	84.7





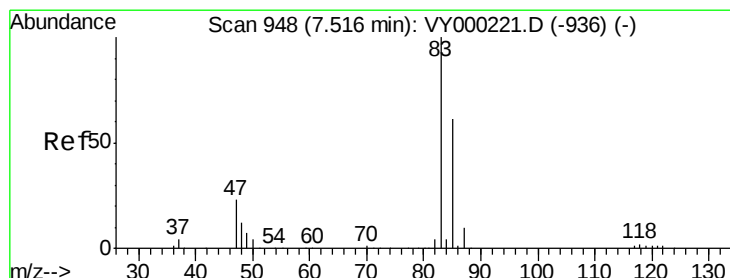
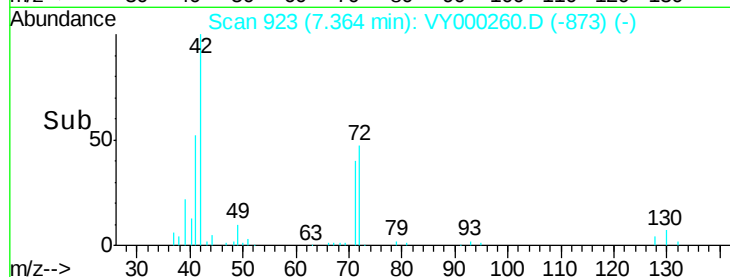
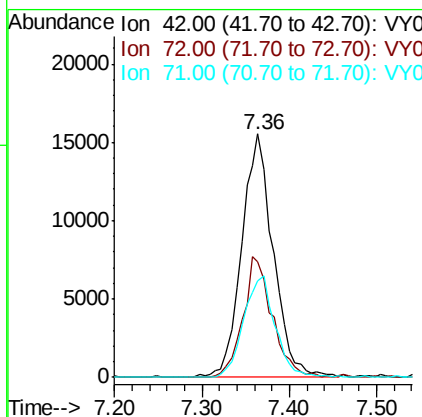
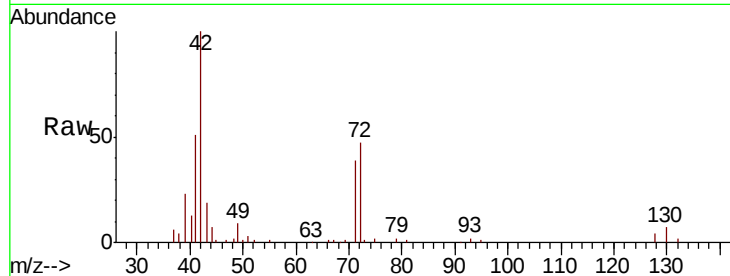
#29
Tetrahydrofuran
Concen: 11.821 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion:	42	Resp:	38800
Ion Ratio	Lower	Upper	
42	100		
72	46.0	34.6	51.8
71	41.7	31.9	47.9

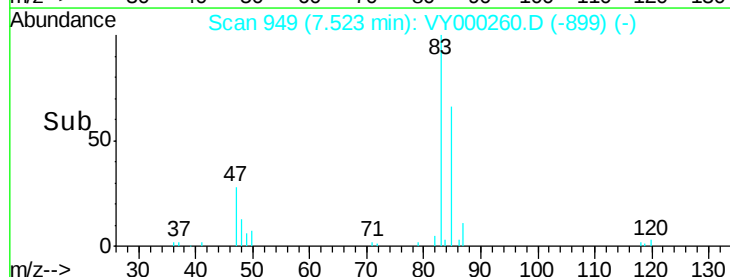
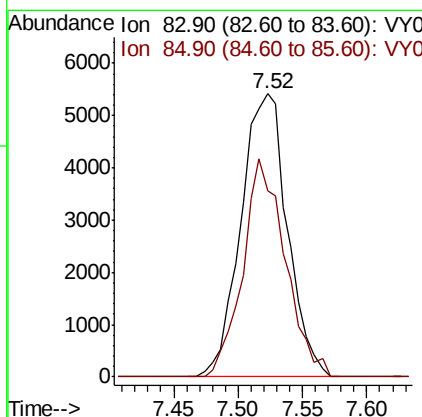
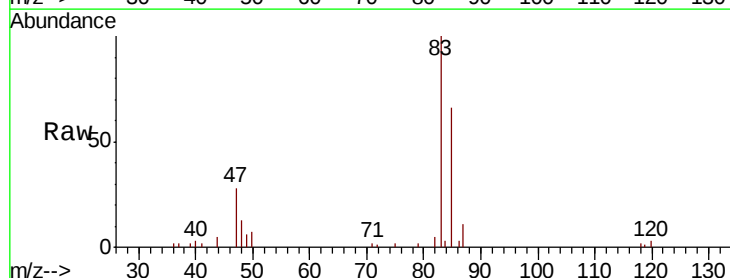
Manual Integrations
APPROVED

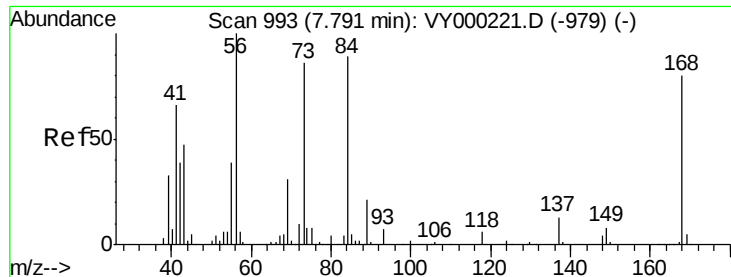
MMDadoda
10/14/2019 1:34:00 PM



#30
Chloroform
Concen: 2.415 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion:	83	Resp:	13533
Ion Ratio	Lower	Upper	
83	100		
85	66.0	48.9	73.3





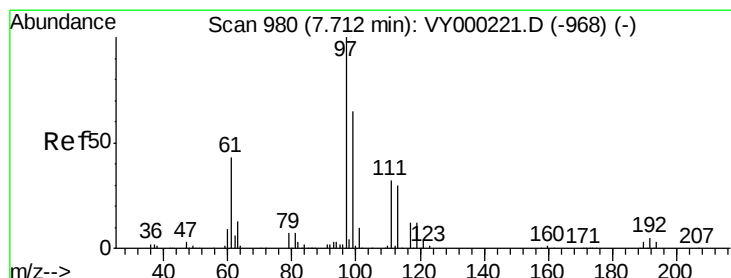
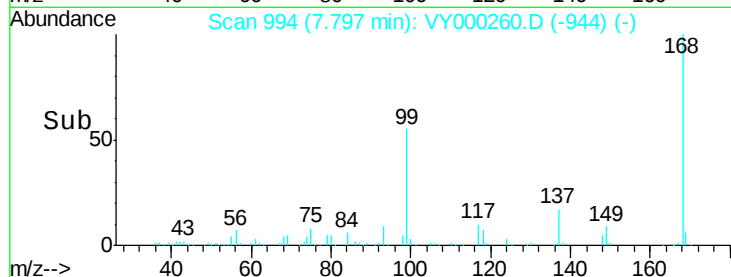
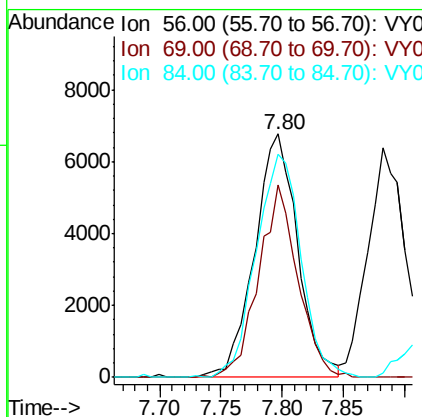
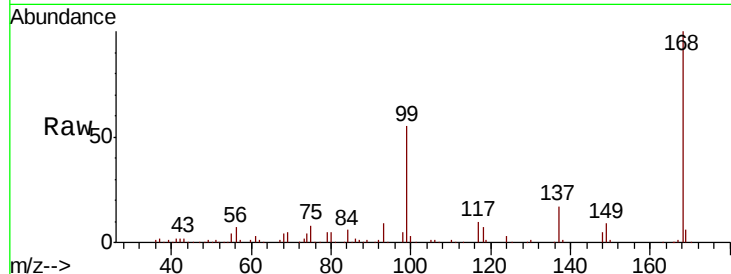
#31
Cyclohexane
Concen: 3.038 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
56	100		
69	78.9	24.7	37.1#
84	91.5	71.3	106.9

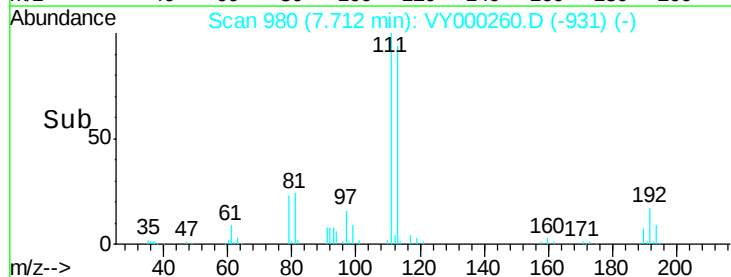
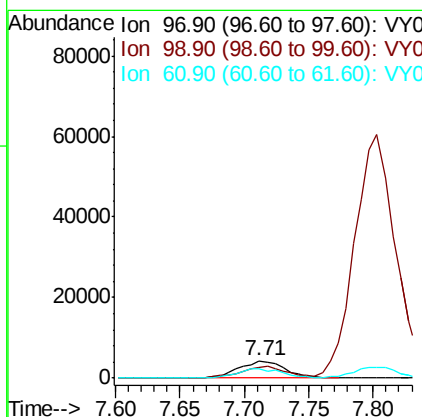
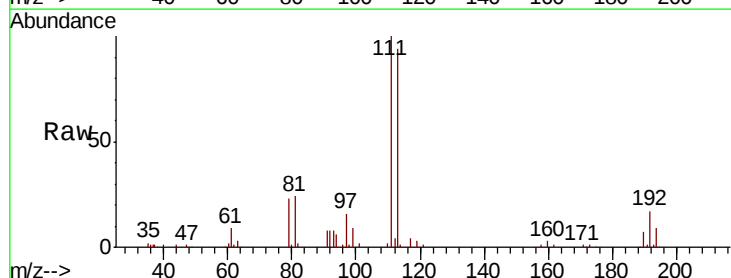
Manual Integrations
APPROVED

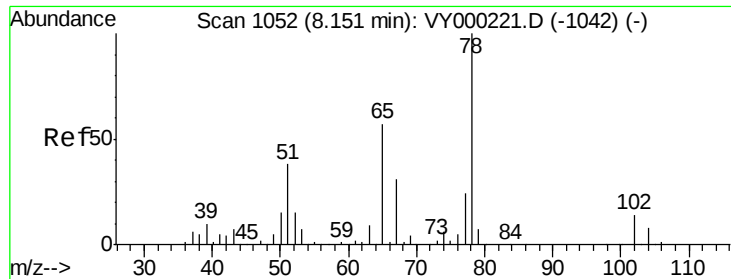
MMDadoda
10/14/2019 1:34:00 PM



#32
1,1,1-Trichloroethane
Concen: 2.242 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.4	51.4	77.2
61	54.2	34.2	51.4#





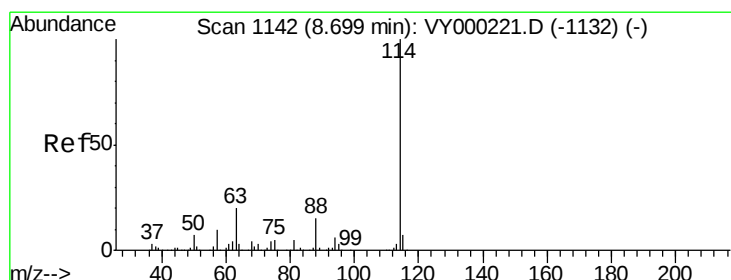
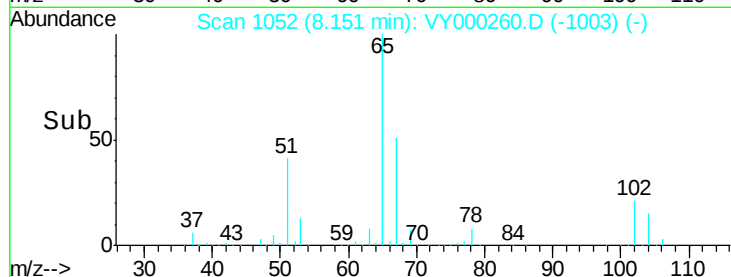
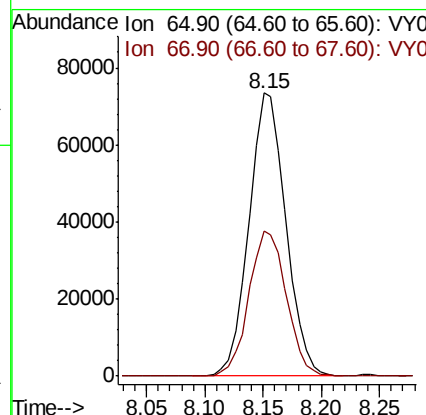
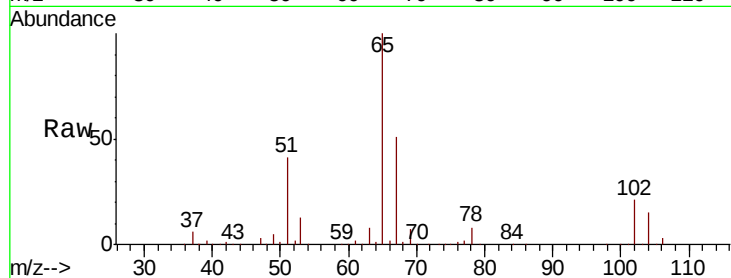
#33
 1,2-Dichloroethane-d4
 Concen: 50.978 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	161700		
67	52.1	0.0	109.0	

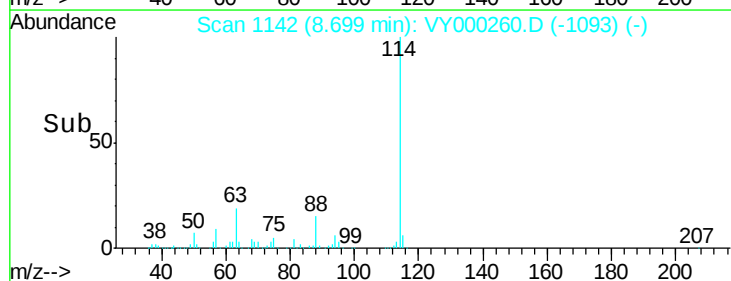
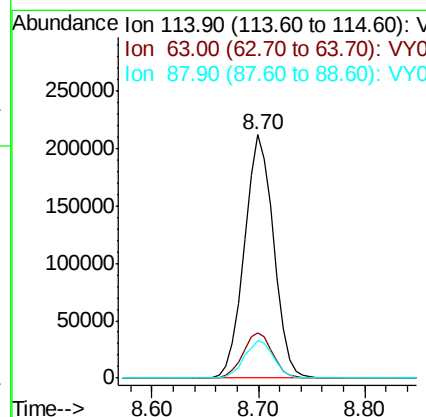
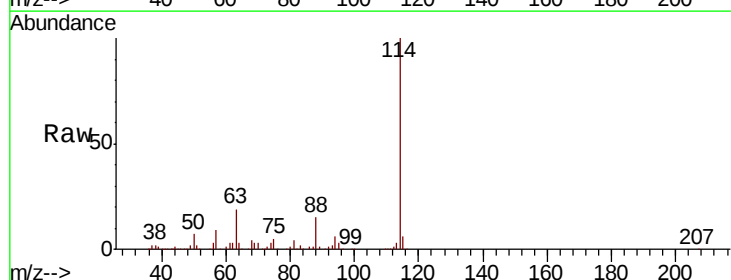
Manual Integrations
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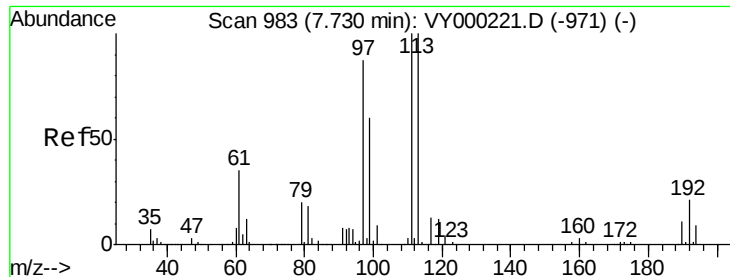
MMDadoda
 10/14/2019 1:34:00 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	409587		
63	18.8	0.0	39.0	
88	15.4	0.0	30.6	





#35

Dibromofluoromethane

Concen: 50.683 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

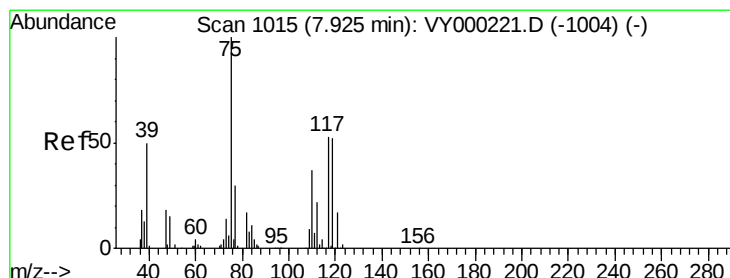
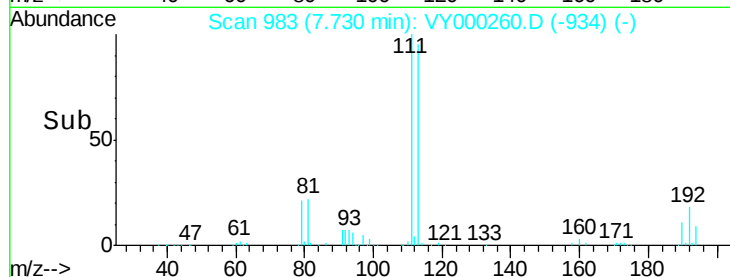
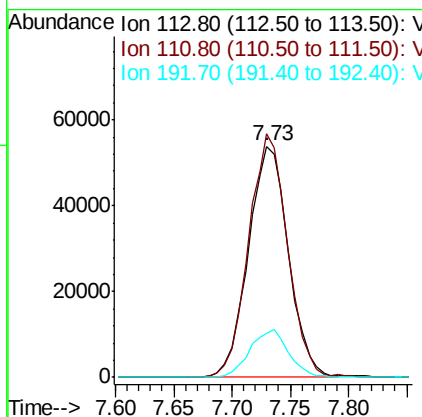
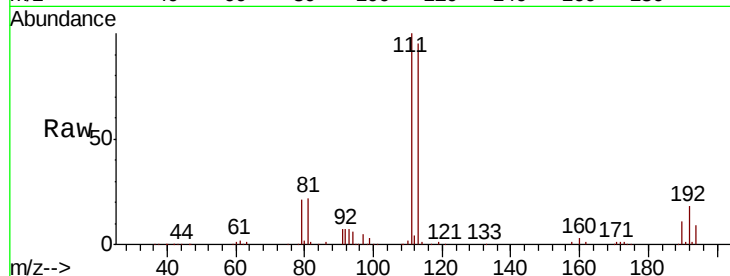
ClientSampleId :

2.5PPBMDL

Tot Ion:	113	Resp:	129344
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.6	124.0
192	19.9	15.8	23.8

Manual Integrations
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10/14/2019 1:34:00 PM



#36

1,1-Dichloropropene

Concen: 2.545 ug/l

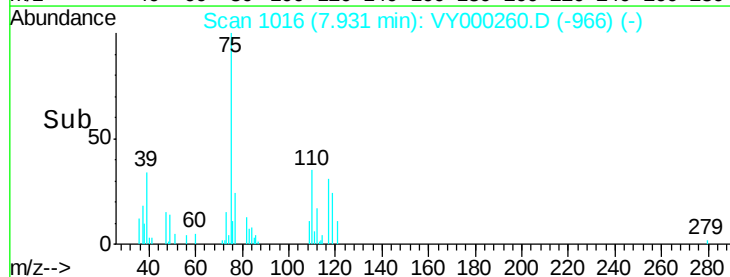
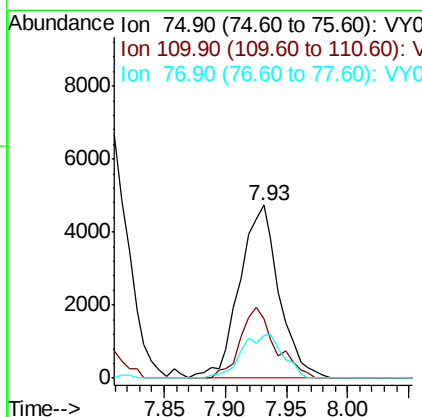
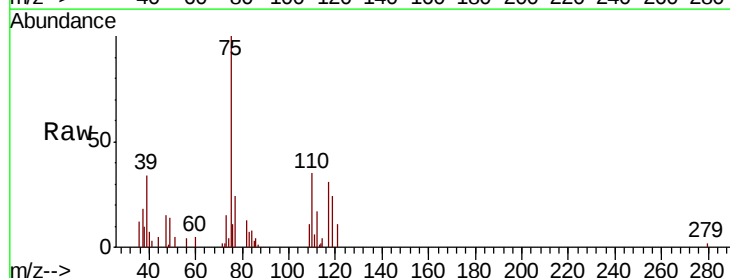
RT: 7.93 min Scan# 1016

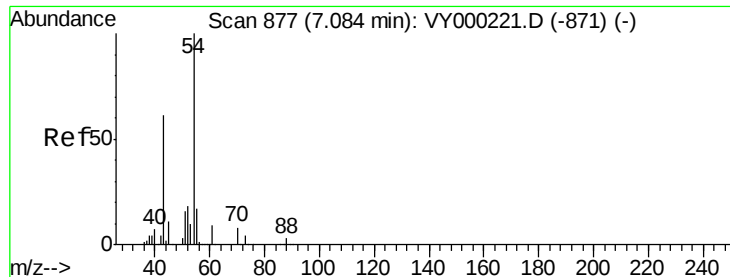
Delta R.T. 0.01 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Tgt Ion:	75	Resp:	10608
Ion Ratio	Lower	Upper	
75	100		
110	36.0	18.4	55.2
77	26.7	24.7	37.1





