

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000257.D
 Acq On : 10 Oct 2019 16:45
 Operator : SY/MD
 Sample : 0.5PPBMDL
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:33:37 PM

Quant Time: Oct 11 07:19:01 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	263699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	445113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	385721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	176273	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	173989	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
35) Dibromofluoromethane	7.73	113	136844	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.19	98	508529	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
62) 4-Bromofluorobenzene	12.49	95	177915	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.90	85	1239	0.471	ug/l	91
3) Chloromethane	2.12	50	2115	0.590	ug/l #	83
4) Vinyl Chloride	2.25	62	1684	0.455	ug/l #	88
5) Bromomethane	2.65	94	1722	0.737	ug/l	83
6) Chloroethane	2.79	64	1258	0.538	ug/l #	16
7) Trichlorofluoromethane	3.13	101	2173	0.454	ug/l #	78
8) Diethyl Ether	3.52	74	1284	0.587	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.91	101	1454m	0.521	ug/l	
10) Methyl Iodide	4.11	142	1271m	0.309	ug/l	
11) Tert butyl alcohol	4.95	59	9084m	4.930	ug/l	
12) 1,1-Dichloroethene	3.88	96	1492	0.515	ug/l #	49
13) Acrolein	3.74	56	3102	3.207	ug/l	97
14) Allyl chloride	4.49	41	2950	0.604	ug/l	95
15) Acrylonitrile	5.18	53	9104	2.799	ug/l	96
16) Acetone	3.96	43	8603	3.203	ug/l	91
17) Carbon Disulfide	4.19	76	4461	0.522	ug/l #	33
18) Methyl Acetate	4.50	43	4231	0.575	ug/l #	65
19) Methyl tert-butyl Ether	5.24	73	5405	0.510	ug/l #	77
20) Methylene Chloride	4.74	84	2188	0.620	ug/l #	71
21) trans-1,2-Dichloroethene	5.23	96	1693	0.519	ug/l #	67
22) Diisopropyl ether	6.12	45	5702m	0.504	ug/l	
23) Vinyl Acetate	6.07	43	23473	2.290	ug/l	96
24) 1,1-Dichloroethane	6.05	63	2841m	0.492	ug/l	
25) 2-Butanone	7.00	43	12515	2.518	ug/l	100
26) 2,2-Dichloropropane	6.99	77	3804	0.730	ug/l #	58
27) cis-1,2-Dichloroethene	7.00	96	1853m	0.482	ug/l	
28) Bromochloromethane	7.35	49	1403	0.738	ug/l #	90
29) Tetrahydrofuran	7.36	42	8887	2.532	ug/l	94
30) Chloroform	7.52	83	3426	0.572	ug/l #	73
31) Cyclohexane	7.80	56	7748	1.329	ug/l #	23
32) 1,1,1-Trichloroethane	7.72	97	2832	0.556	ug/l #	49
36) 1,1-Dichloropropene	7.94	75	2647	0.584	ug/l #	94
37) Ethyl Acetate	7.09	43	4805	0.587	ug/l #	88
38) Carbon Tetrachloride	7.91	117	2210	0.501	ug/l #	89