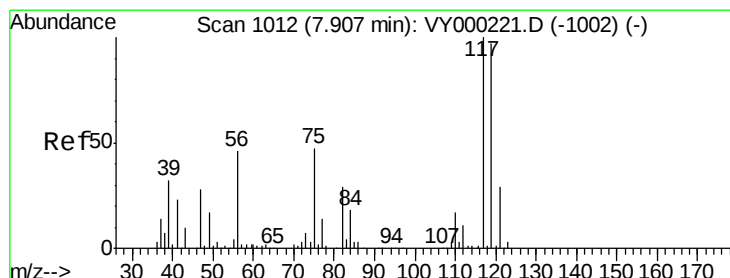
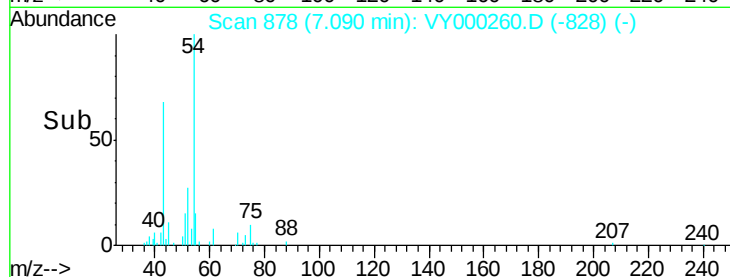
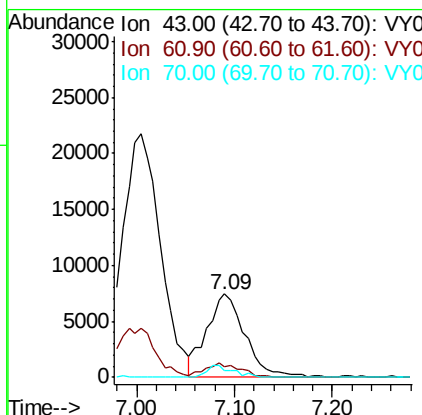
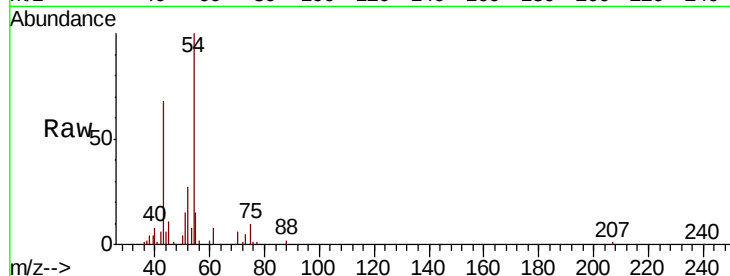
#37
Ethyl Acetate
Concen: 2.694 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.1	16.7
70	9.9	8.5	12.7

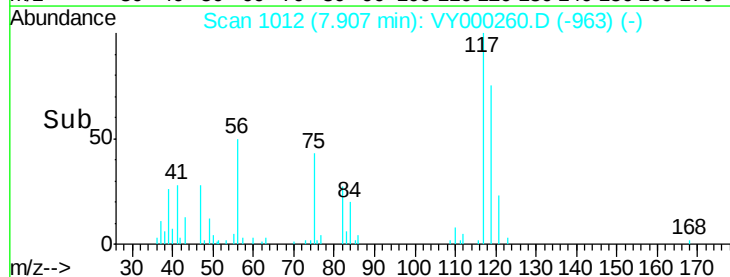
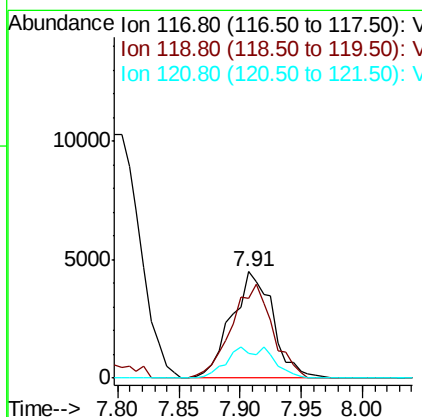
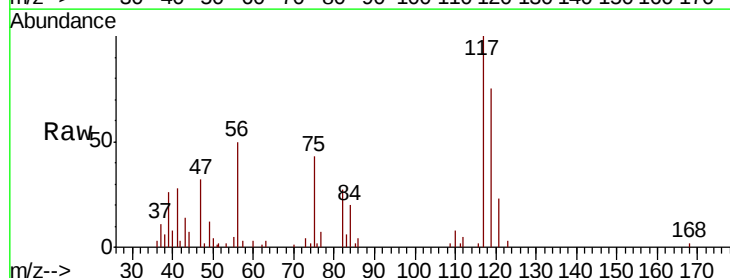
Manual Integrations
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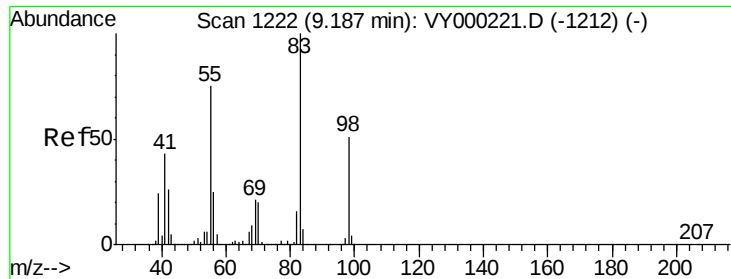
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10/14/2019 1:34:00 PM



#38
Carbon Tetrachloride
Concen: 2.622 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	75.1	77.2	115.8#
121	22.8	23.1	34.7#





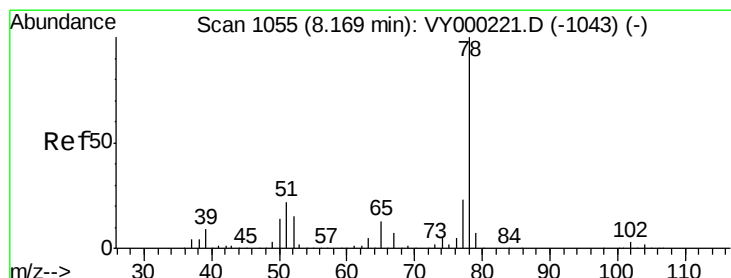
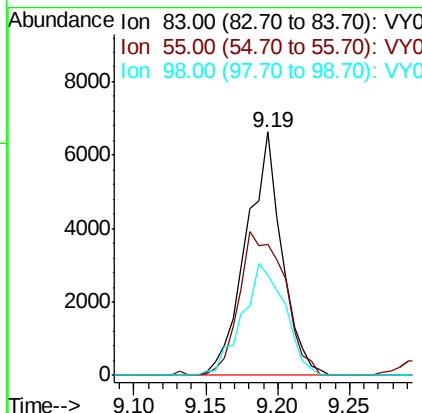
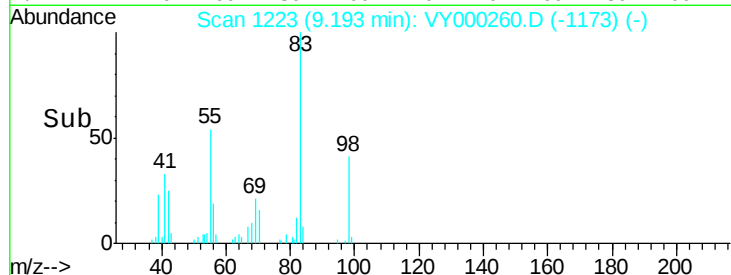
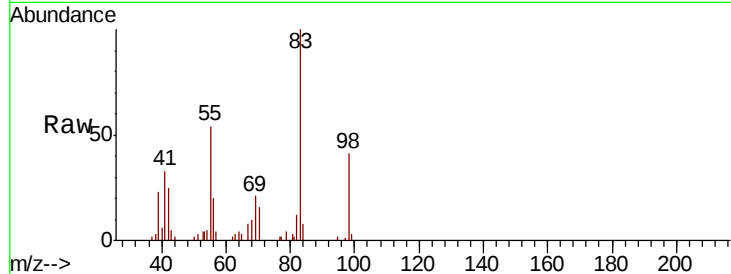
#39
Methvlcvclohexane
Concen: 2.172 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
83	100		
55	53.9	60.2	90.4#
98	41.2	40.5	60.7

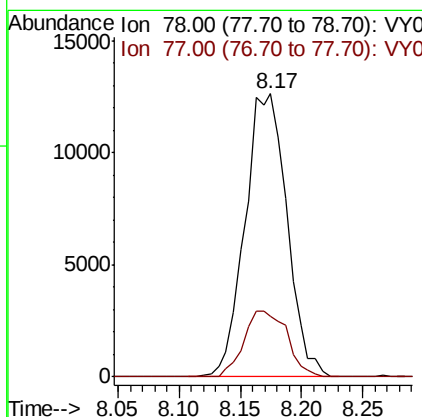
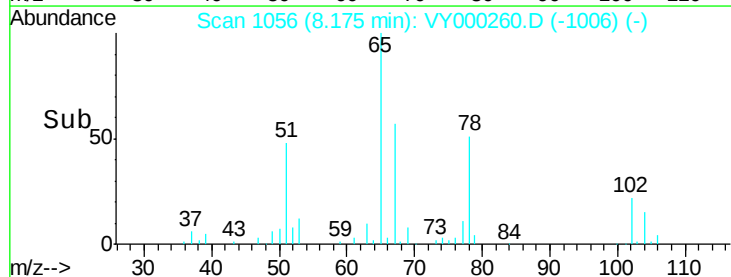
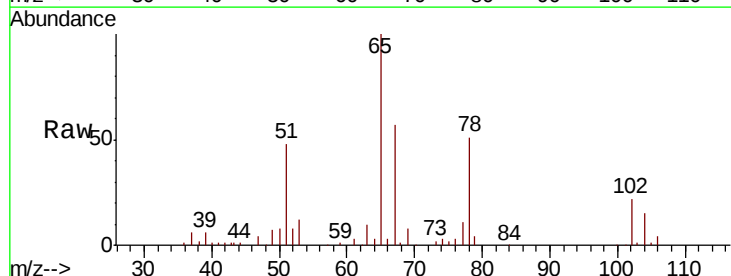
Manual Integrations
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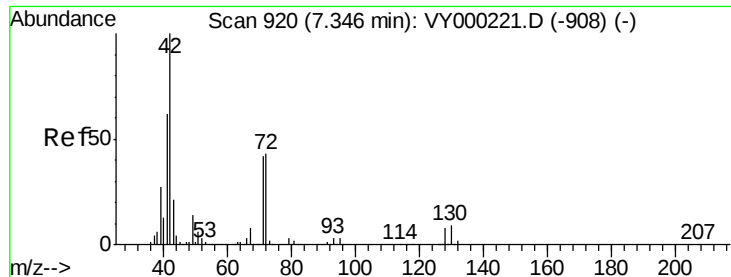
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#40
Benzene
Concen: 2.385 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.4	18.6	28.0





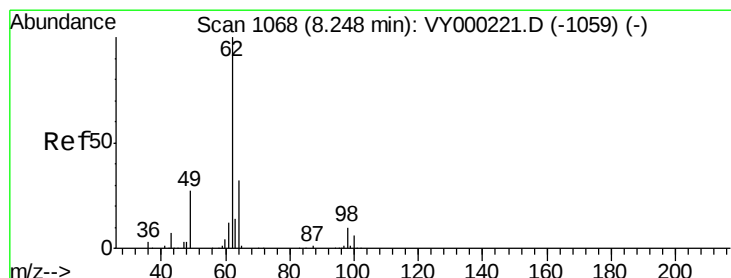
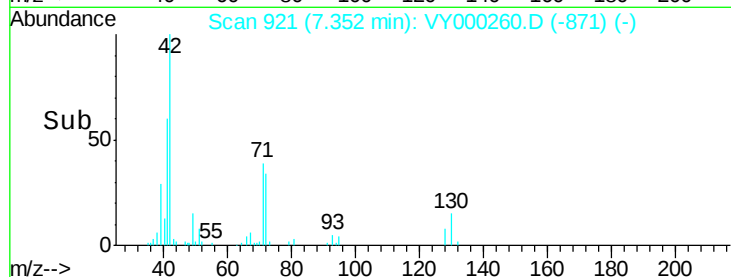
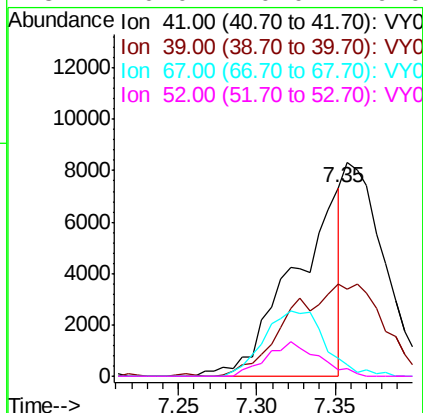
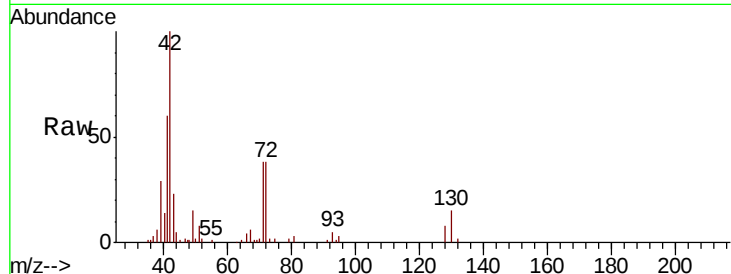
#41
Methacrylonitrile
Concen: 2.656 ug/l m
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	41	Resp	15748
Ion Ratio	100		
Lower		74.7	112.1#
Upper		0.0	0.0
41	100		
39	57.8	74.7	112.1#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

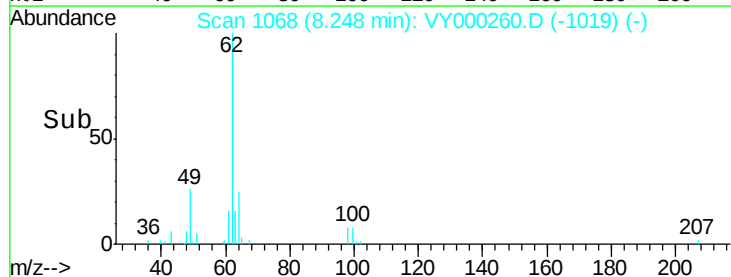
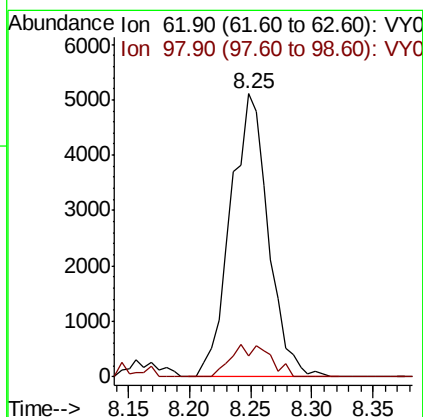
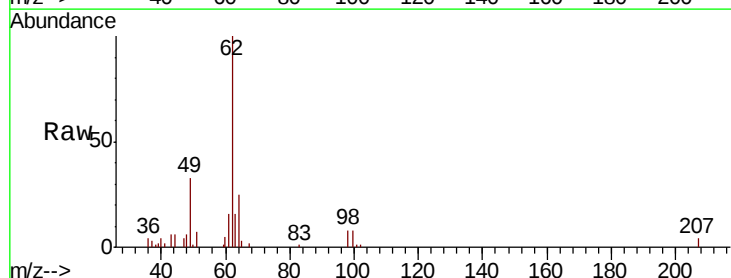
Manual Integrations
APPROVED

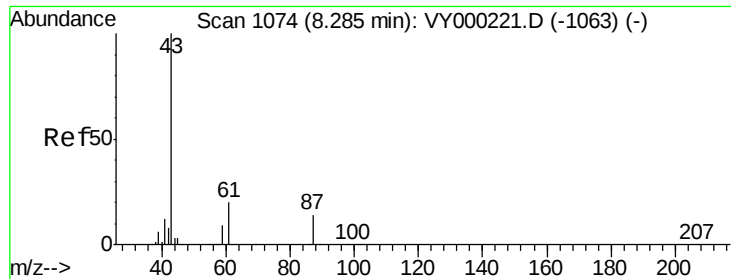
MMDadoda
10/14/2019 1:34:00 PM



#42
1,2-Dichloroethane
Concen: 2.654 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion	62	Resp	10897
Ion Ratio	100		
Lower		0.0	20.0
Upper		0.0	20.0
62	100		
98	5.8	0.0	20.0





#43

Isopropyl Acetate

Concen: 2.572 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

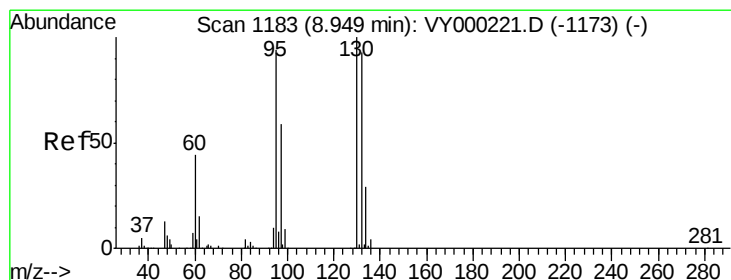
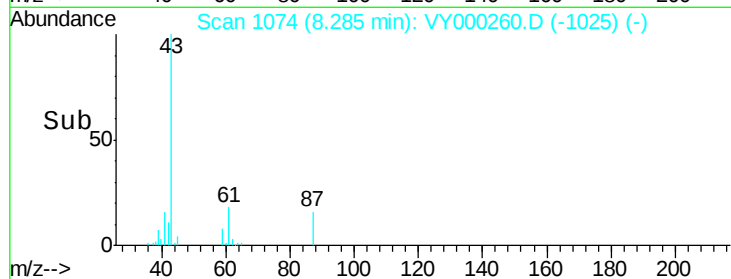
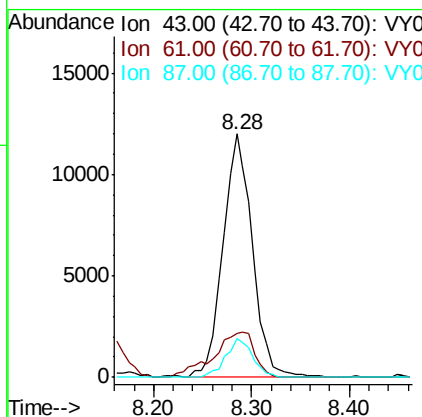
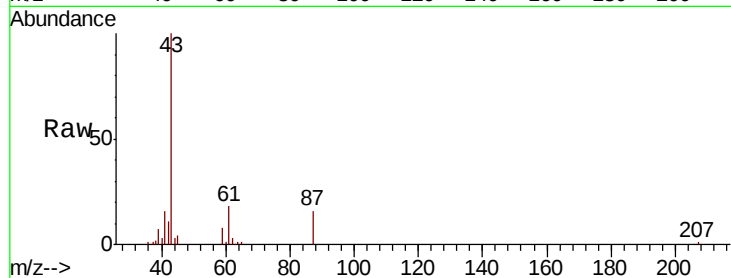
ClientSampleId :

2.5PPBMDL

Tot Ion:	43	Resp:	24943
Ion	Ratio	Lower	Upper
43	100		
61	25.8	20.1	30.1
87	14.5	10.6	15.8

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#44

Trichloroethene

Concen: 2.488 ug/l

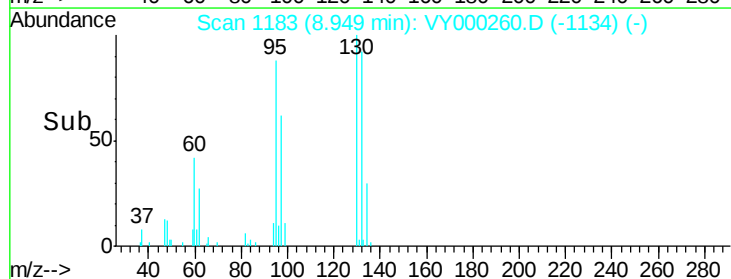
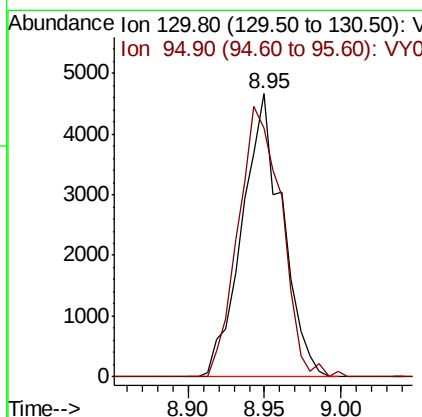
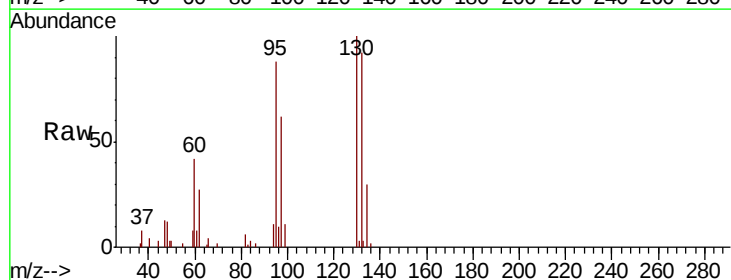
RT: 8.95 min Scan# 1183

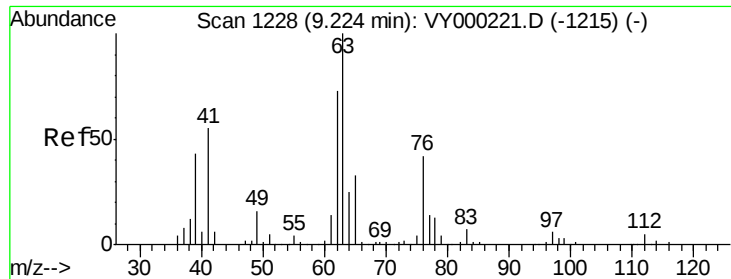
Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Tgt Ion:	130	Resp:	8529
Ion	Ratio	Lower	Upper
130	100		
95	87.7	0.0	189.0