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	2341	0.412	ug/l	92
40) Benzene	8.16	78	6615	0.481	ug/l	91
41) Methacrylonitrile	7.35	41	2868m	0.445	ug/l	
42) 1,2-Dichloroethane	8.25	62	2765	0.620	ug/l	100
43) Isopropyl Acetate	8.29	43	5234	0.497	ug/l #	88
44) Trichloroethene	8.96	130	2052	0.551	ug/l	97
45) 1,2-Dichloropropane	9.22	63	1686	0.490	ug/l	92
46) Dibromomethane	9.32	93	1469	0.609	ug/l #	88
47) Bromodichloromethane	9.50	83	2436	0.516	ug/l #	76
48) Methyl methacrylate	9.30	41	2749	0.578	ug/l	94
49) 1,4-Dioxane	9.32	88	1230	10.073	ug/l #	84
51) 4-Methyl-2-Pentanone	10.08	43	19101	2.412	ug/l	100
52) Toluene	10.25	92	4744	0.538	ug/l	91
53) t-1,3-Dichloropropene	10.47	75	2257	0.422	ug/l	92
54) cis-1,3-Dichloropropene	9.94	75	2873	0.496	ug/l #	87
55) 1,1,2-Trichloroethane	10.65	97	1925	0.554	ug/l #	90
56) Ethyl methacrylate	10.52	69	2680	0.438	ug/l #	83
57) 1,3-Dichloropropane	10.80	76	3153	0.531	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	7201	2.641	ug/l	97
59) 2-Hexanone	10.84	43	15668	2.334	ug/l	98
60) Dibromochloromethane	10.99	129	1574	0.428	ug/l	100
61) 1,2-Dibromoethane	11.09	107	1729	0.468	ug/l	88
64) Tetrachloroethene	10.72	164	1955	0.555	ug/l	90
65) Chlorobenzene	11.52	112	4345	0.486	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	1762	0.551	ug/l #	56
67) Ethyl Benzene	11.60	91	7943	0.497	ug/l	97
68) m/p-Xylenes	11.70	106	5607	0.920	ug/l	96
69) o-Xylene	12.03	106	3037	0.517	ug/l	91
70) Styrene	12.05	104	4522	0.447	ug/l	95
71) Bromoform	12.20	173	1499	0.568	ug/l #	99
73) Isopropylbenzene	12.33	105	6781	0.454	ug/l	96
74) N-amyl acetate	12.14	43	3223	0.453	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.58	83	2584	0.507	ug/l	90
76) 1,2,3-Trichloropropane	12.64	75	2576m	0.554	ug/l	
77) Bromobenzene	12.61	156	1851	0.528	ug/l	90
78) n-propylbenzene	12.67	91	8204	0.470	ug/l	99
79) 2-Chlorotoluene	12.76	91	5059	0.504	ug/l	93
80) 1,3,5-Trimethylbenzene	12.81	105	5839	0.468	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	1146m	0.508	ug/l	
82) 4-Chlorotoluene	12.86	91	5381	0.529	ug/l	100
83) tert-Butylbenzene	13.08	119	5042	0.465	ug/l	91
84) 1,2,4-Trimethylbenzene	13.12	105	5341	0.429	ug/l	94
85) sec-Butylbenzene	13.25	105	6745	0.452	ug/l	89
86) p-Isopropyltoluene	13.37	119	5600	0.426	ug/l	95
87) 1,3-Dichlorobenzene	13.37	146	3354	0.528	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	4173m	0.631	ug/l	
89) n-Butylbenzene	13.69	91	5693	0.460	ug/l	97
90) Hexachloroethane	13.96	117	1282	0.516	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	3147	0.490	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.36	75	1104	0.694	ug/l	63

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0.5PPBMDL

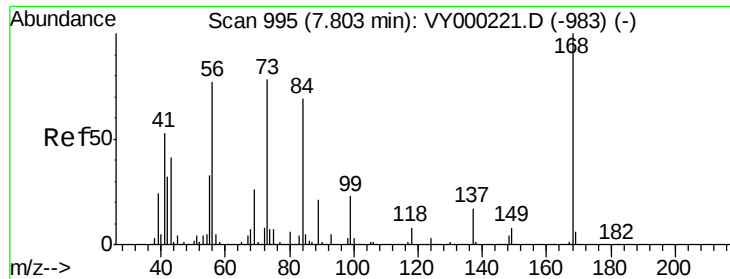
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	2409	0.552	ug/l	96
94) Hexachlorobutadiene	15.11	225	849	0.407	ug/l	70
95) Naphthalene	15.23	128	8733	0.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	2689	0.641	ug/l	82

(#) = 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: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion:168 Resp: 263699