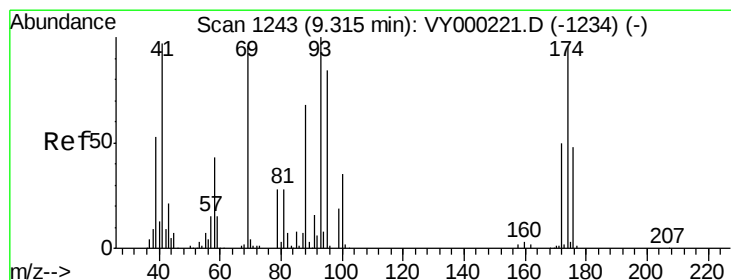
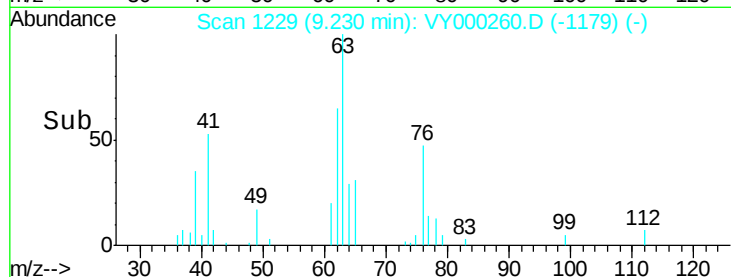
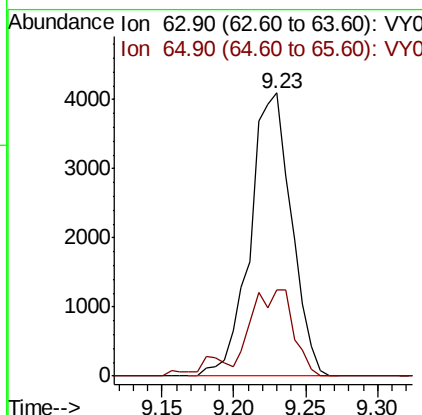
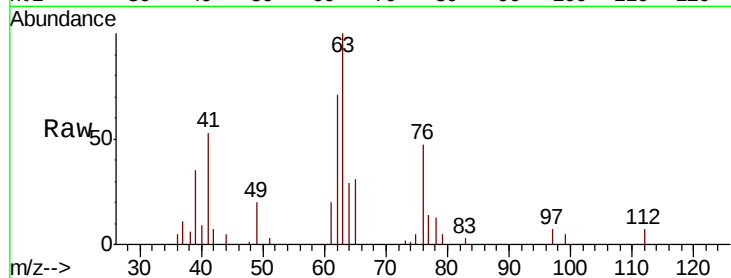
#45
 1,2-Dichloropropane
 Concen: 2.565 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion: 63 Resp: 8123
 Ion Ratio Lower Upper
 63 100
 65 30.7 26.6 39.8

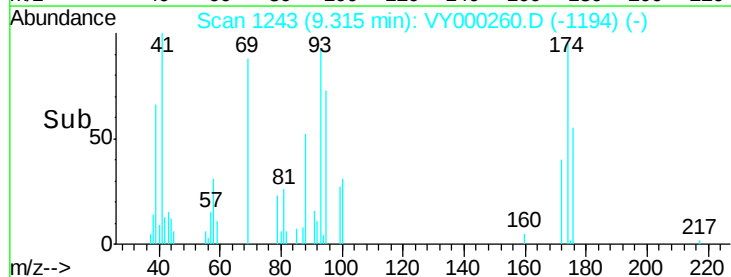
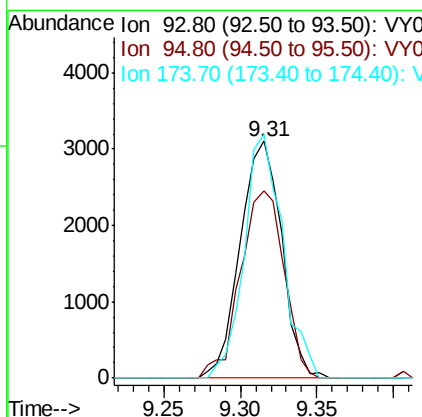
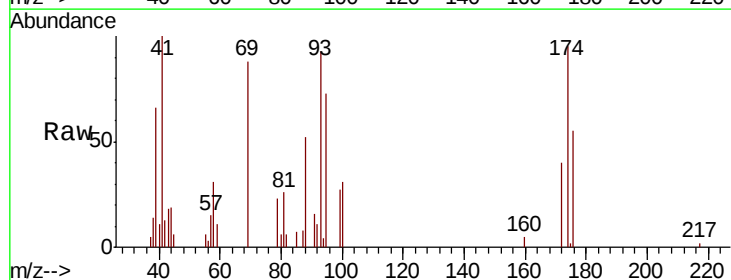
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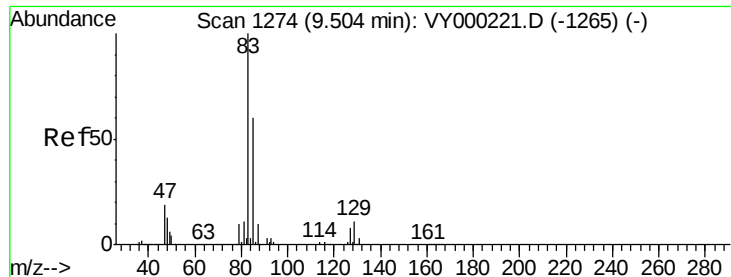
MMDadoda
 10/14/2019 1:34:00 PM



#46
 Dibromomethane
 Concen: 2.637 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Tgt Ion: 93 Resp: 5853
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.0 100.6
 174 95.7 77.5 116.3





#47

Bromodichloromethane

Concen: 2.480 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

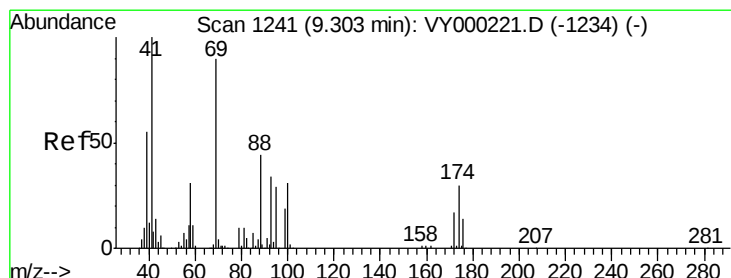
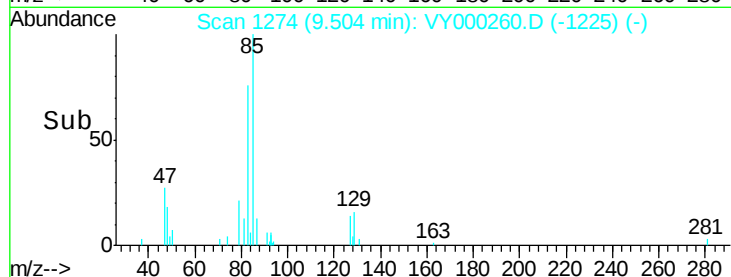
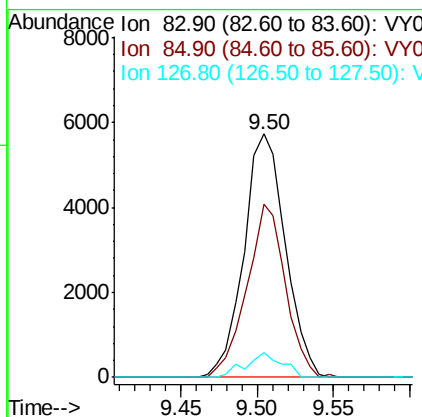
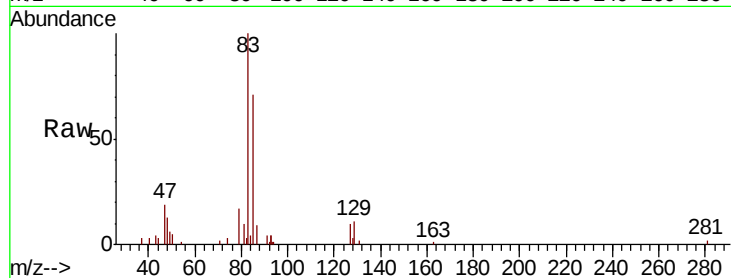
ClientSampleId :

2.5PPBMDL

Tot Ion:	83	Resp:	10769
Ion Ratio	Lower	Upper	
83	100		
85	70.9	48.0	72.0
127	10.0	6.5	9.7#

Manual Integrations
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#48

Methyl methacrylate

Concen: 2.346 ug/l

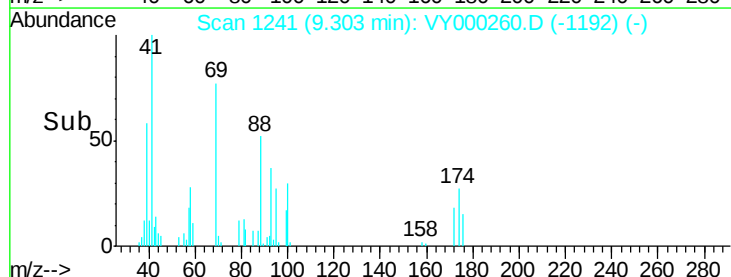
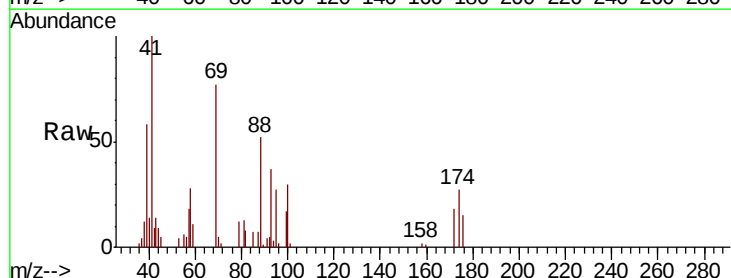
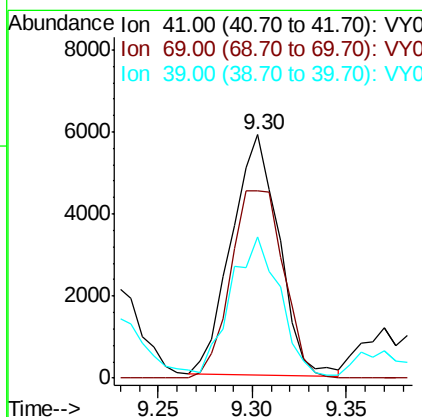
RT: 9.30 min Scan# 1241

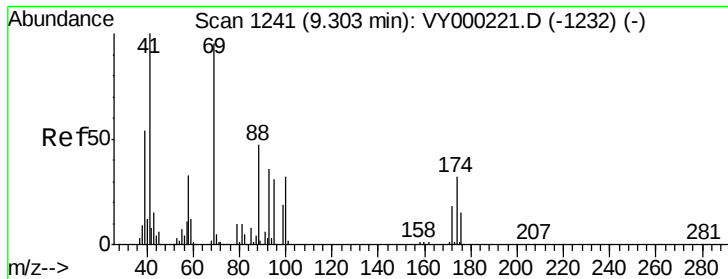
Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Tgt Ion:	41	Resp:	10269
Ion Ratio	Lower	Upper	
41	100		
69	86.8	70.3	105.5
39	59.0	45.5	68.3





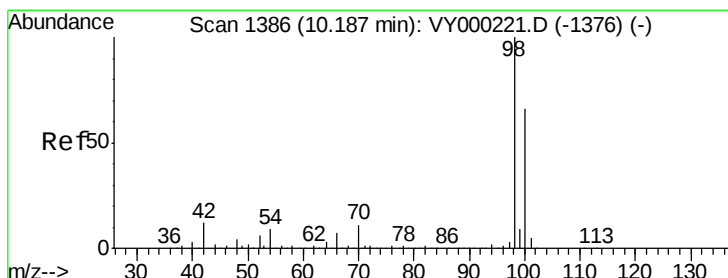
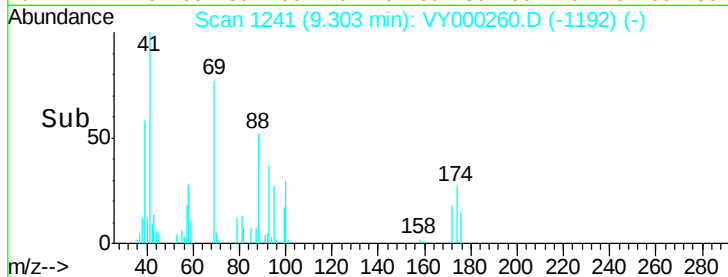
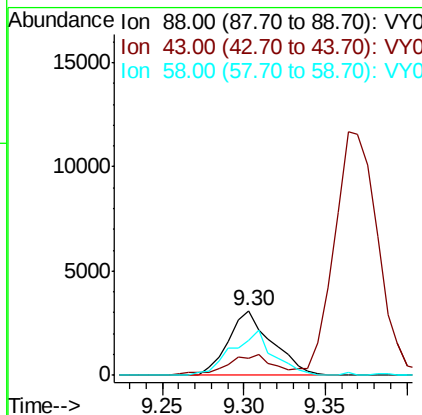
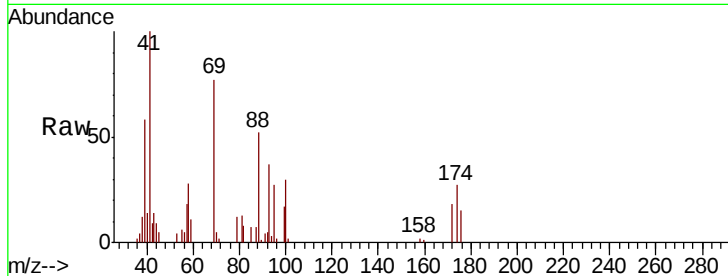
#49
1,4-Dioxane
Concen: 51.031 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	88	Resp	5734
Ion Ratio	Lower	Upper	
88	100		
43	34.4	24.5	36.7
58	66.0	54.2	81.2

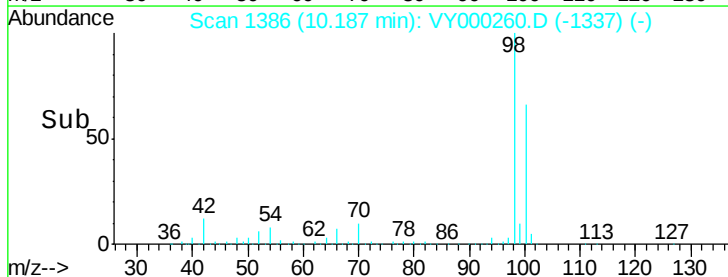
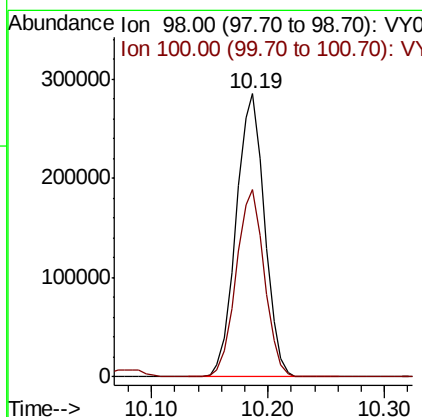
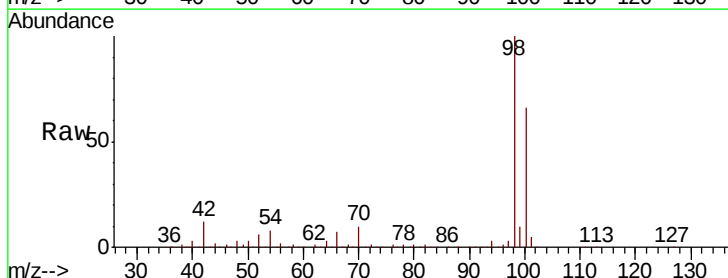
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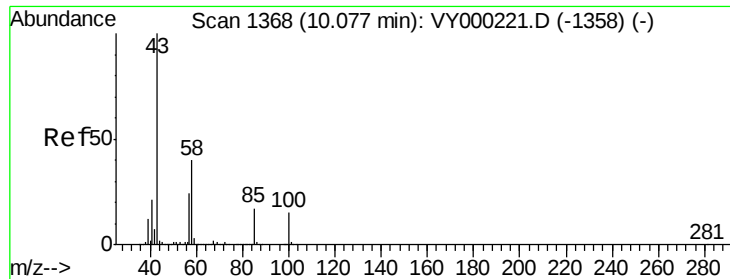
MMDadoda
10/14/2019 1:34:00 PM



#50
Toluene-d8
Concen: 48.449 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion	98	Resp	485695
Ion Ratio	Lower	Upper	
98	100		
100	65.8	53.0	79.6





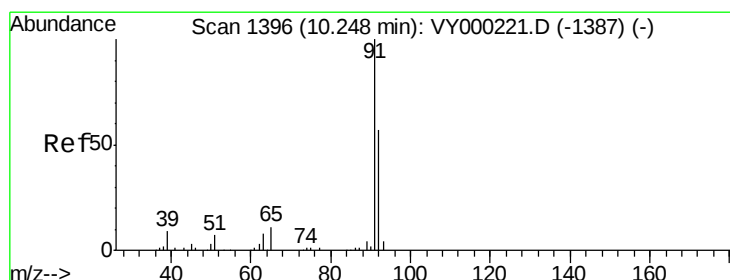
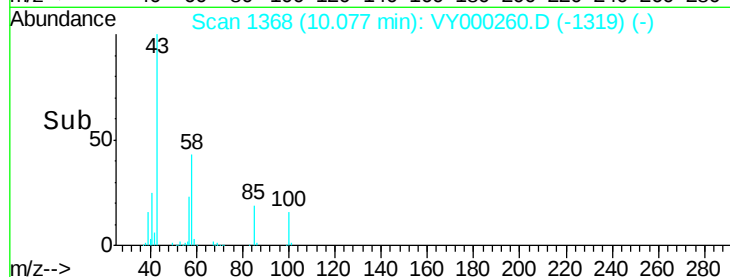
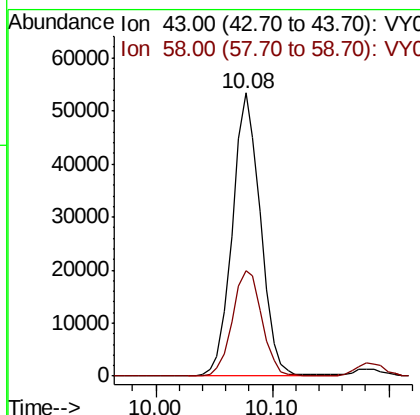
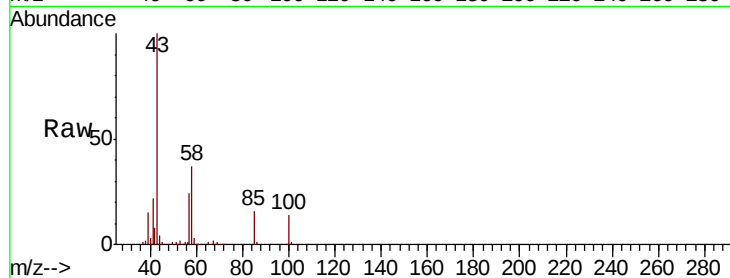
#51
 4-Methyl-2-Pentanone
 Concen: 12.308 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	43	Resp	89698
Ion Ratio	100	Lower	Upper
43	100		
58	39.2	31.7	47.5

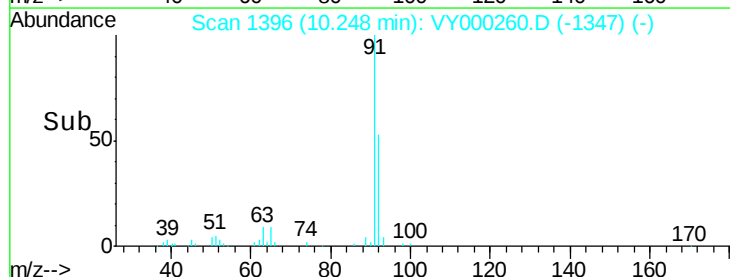
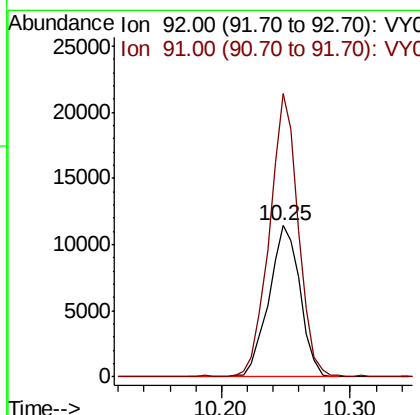
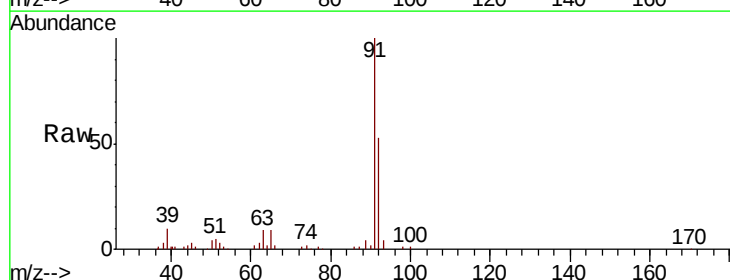
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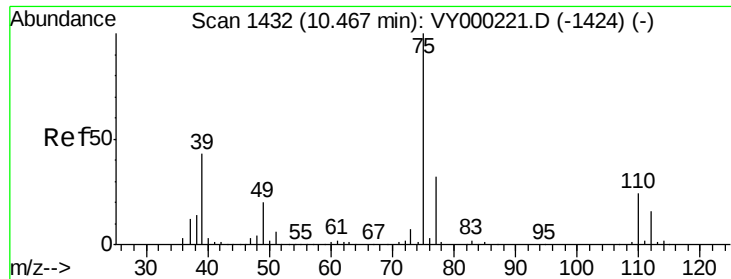
MMDadoda
 10/14/2019 1:34:00 PM



#52
 Toluene
 Concen: 2.374 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Tgt Ion	92	Resp	19246
Ion Ratio	100	Lower	Upper
92	100		
91	173.2	139.1	208.7





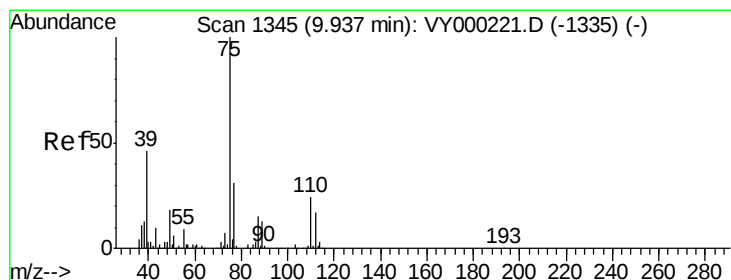
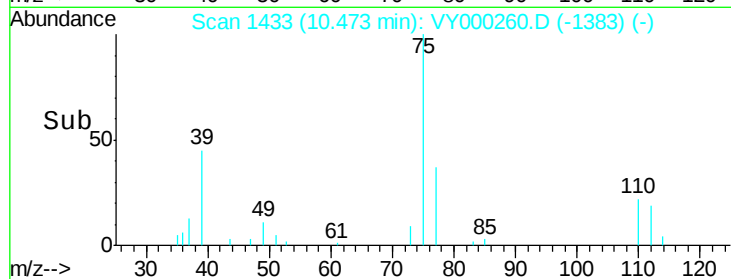
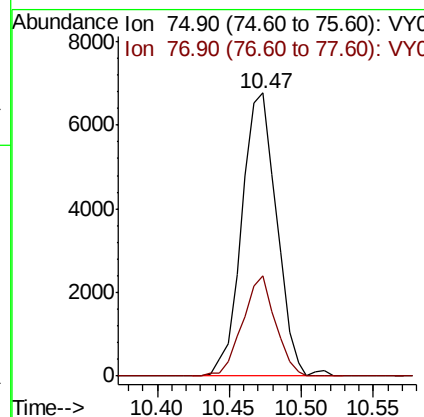
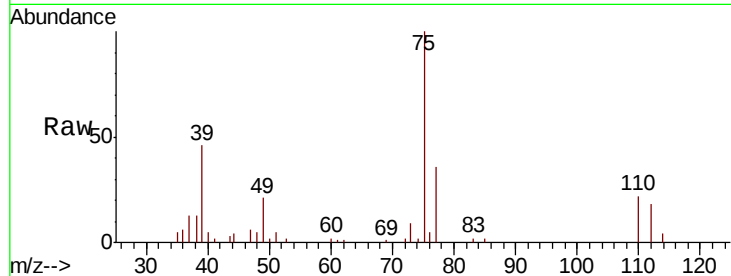
#53
t-1,3-Dichloropropene
Concen: 2.312 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
75	100		
77	35.7	25.3	37.9

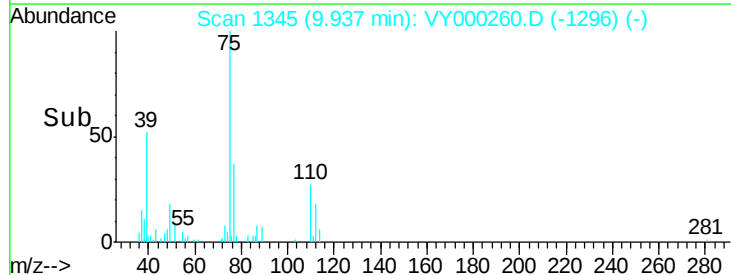
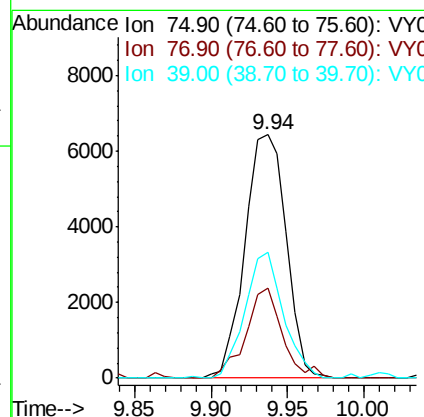
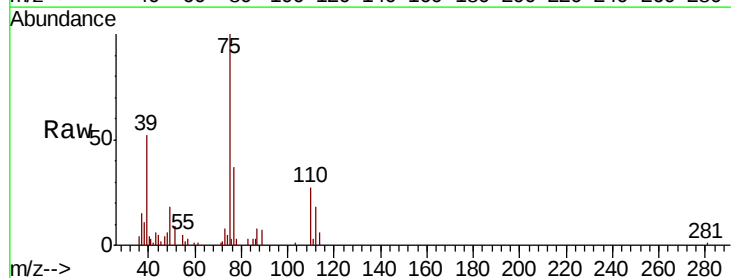
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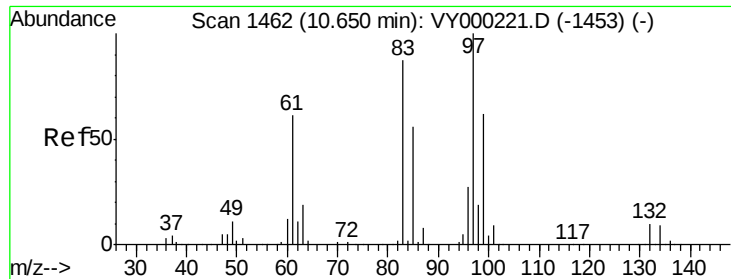
MMDadoda
10/14/2019 1:34:00 PM



#54
cis-1,3-Dichloropropene
Concen: 2.263 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.0	37.4
39	51.5	36.3	54.5





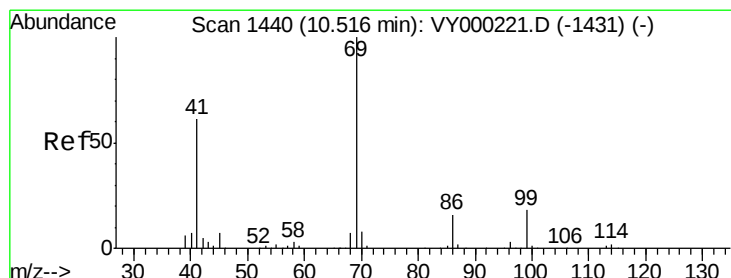
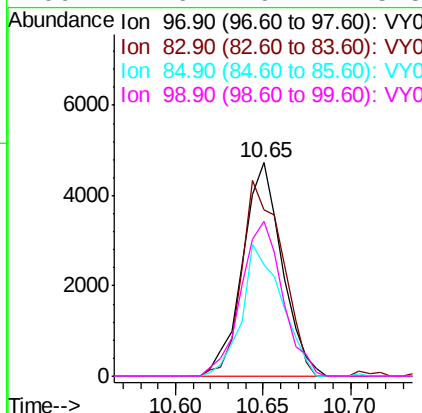
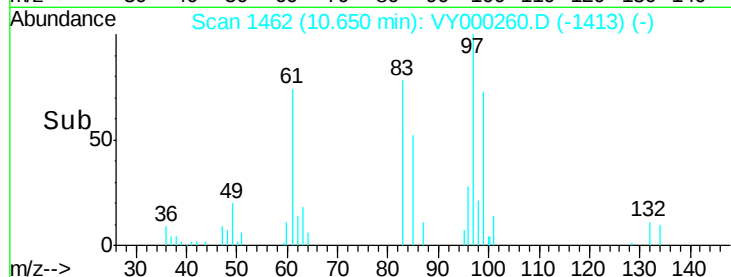
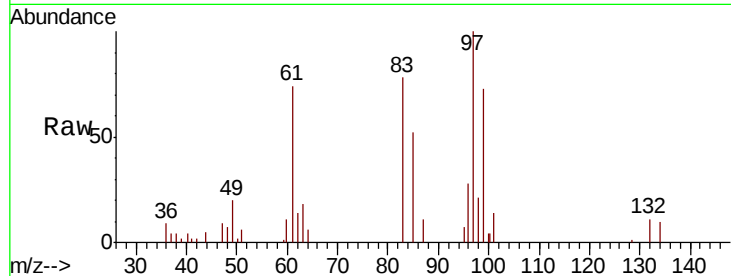
#55
 1,1,2-Trichloroethane
 Concen: 2.325 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion:	97	Resp:	7433
Ion	Ratio	Lower	Upper
97	100		
83	77.9	69.4	104.0
85	51.9	44.6	66.8
99	72.6	49.2	73.8

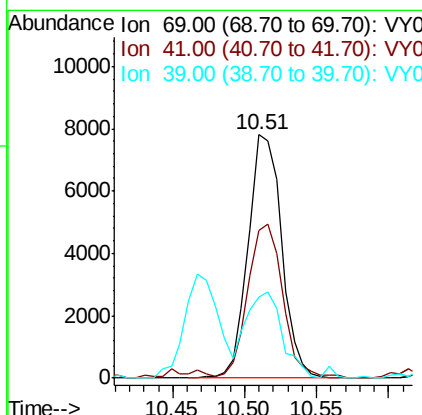
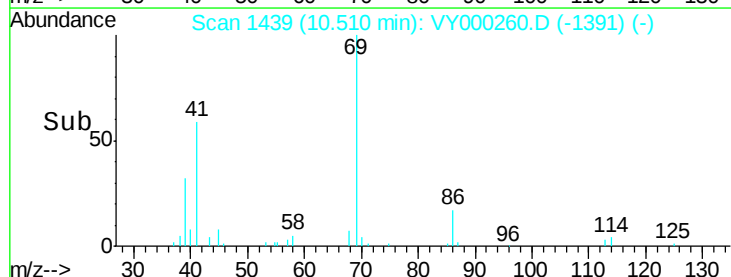
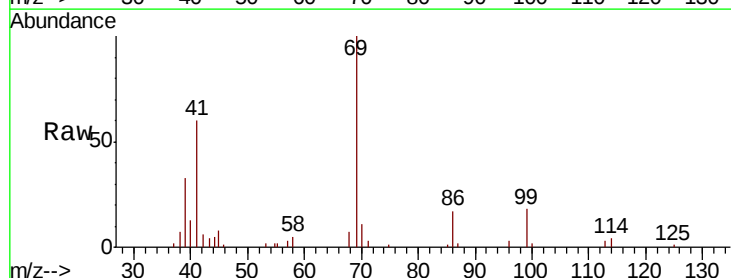
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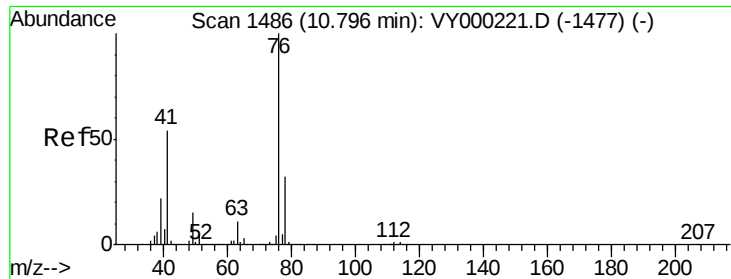
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 10/14/2019 1:34:00 PM



#56
 Ethyl methacrylate
 Concen: 2.229 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Tgt Ion:	69	Resp:	12545
Ion	Ratio	Lower	Upper
69	100		
41	66.3	51.2	76.8
39	38.7	27.0	40.4





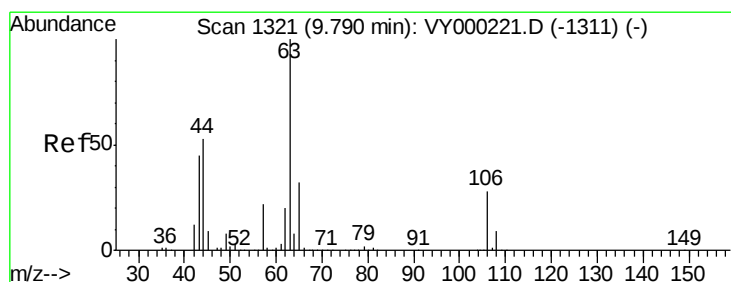
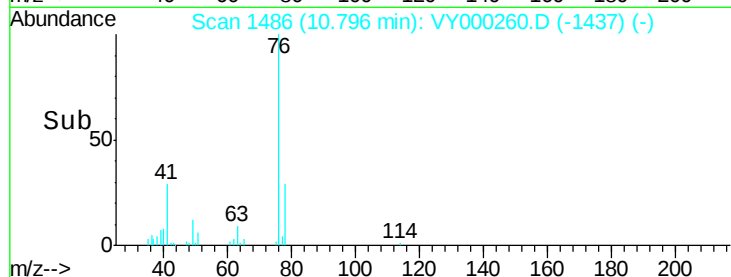
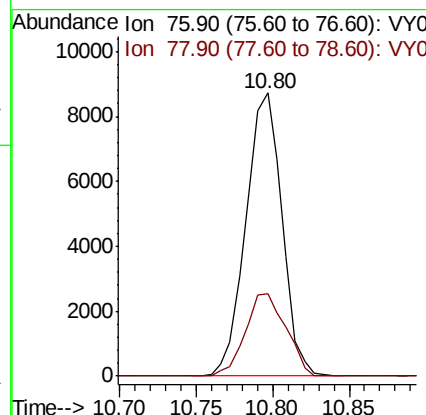
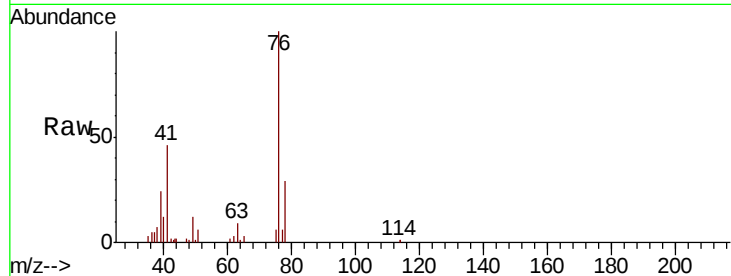
#57
 1,3-Dichloropropane
 Concen: 2.623 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.0	39.0

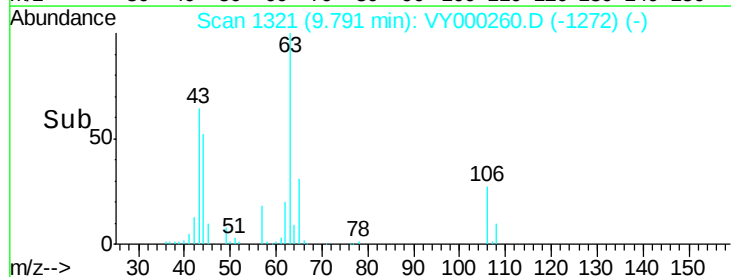
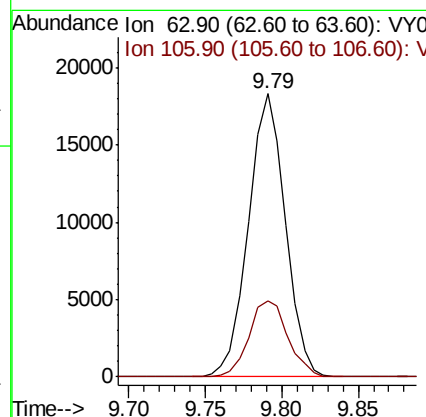
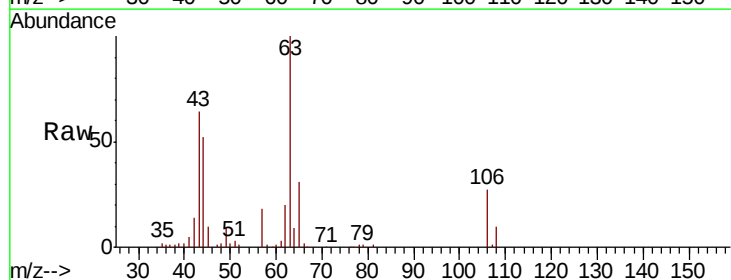
Manual Integrations
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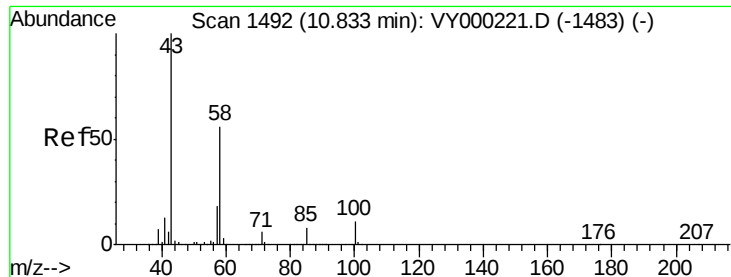
MMDadoda
 10/14/2019 1:34:00 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 12.230 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.6	33.8





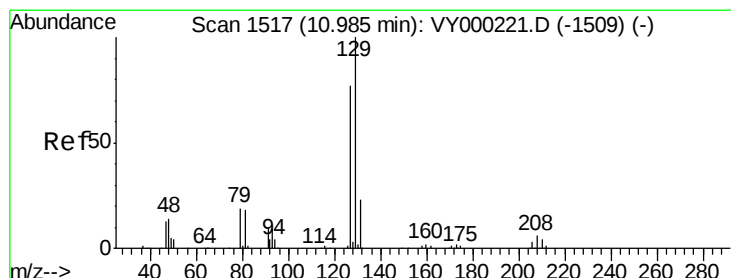
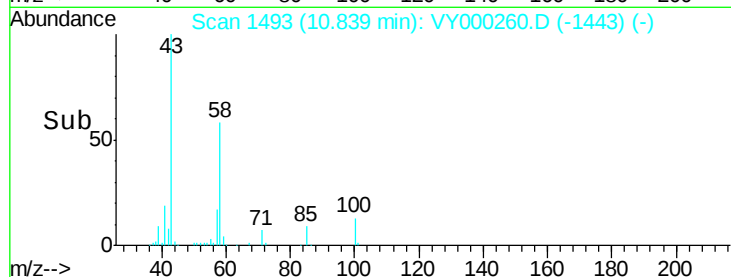
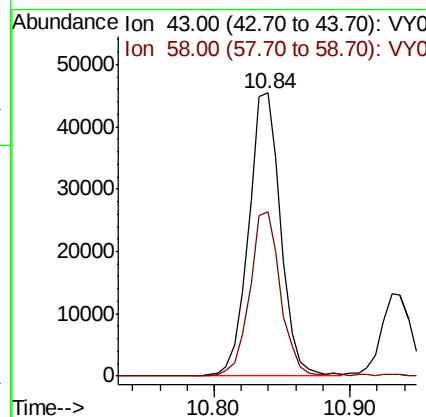
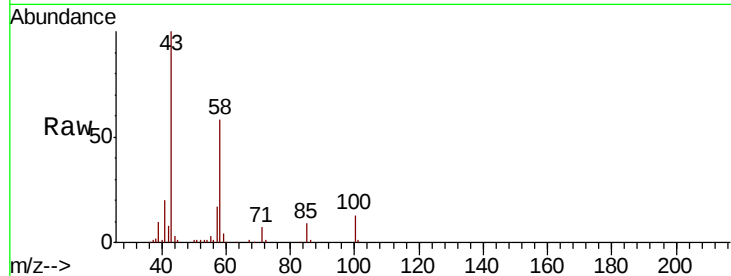
#59
2-Hexanone
Concen: 12.128 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion: 43 Resp: 74912
Ion Ratio Lower Upper
43 100
58 56.0 28.2 84.6

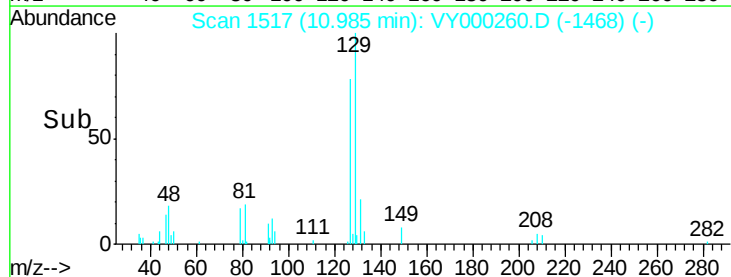
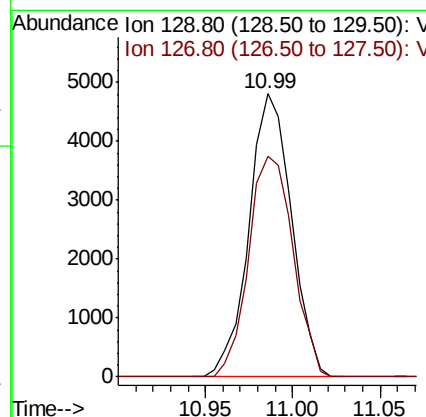
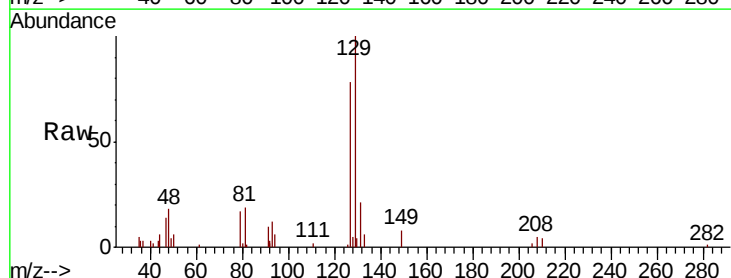
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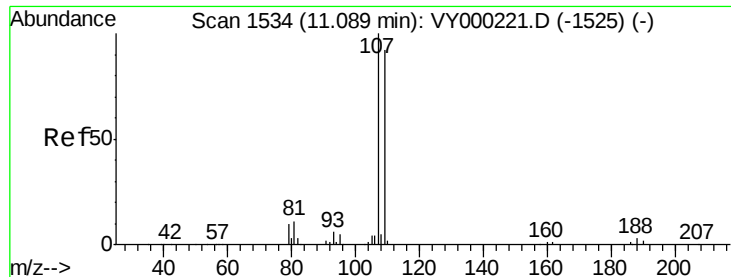
MMDadoda
10/14/2019 1:34:00 PM



#60
Dibromochloromethane
Concen: 2.405 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion: 129 Resp: 8130
Ion Ratio Lower Upper
129 100
127 81.3 39.1 117.2





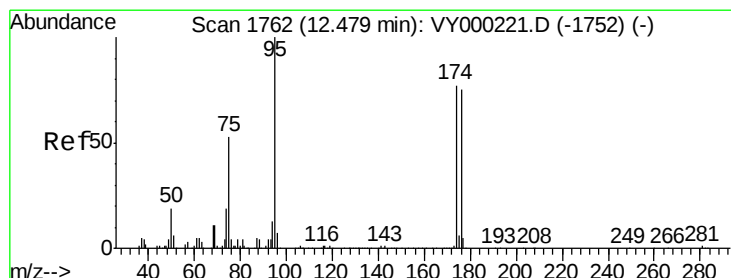
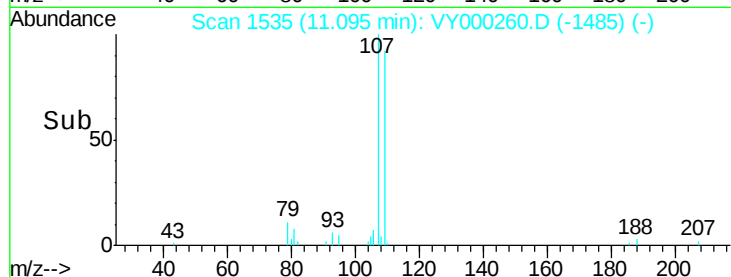
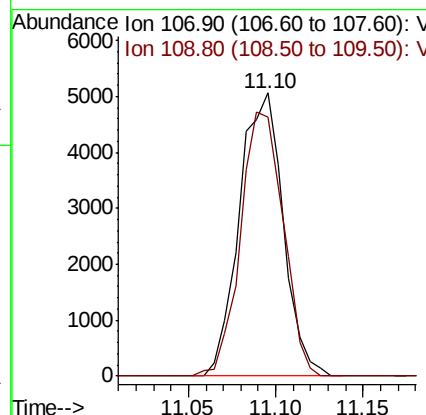
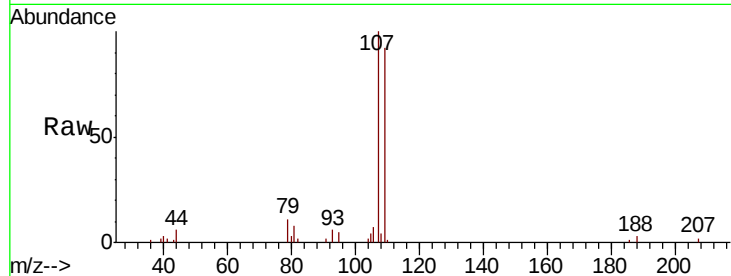
#61
 1,2-Dibromoethane
 Concen: 2.597 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.0	75.0	112.6