Ion Ratio Lower Upper

168 100

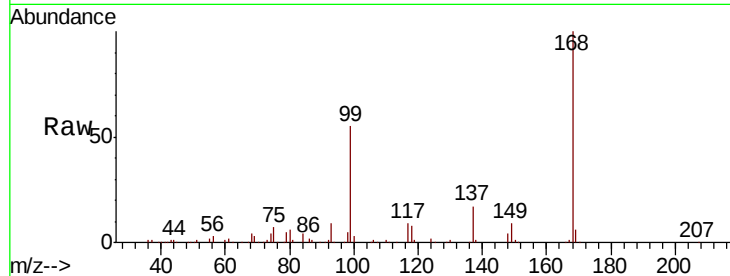
99 55.4 45.0 67.6

Manual Integrations

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

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

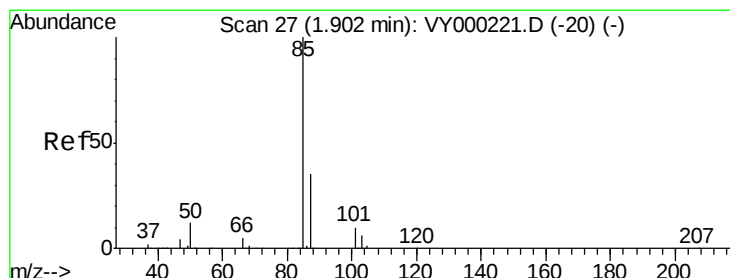
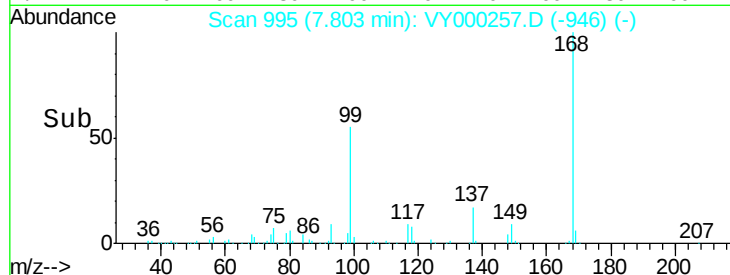
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.471 ug/l

RT: 1.90 min Scan# 26

Delta R.T. -0.01 min

Lab File: VY000257.D

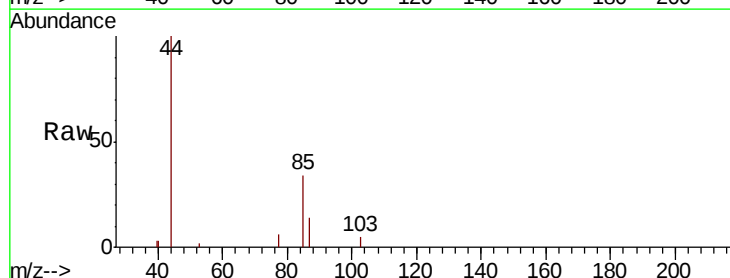
Acq: 10 Oct 2019 16:45

Tgt Ion: 85 Resp: 1239

Ion Ratio Lower Upper

85 100

87 40.0 17.4 52.2



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

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

1.90

1000

800

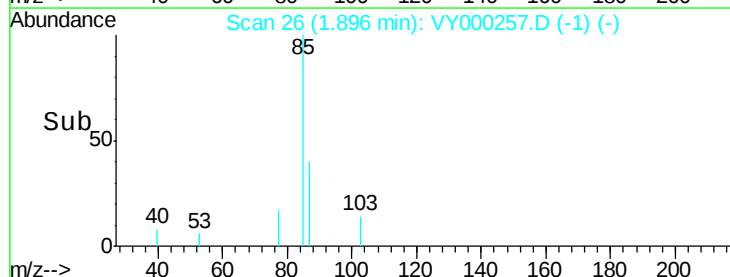
600

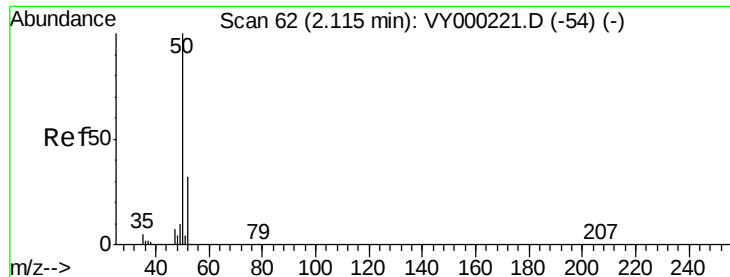
400

200

0

Time-->





#3

Chloromethane

Concen: 0.590 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 50 Resp: 2115