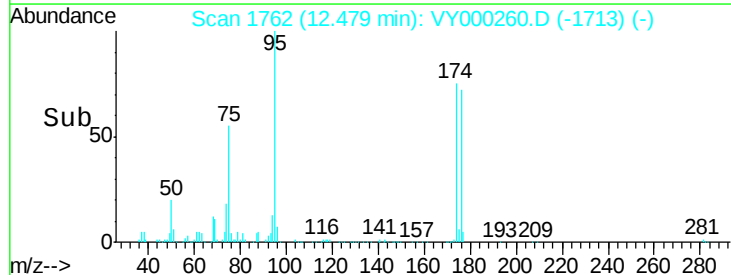
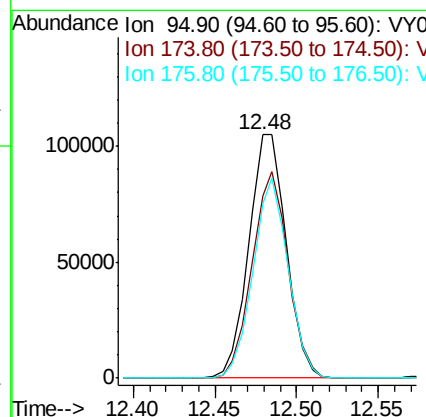
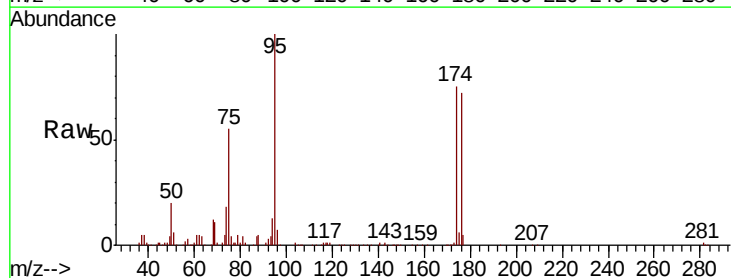
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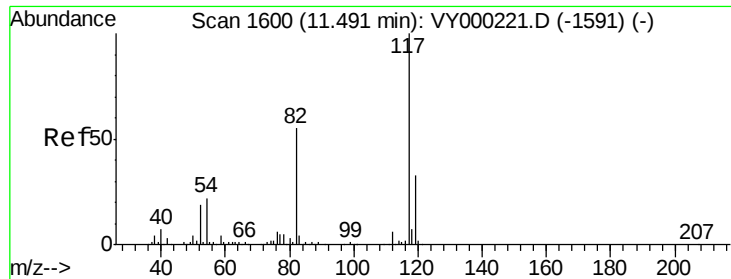
MMDadoda
 10/14/2019 1:34:00 PM



#62
 4-Bromofluorobenzene
 Concen: 47.428 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	157.0
176	77.3	0.0	153.0





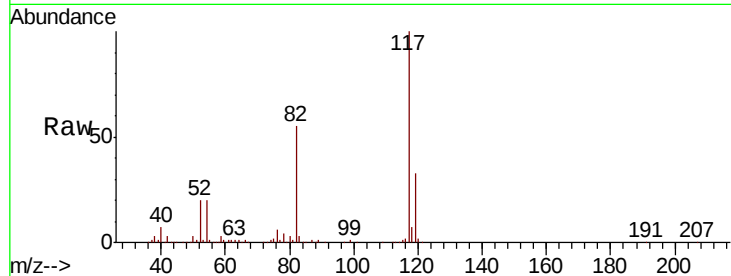
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	358018		
82	55.2		44.4	66.6
119	32.7		26.2	39.2

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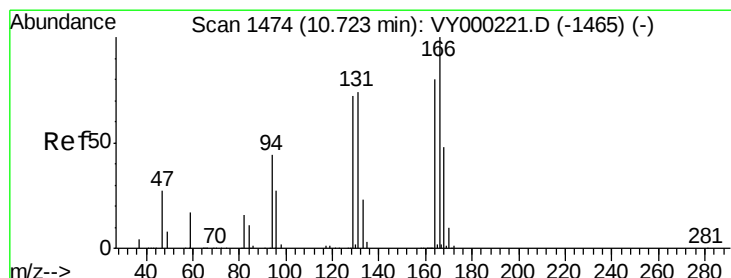
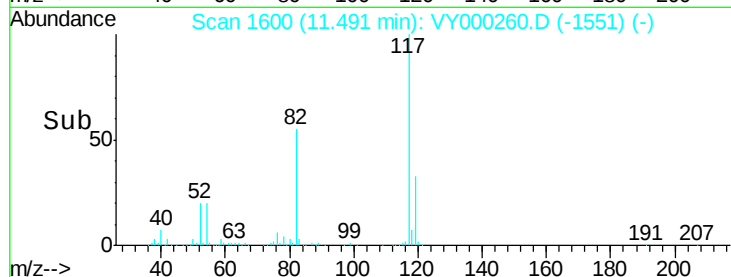
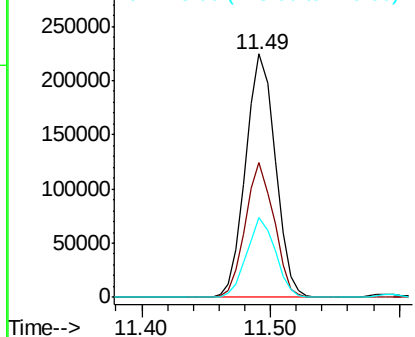


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 2.904 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	9502		
166	125.8		100.3	150.5
129	97.7		72.4	108.6
131	84.3		74.4	111.6

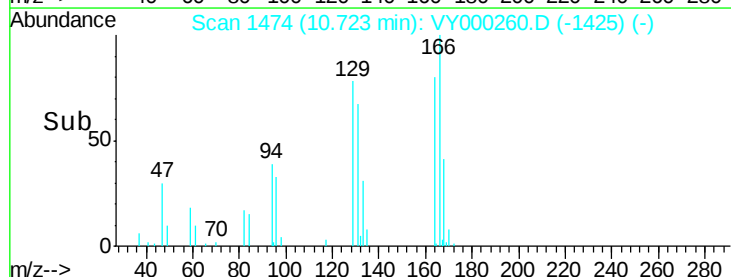
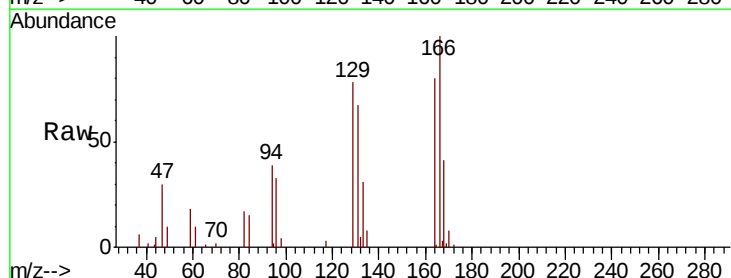
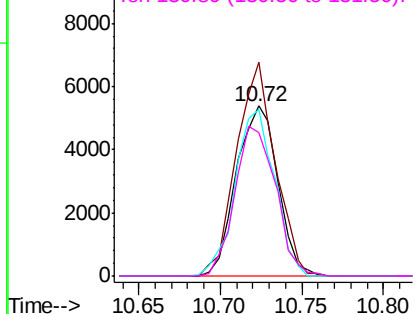
Abundance

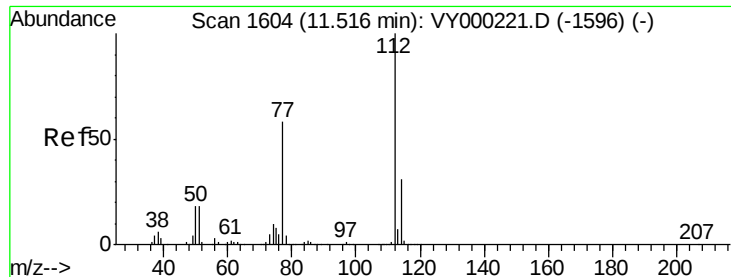
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





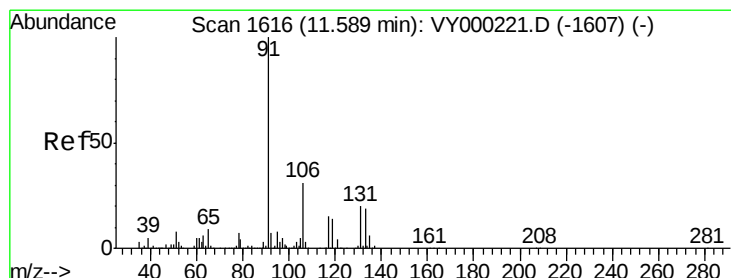
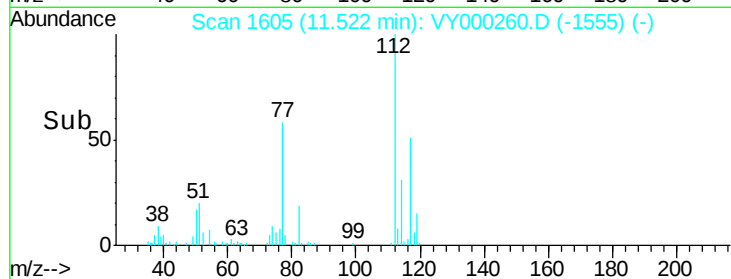
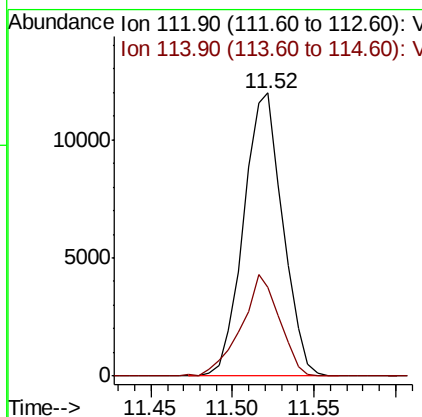
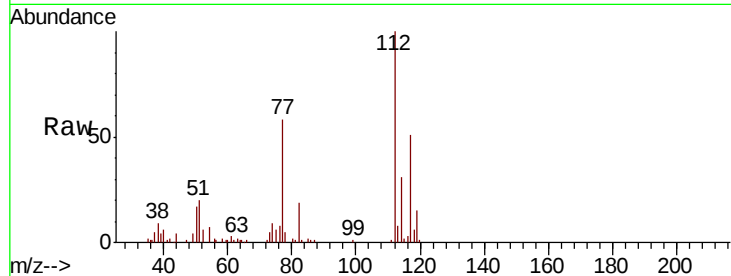
#65
Chlorobenzene
Concen: 2.416 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.0	37.4

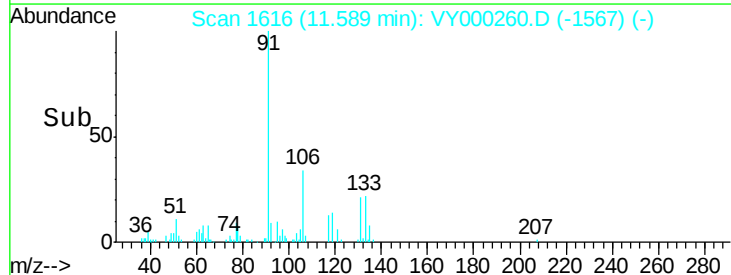
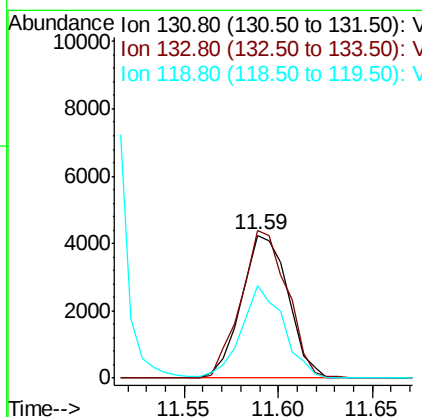
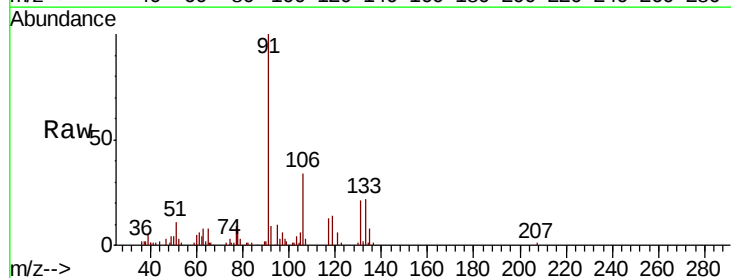
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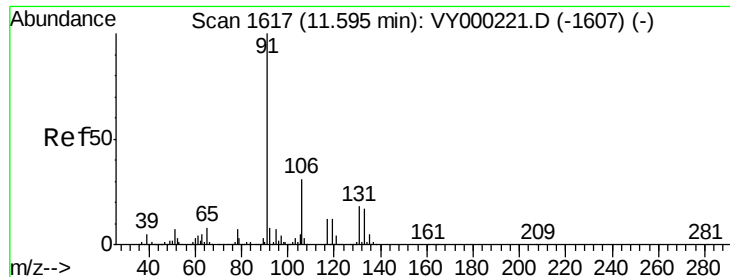
MMDadoda
10/14/2019 1:34:00 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 2.455 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
131	100		
133	102.9	47.0	141.2
119	58.3	33.3	99.8





#67

Ethyl Benzene

Concen: 2.371 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 91 Resp: 35169

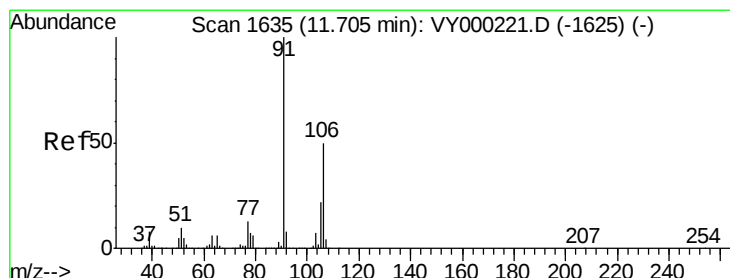
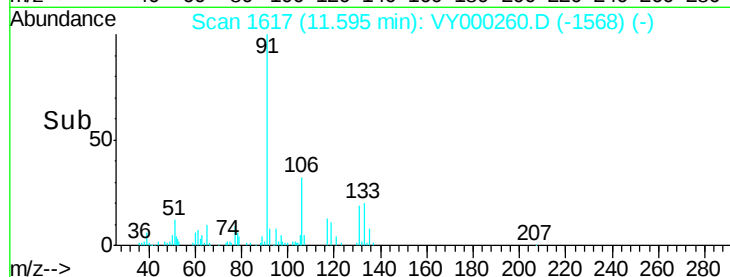
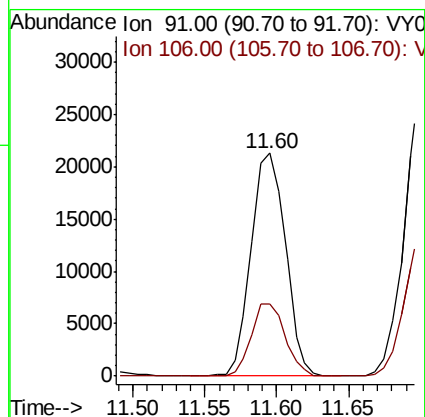
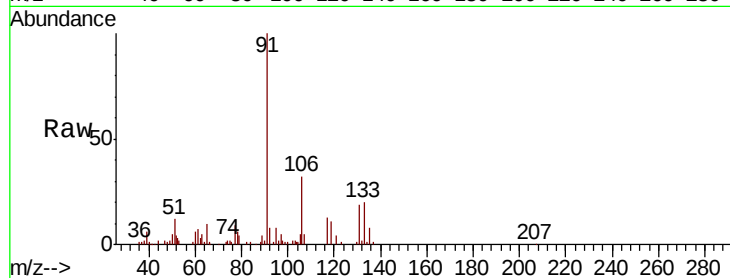
Ion Ratio Lower Upper

91 100

106 32.2 25.2 37.8

Manual Integrations
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10/14/2019 1:34:00 PM



#68

m/p-Xylenes

Concen: 4.842 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY000260.D

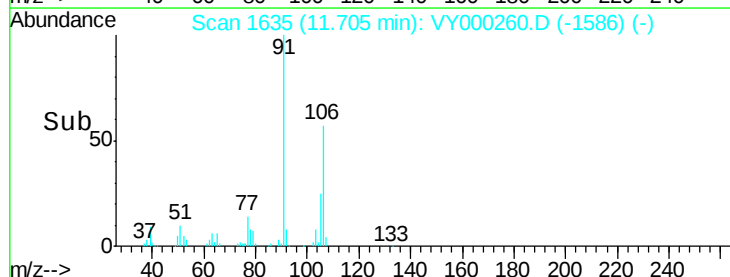
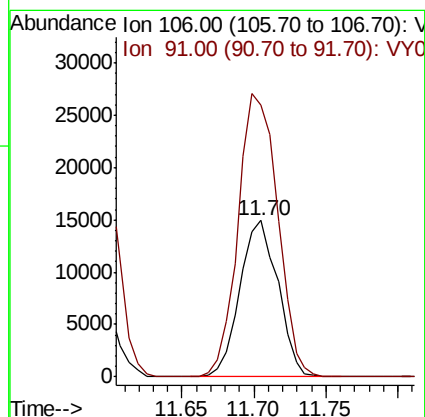
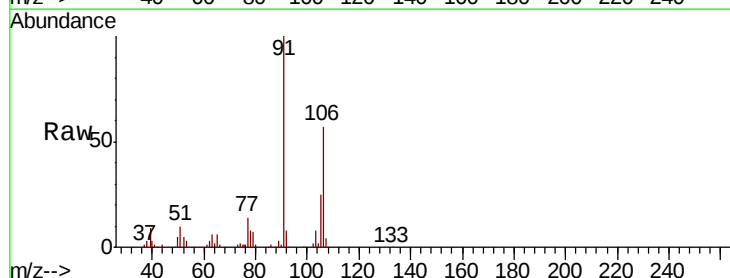
Acq: 10 Oct 2019 17:51

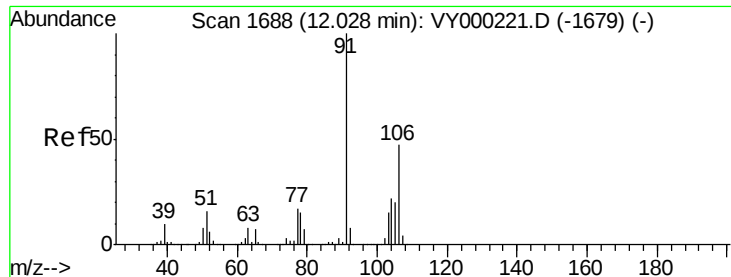
Tgt Ion: 106 Resp: 27401

Ion Ratio Lower Upper

106 100

91 188.3 159.9 239.9





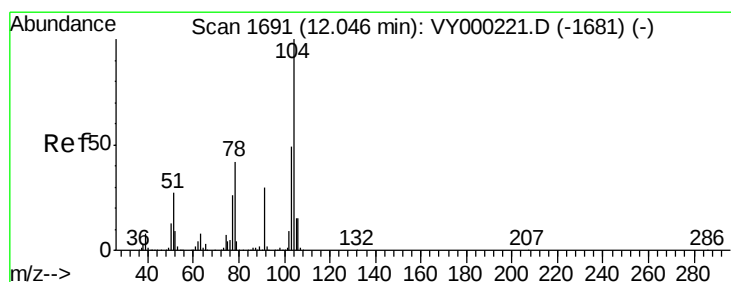
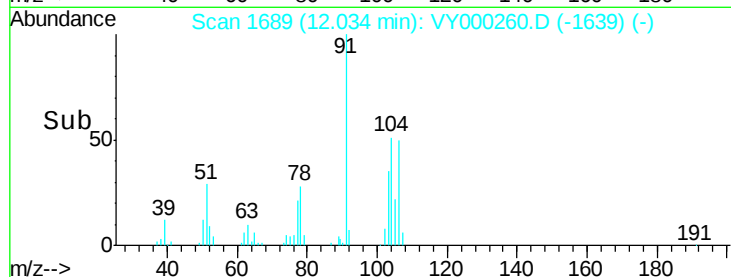
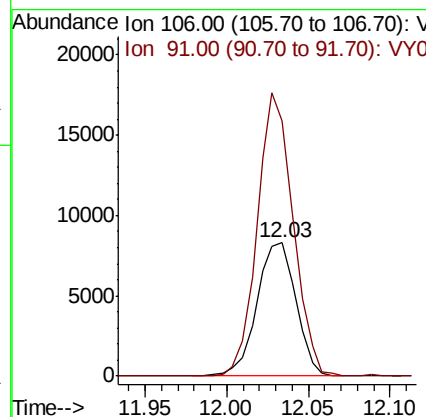
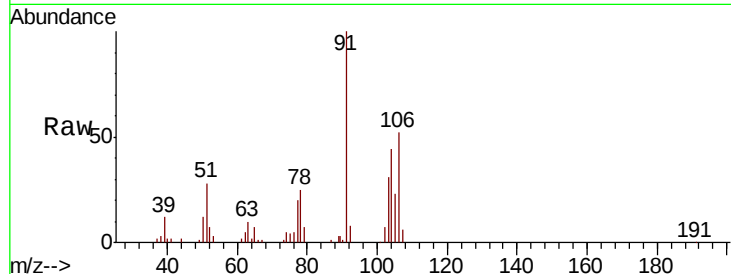
#69
o-Xylene
Concen: 2.531 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	194.6	106.1	13796	318.1	

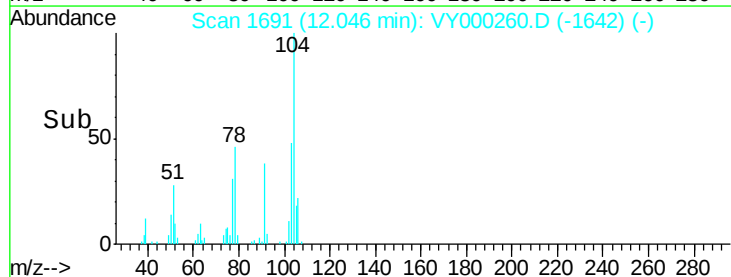
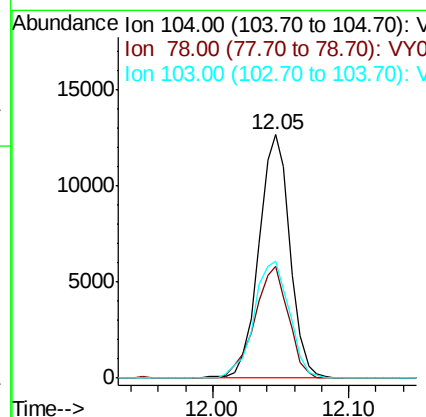
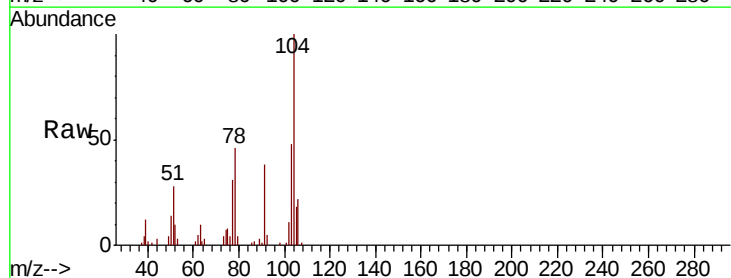
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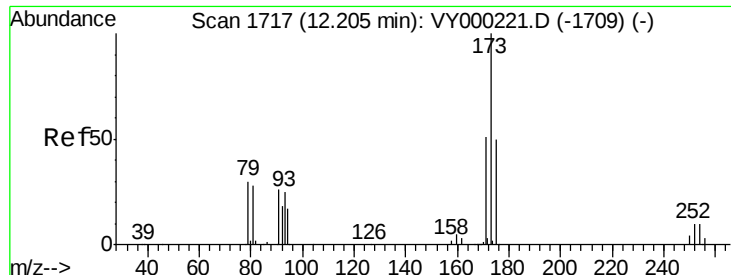
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#70
Styrene
Concen: 2.154 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.6	39.0	20229	58.4	
103	54.7	43.1		64.7	





#71

Bromoform

Concen: 2.435 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

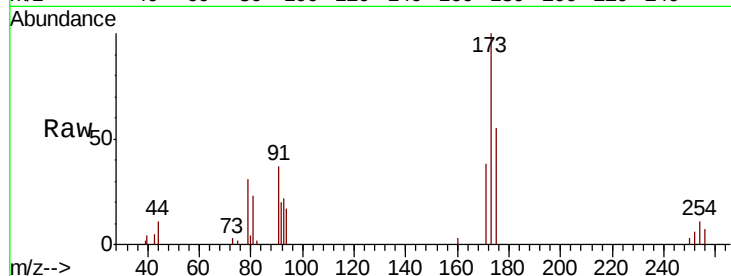
ClientSampleId :

2.5PPBMDL

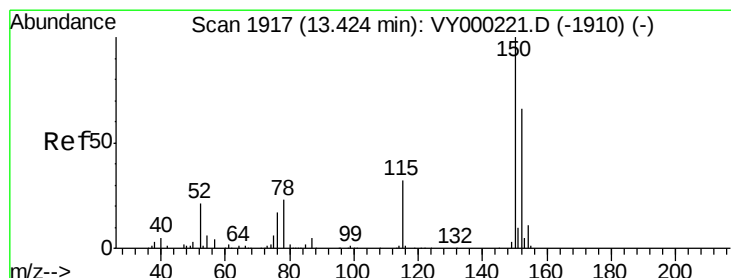
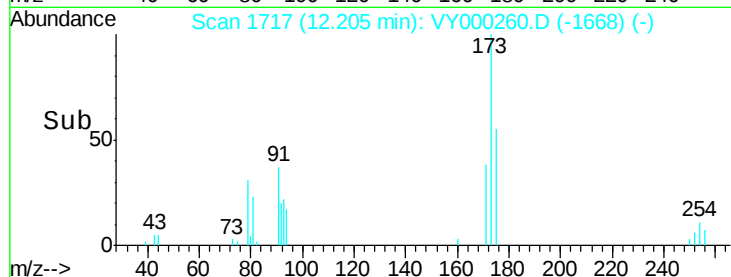
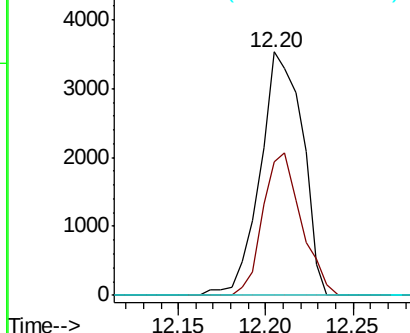
Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100		5960		
175	52.9	24.8	74.3		
254	0.0	0.1	0.1#		

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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

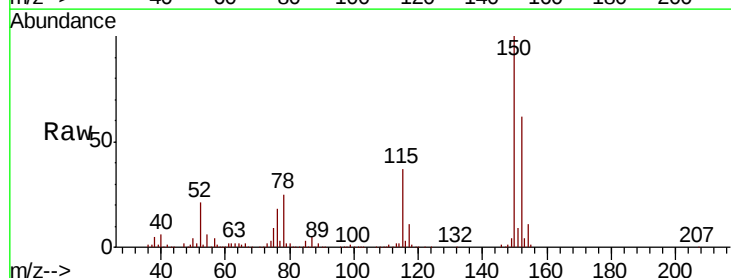
RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

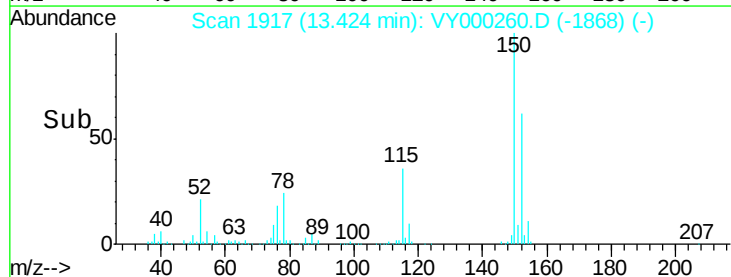
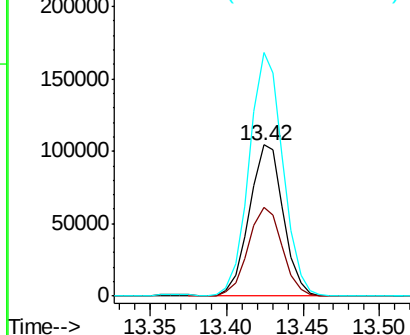
Lab File: VY000260.D

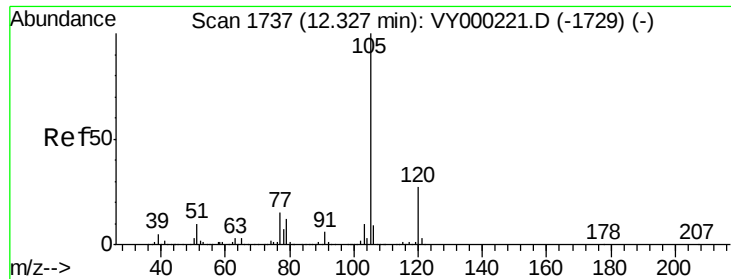
Acq: 10 Oct 2019 17:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		161778		
115	58.8	29.3	88.0		
150	158.6	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: 2.467 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 105 Resp: 33819

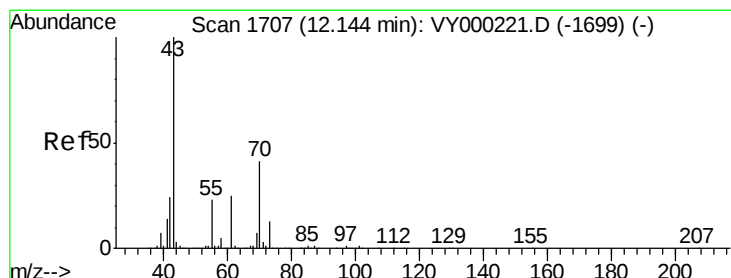
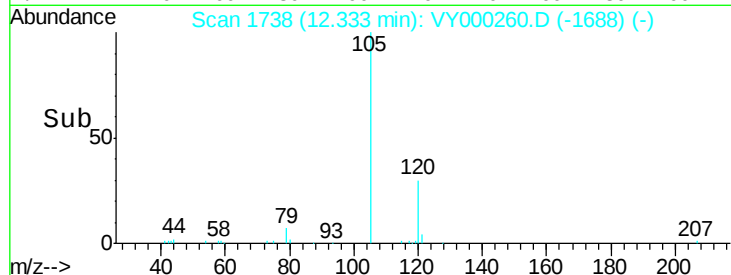
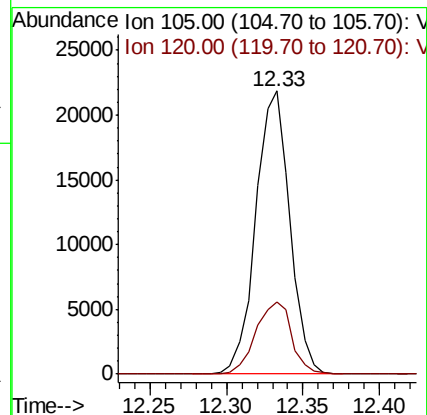
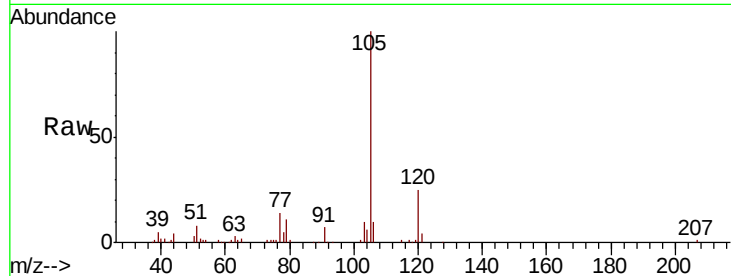
Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.8

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10/14/2019 1:34:00 PM



#74

N-ethyl acetate

Concen: 2.251 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Tgt Ion: 43 Resp: 14693

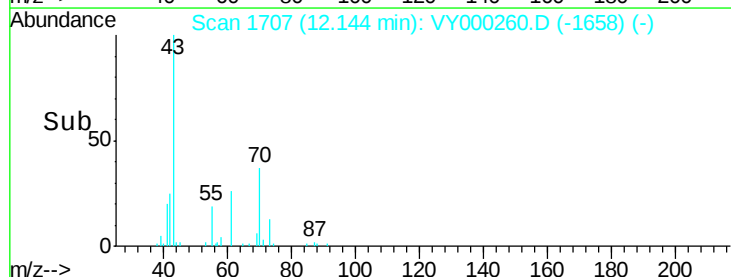
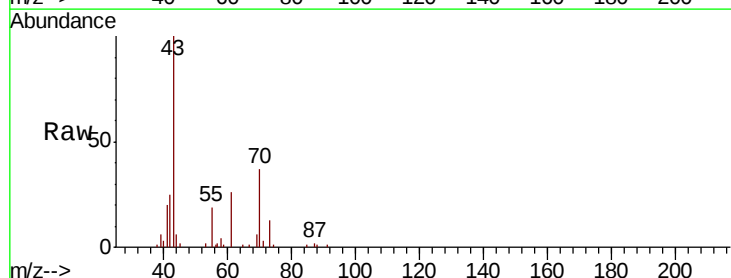
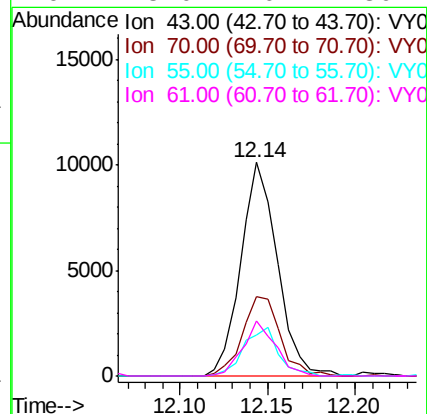
Ion Ratio Lower Upper

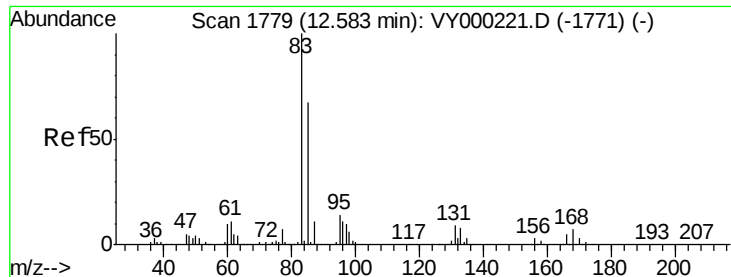
43 100

70 38.7 34.9 52.3

55 21.7 18.2 27.2

61 23.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 2.705 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

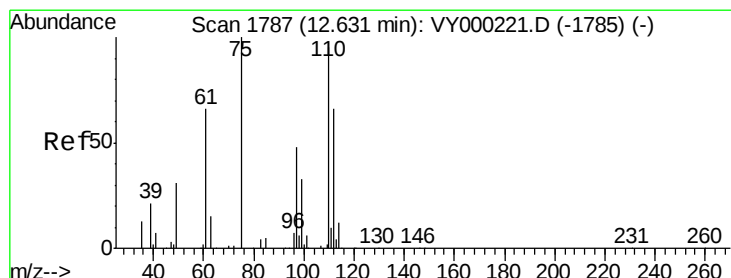
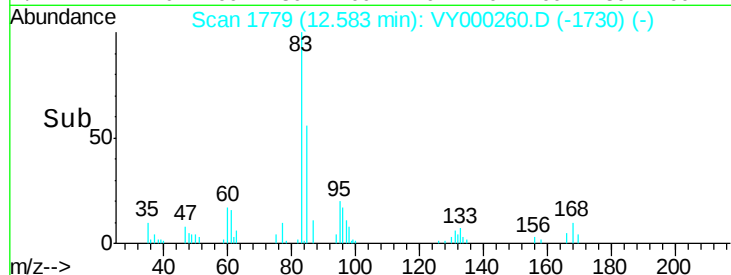
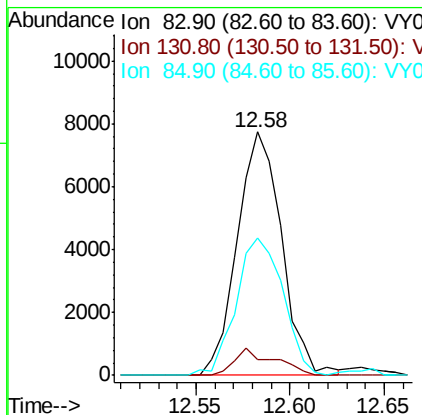
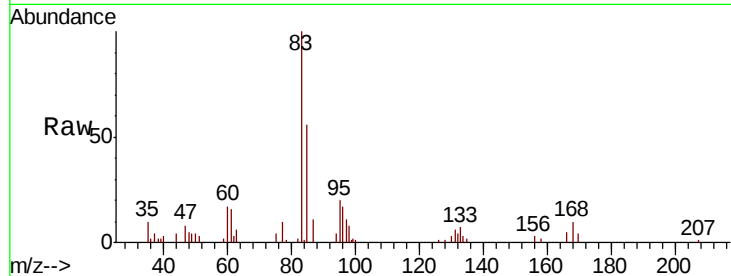
ClientSampleId :

2.5PPBMDL

Tot Ion:	83	Resp:	12653
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.8	14.3
85	59.5	32.5	97.5

Manual Integrations
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10/14/2019 1:34:00 PM



#76

1,2,3-Trichloropropane

Concen: 2.696 ug/l m

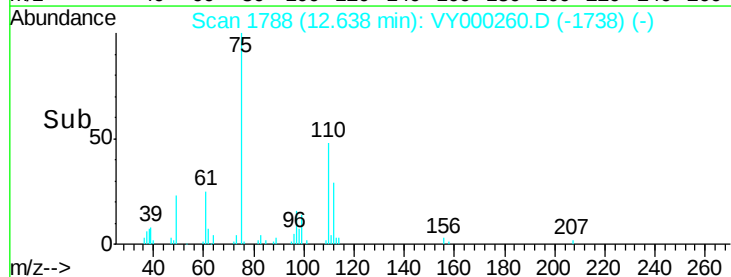
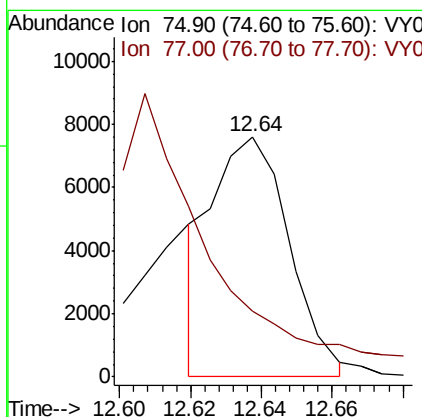
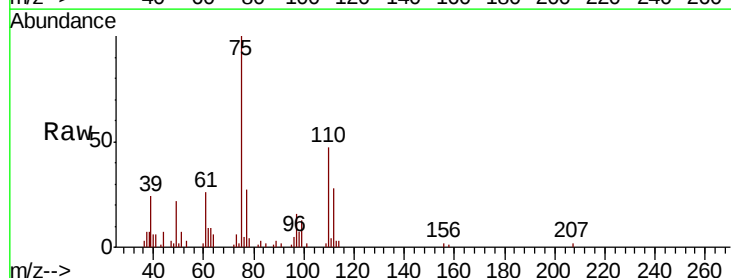
RT: 12.64 min Scan# 1788

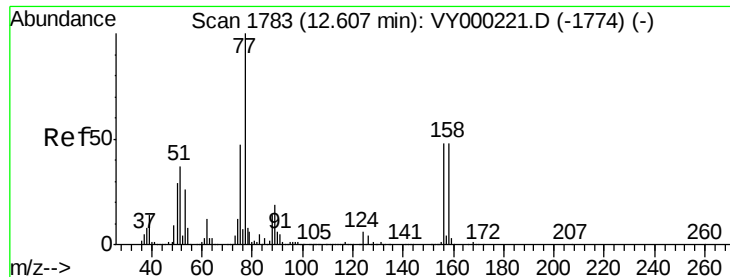
Delta R.T. 0.01 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Tgt Ion:	75	Resp:	11516
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 2.633 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion:156 Resp: 8464

Ion Ratio Lower Upper

156 100

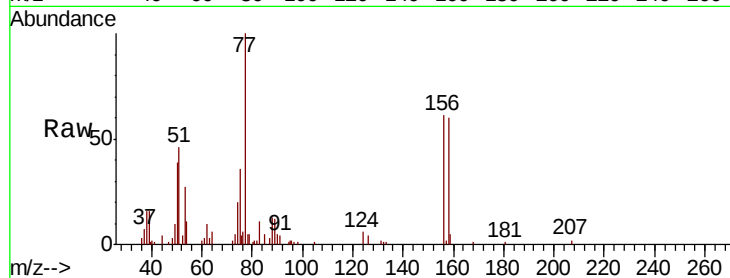
77 221.7 118.1 354.3

158 101.6 47.8 143.3

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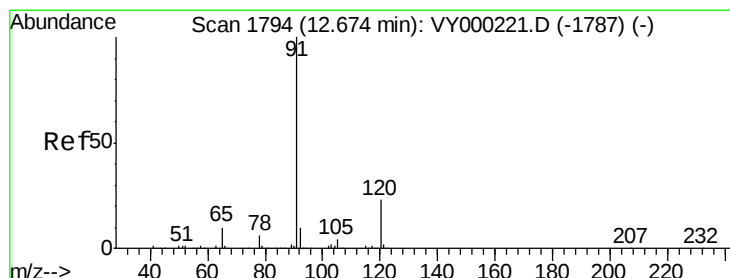
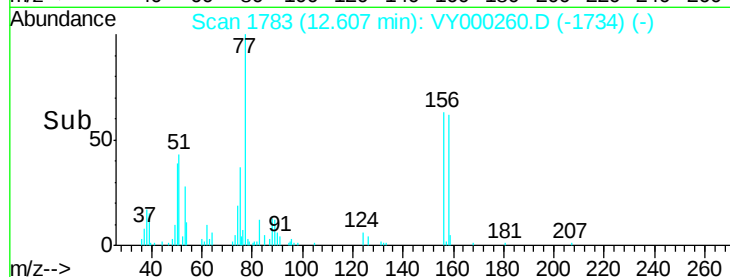
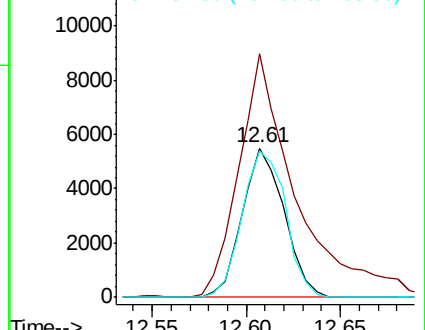
10/14/2019 1:34:00 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.310 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000260.D

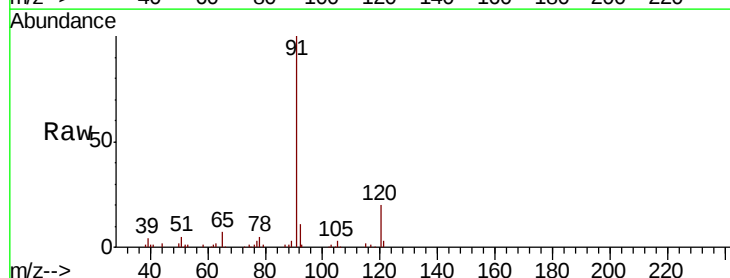
Acq: 10 Oct 2019 17:51

Tgt Ion: 91 Resp: 36981

Ion Ratio Lower Upper

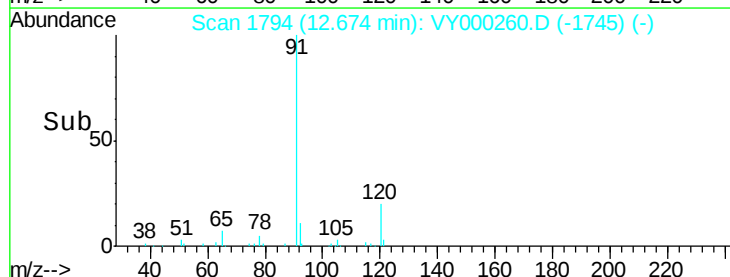
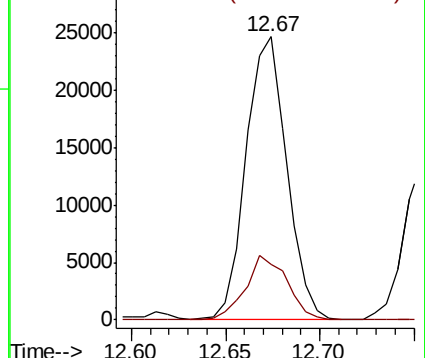
91 100

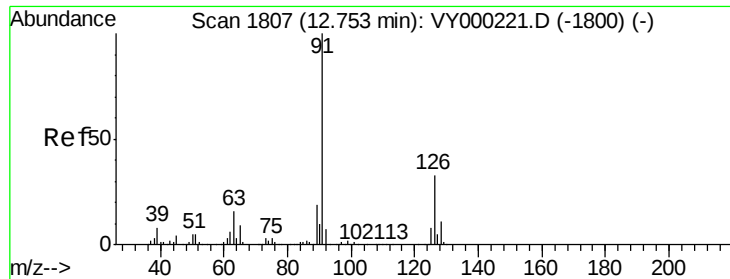
120 23.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





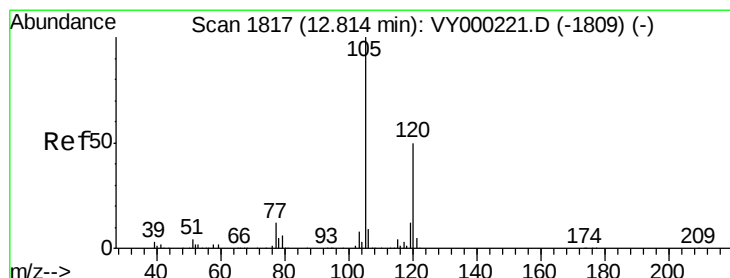
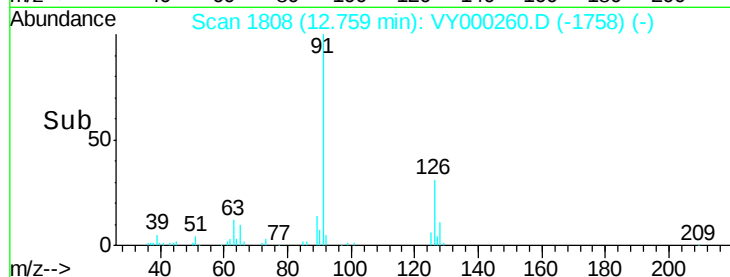
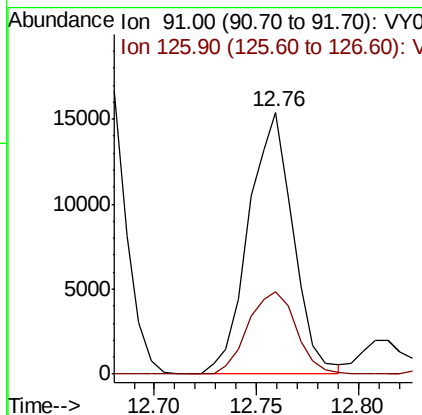
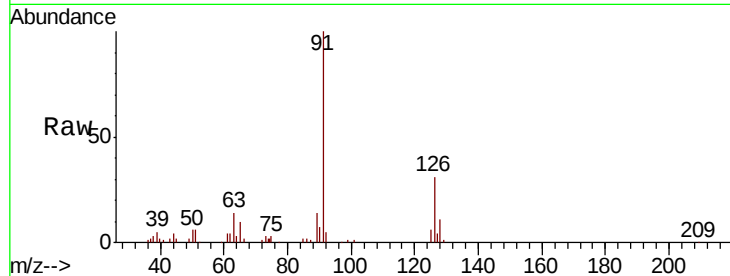
#79
2-Chlorotoluene
Concen: 2.534 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion: 91 Resp: 23364
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6

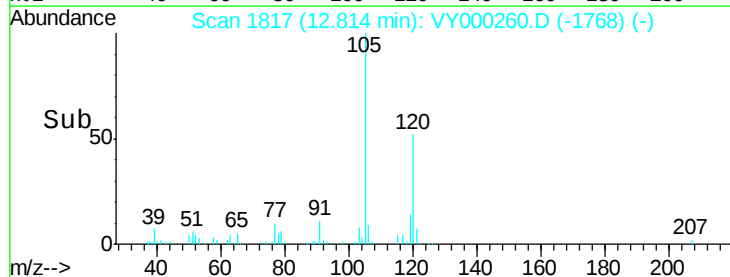
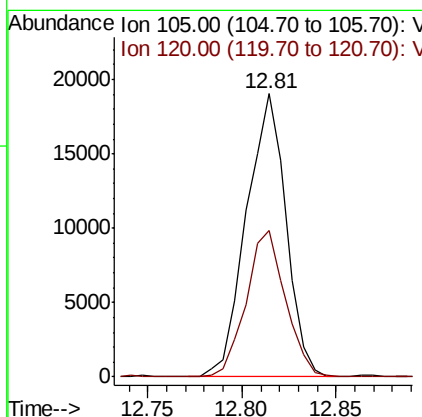
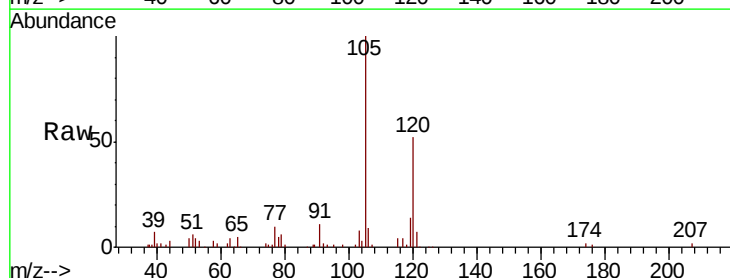
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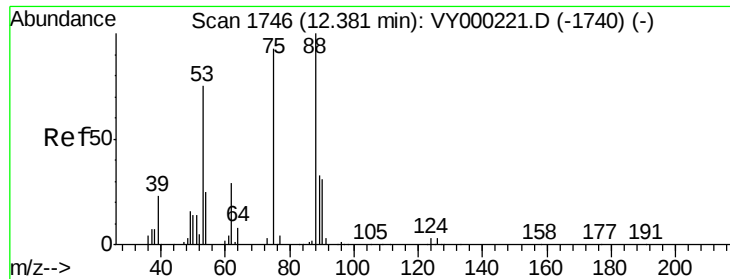
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 2.421 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion: 105 Resp: 27692
Ion Ratio Lower Upper
105 100
120 51.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 2.121 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

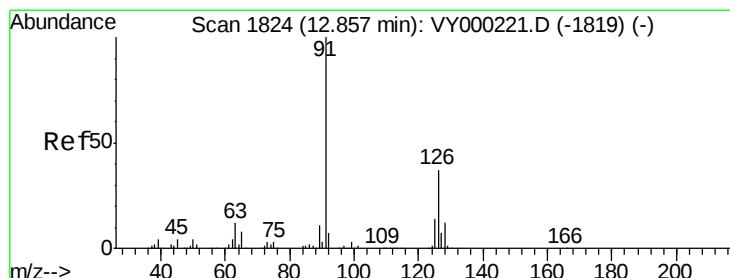
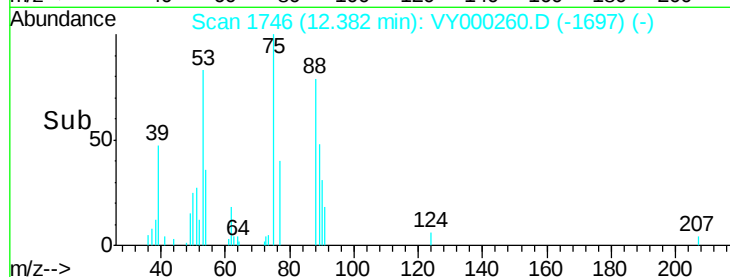
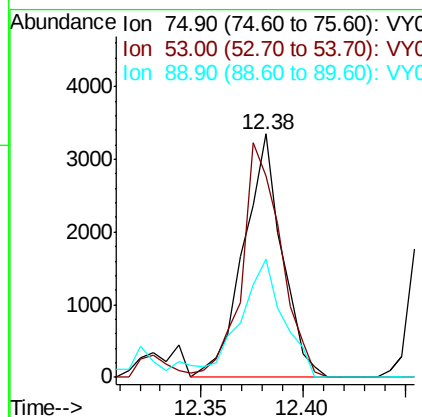
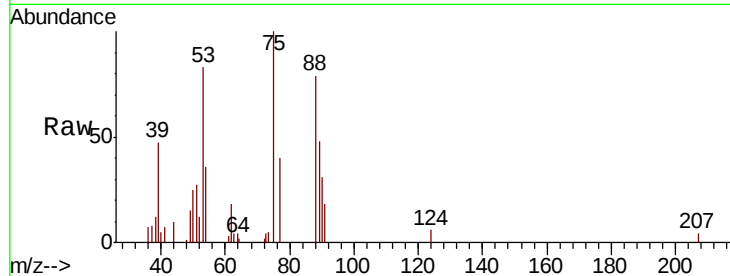
ClientSampleId :

2.5PPBMDL

Tot Ion:	75	Resp:	4390
Ion	Ratio	Lower	Upper
75	100		
53	97.2	66.5	99.7
89	53.3	46.9	70.3

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#82

4-Chlorotoluene

Concen: 2.399 ug/l

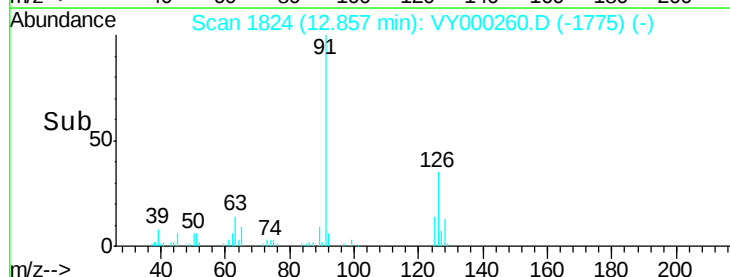
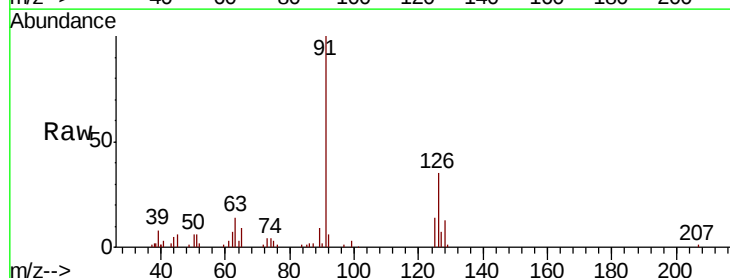
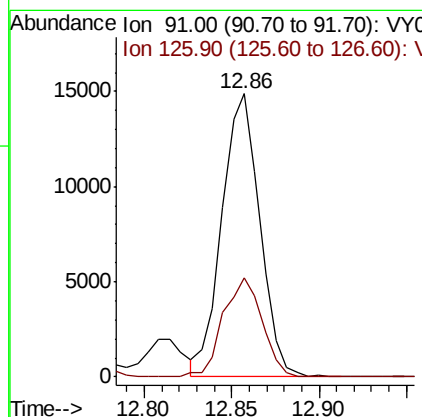
RT: 12.86 min Scan# 1824

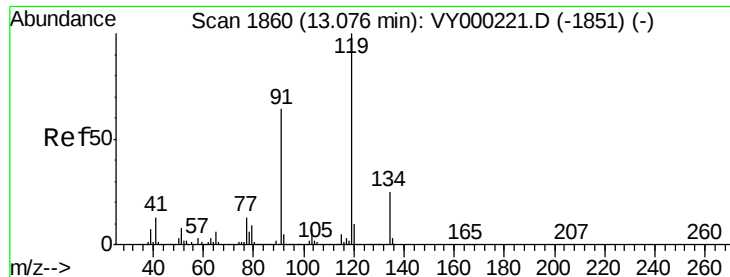
Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Tgt Ion:	91	Resp:	22399
Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.3	52.0





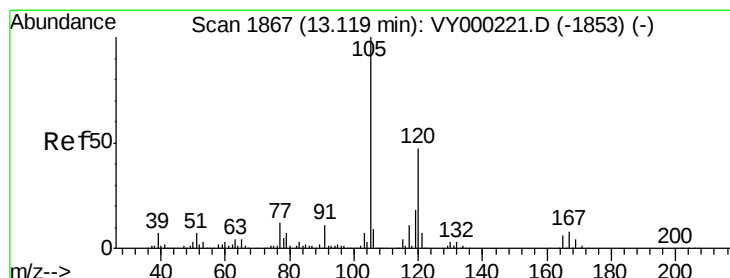
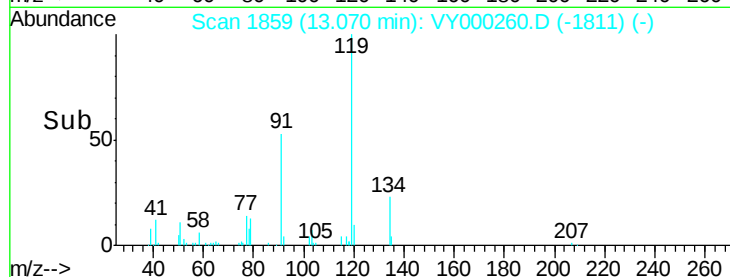
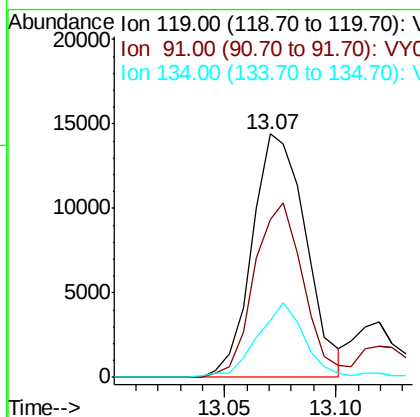
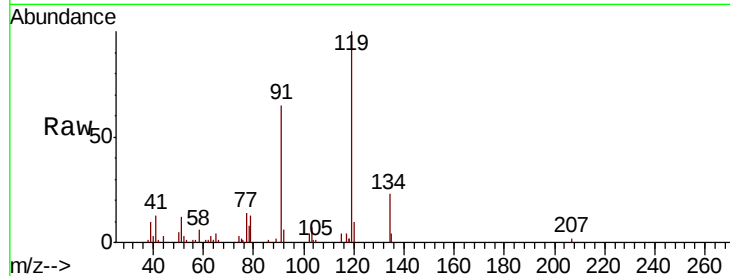
#83
tert-Butylbenzene
Concen: 2.435 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.4	32.4	97.2
134	26.6	13.2	39.6

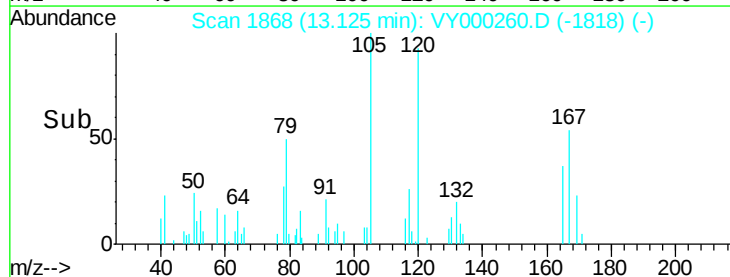
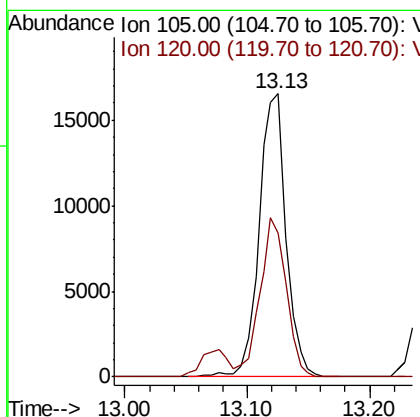
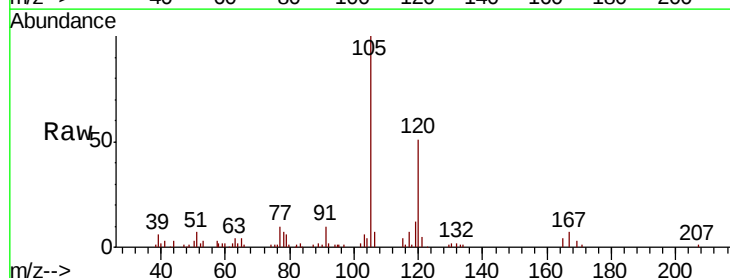
Manual Integrations
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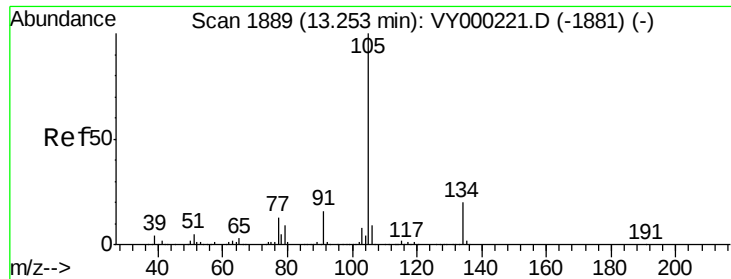
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#84
1,2,4-Trimethylbenzene
Concen: 2.225 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.01 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	54.9	22.8	68.3





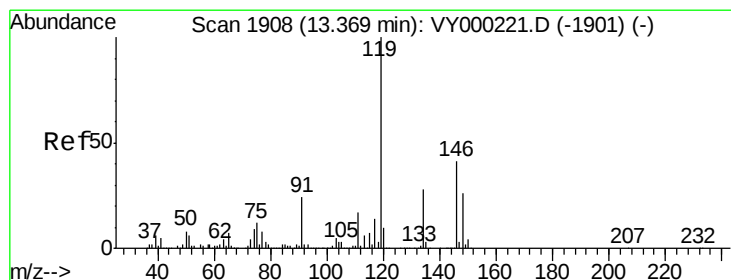
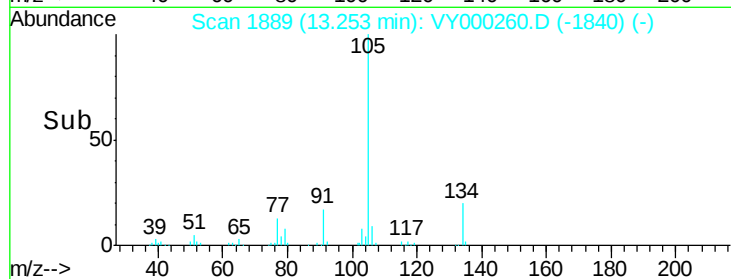
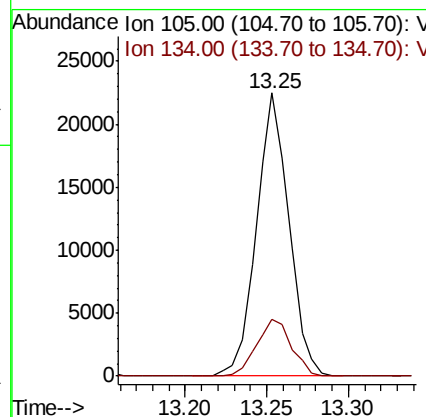
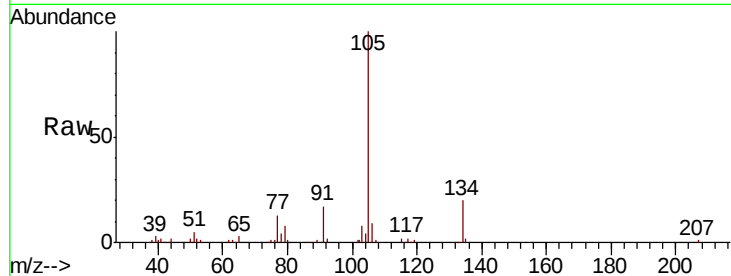
#85
 sec-Butylbenzene
 Concen: 2.274 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.2	30.6

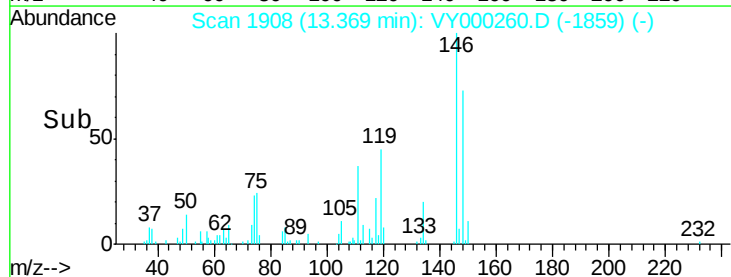
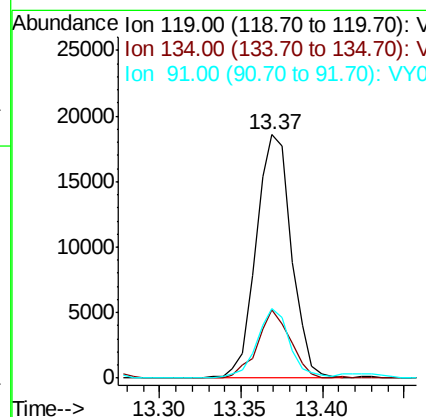
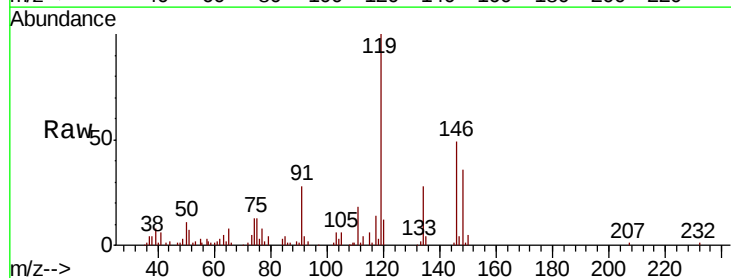
Manual Integrations
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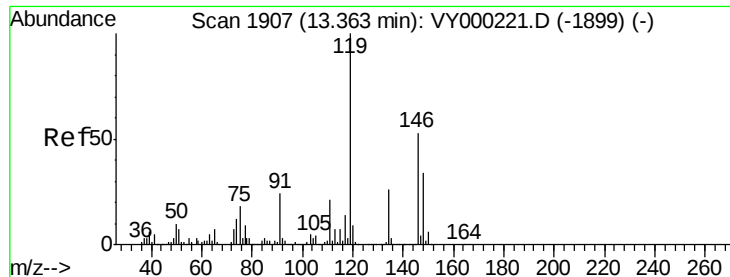
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 10/14/2019 1:34:00 PM



#86
 p-Isopropyltoluene
 Concen: 2.329 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.3	39.9
91	26.8	11.7	35.1





#87

1,3-Dichlorobenzene

Concen: 2.606 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Instrument :

MSVOA_Y

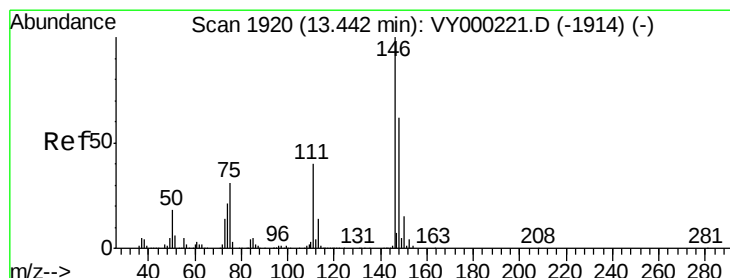
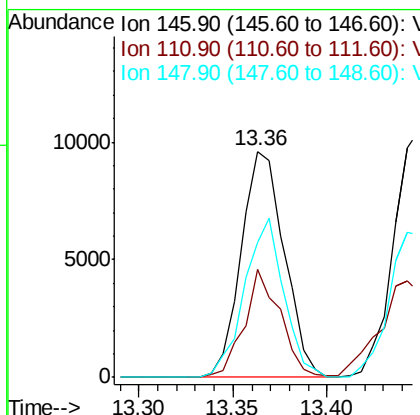
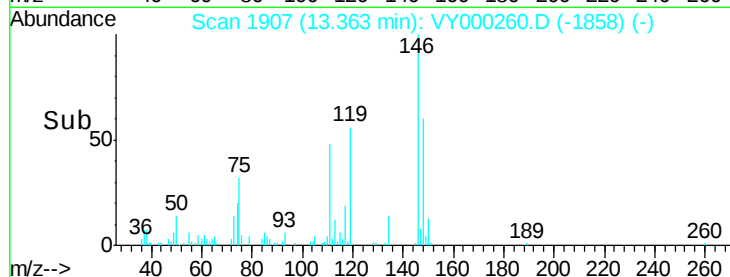
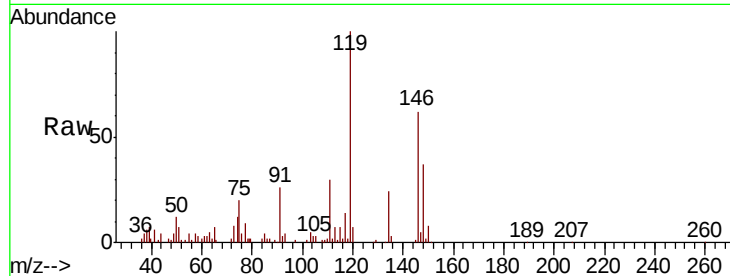
ClientSampleId :

2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	64.5	31.7	95.1

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#88

1,4-Dichlorobenzene

Concen: 2.622 ug/l

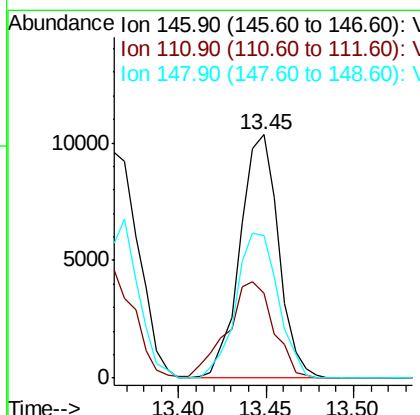
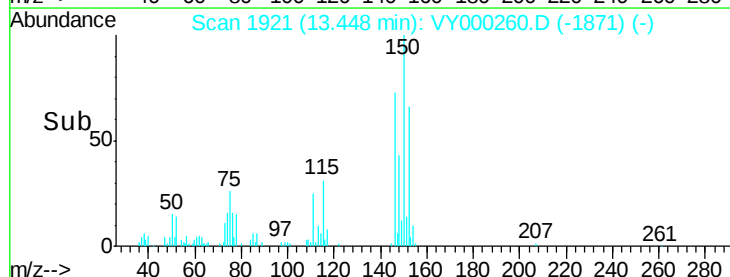
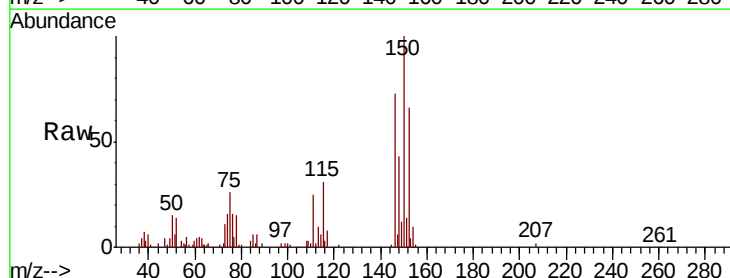
RT: 13.45 min Scan# 1921

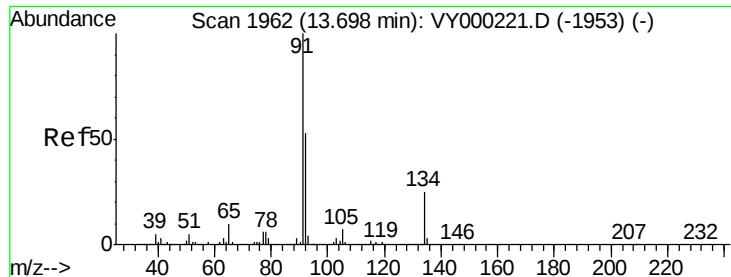
Delta R.T. 0.01 min

Lab File: VY000260.D

Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.4	19.8	59.3
148	65.2	31.6	94.8





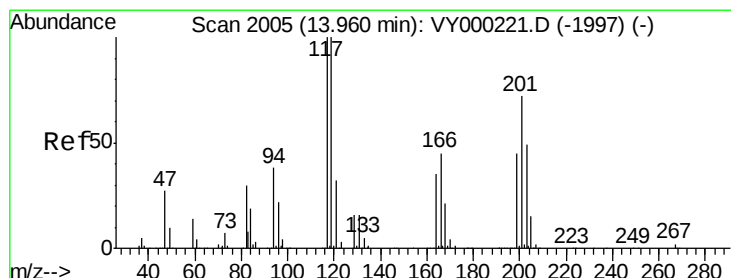
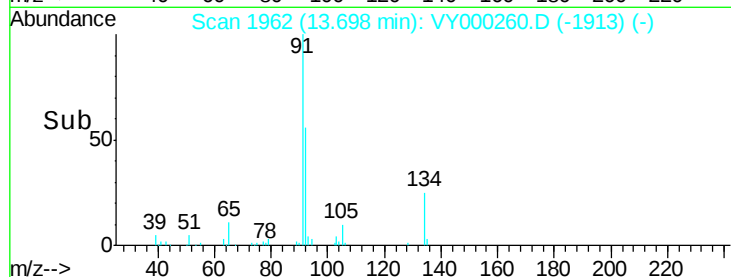
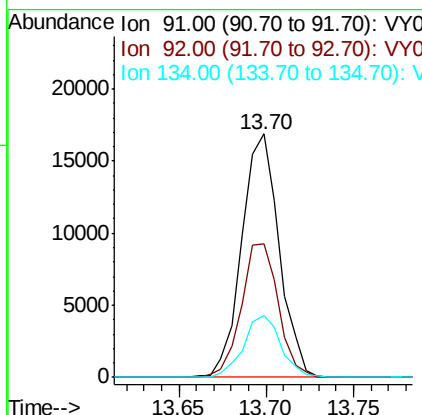
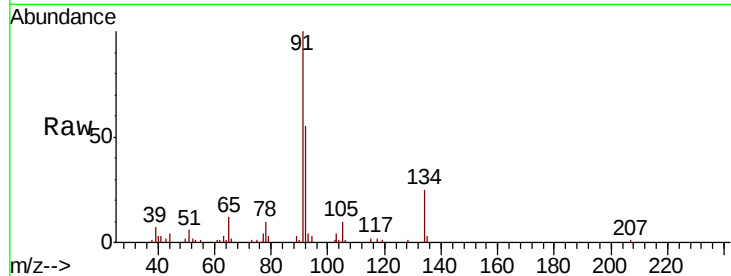
#89
n-Butylbenzene
Concen: 2.209 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.0	80.8
134	25.4	12.8	38.4

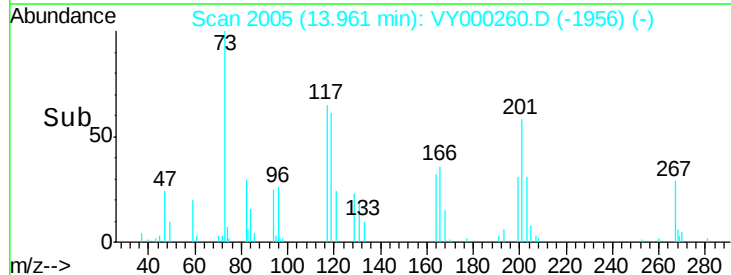
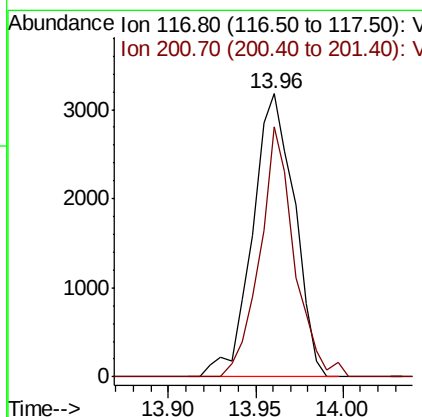
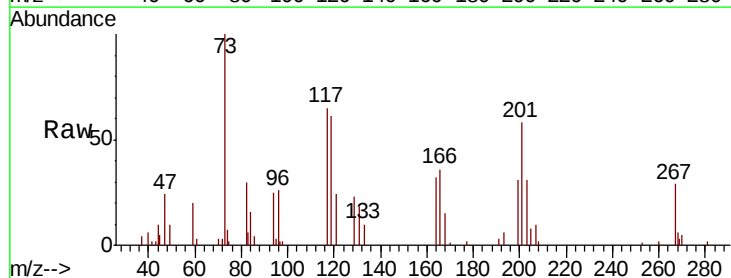
Manual Integrations
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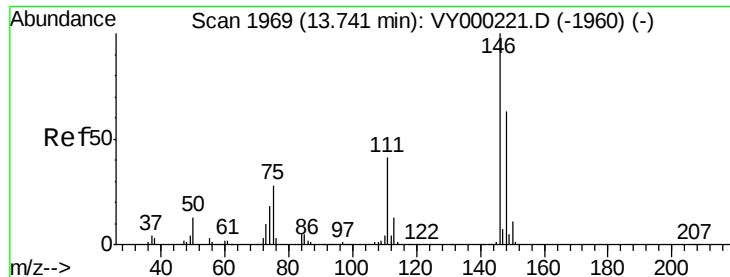
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#90
Hexachloroethane
Concen: 2.323 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.9	35.5	106.5





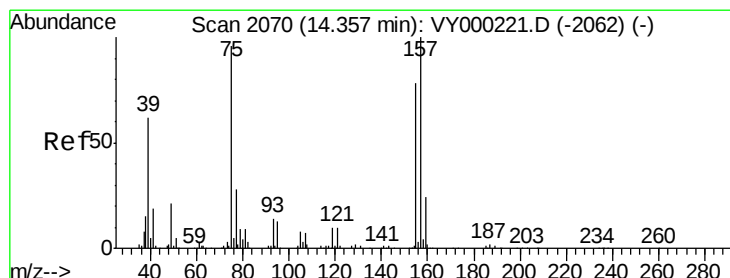
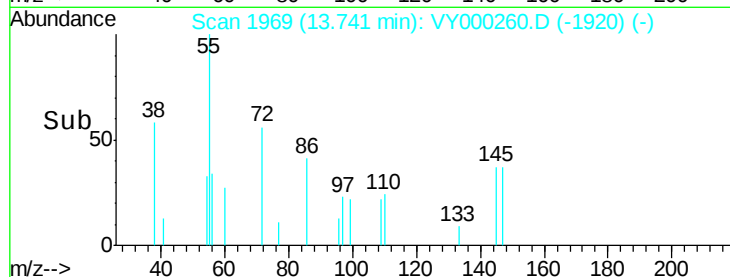
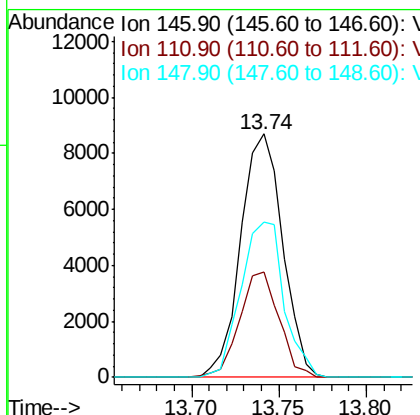
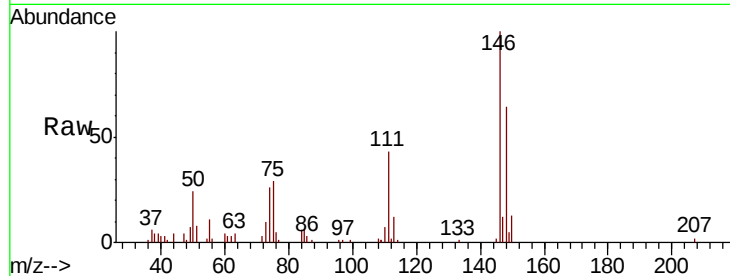
#91
 1,2-Dichlorobenzene
 Concen: 2.479 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.9	62.8
148	65.7	31.6	95.0

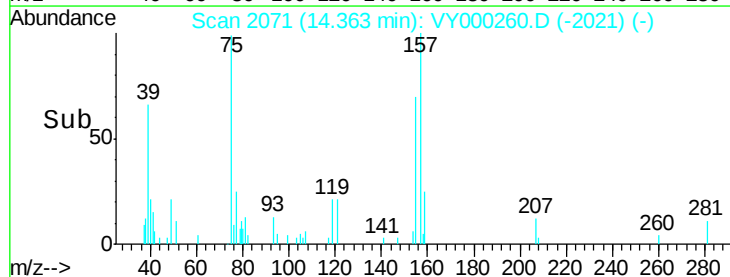
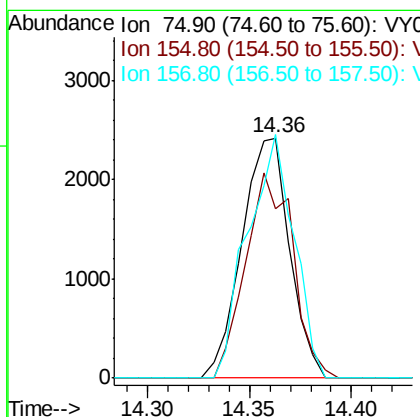
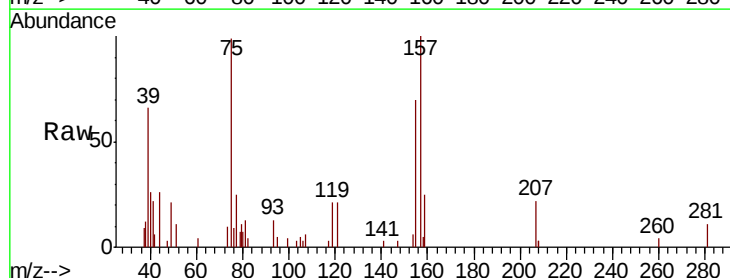
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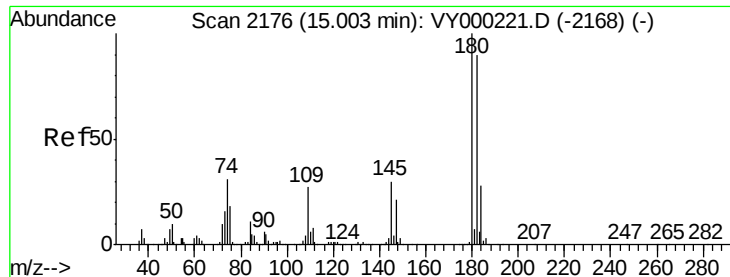
MMDadoda
 10/14/2019 1:34:00 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.701 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.01 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	42.4	127.3
157	98.3	53.8	161.5





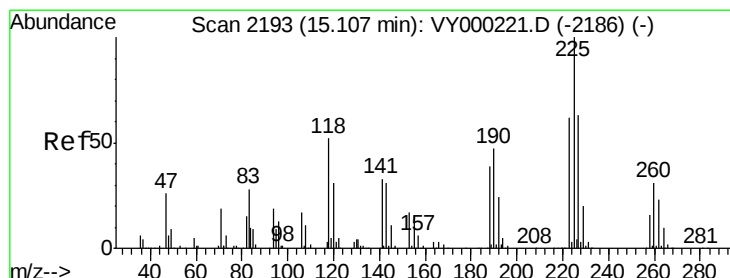
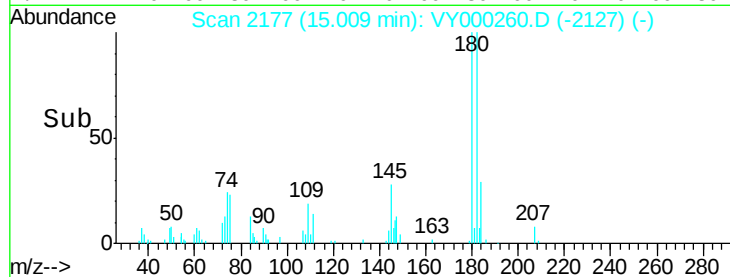
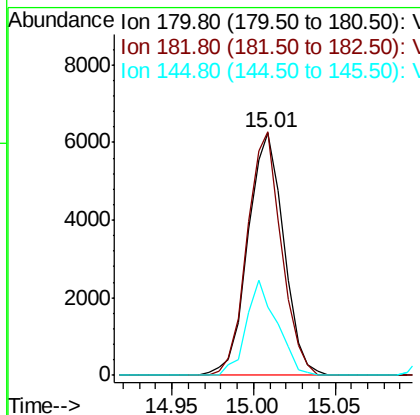
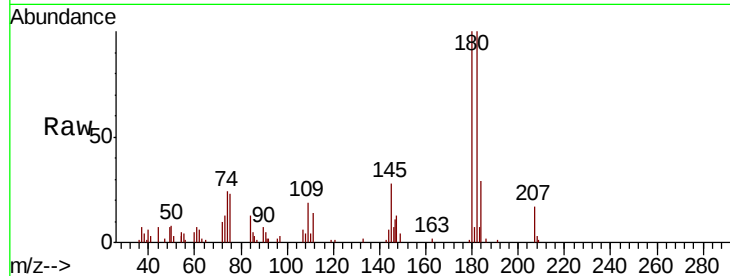
#93
 1,2,4-Trichlorobenzene
 Concen: 2.381 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.2	141.6
145	33.8	15.3	45.8

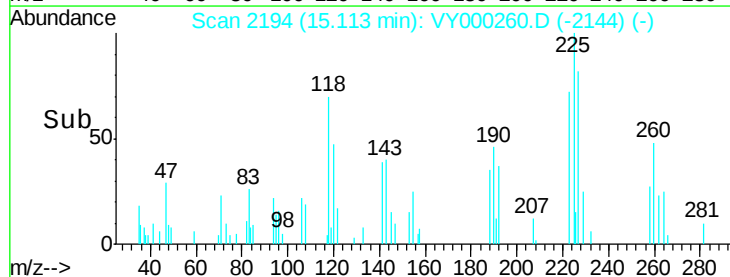
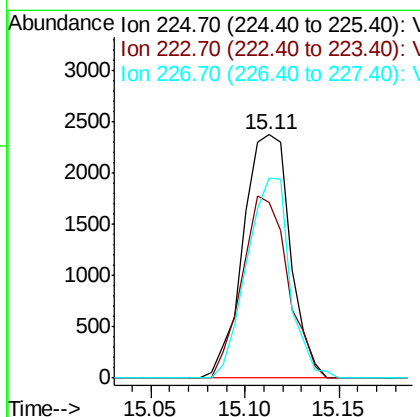
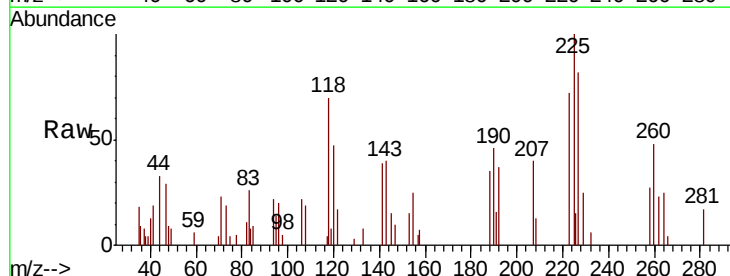
Manual Integrations
 APPROVED

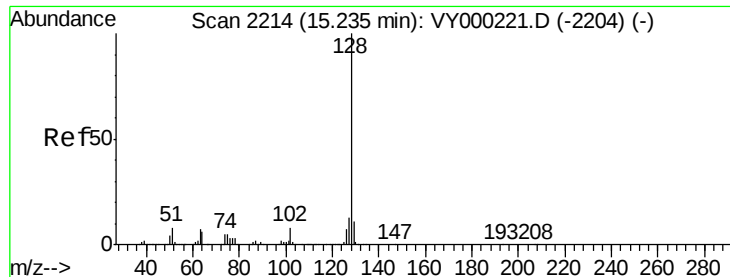
MMDadoda
 10/14/2019 1:34:00 PM



#94
 Hexachlorobutadiene
 Concen: 2.141 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000260.D
 Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	73.3	31.9	95.5
227	75.7	31.5	94.5





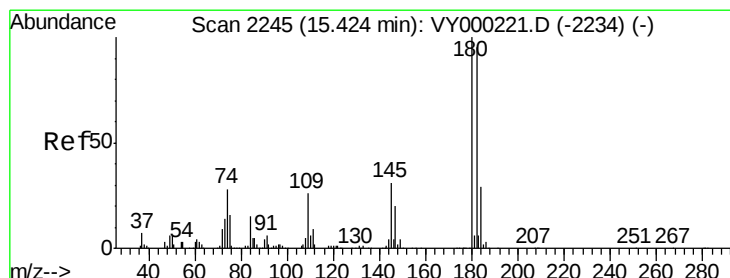
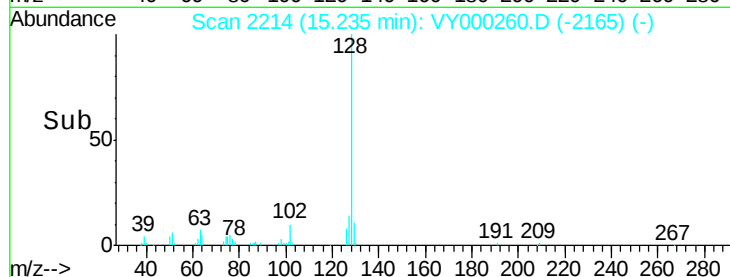
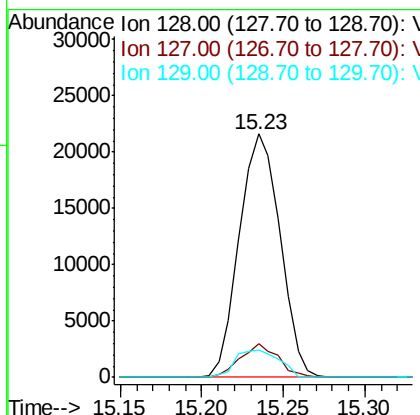
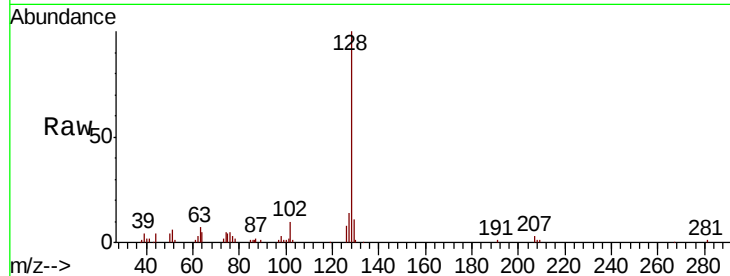
#95
Naphthalene
Concen: 2.507 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/14/2019 1:34:00 PM



#96
1,2,3-Trichlorobenzene
Concen: 2.631 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000260.D
Acq: 10 Oct 2019 17:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.0	47.9	143.7
145	32.1	16.3	48.9