Ion Ratio Lower Upper

50 100

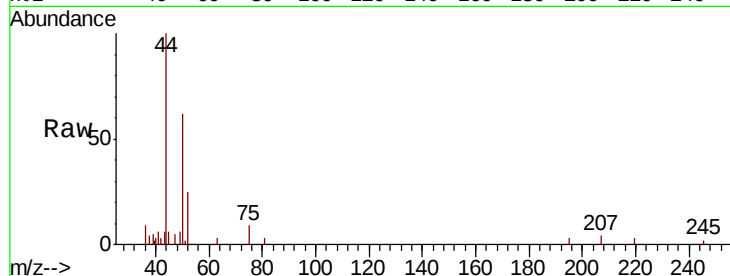
52 41.0 25.4 38.0#

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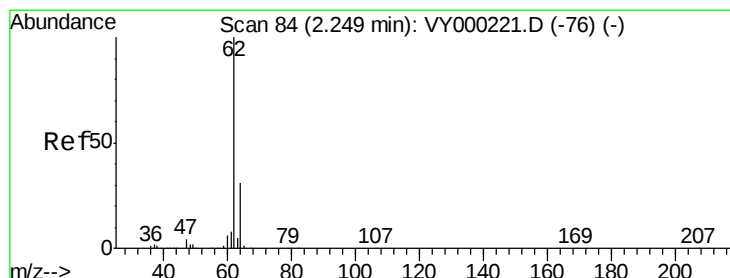
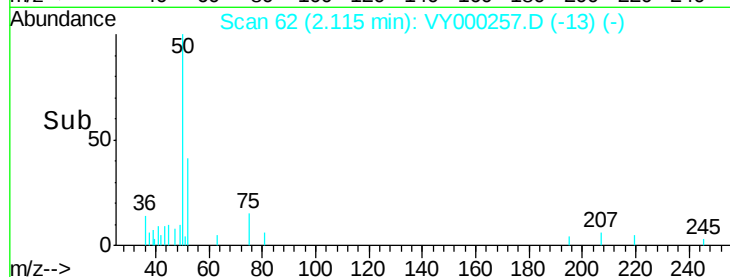
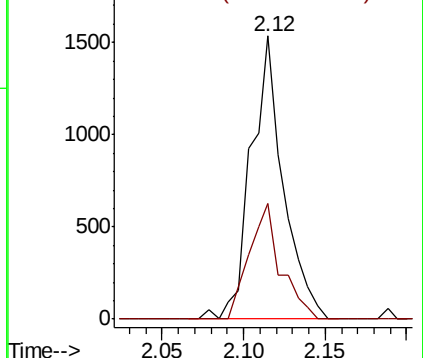
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 0.455 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000257.D

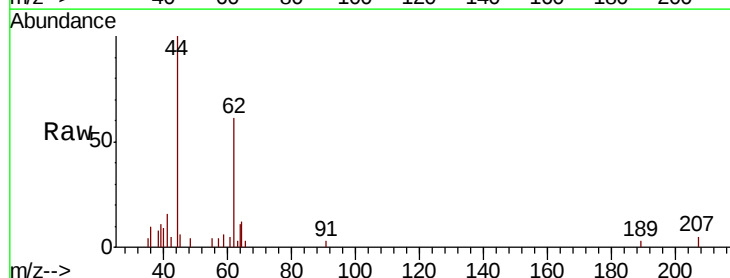
Acq: 10 Oct 2019 16:45

Tgt Ion: 62 Resp: 1684

Ion Ratio Lower Upper

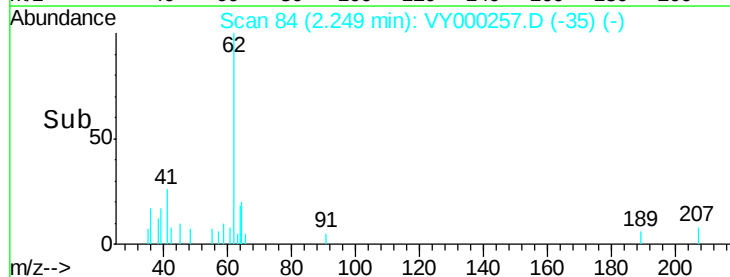
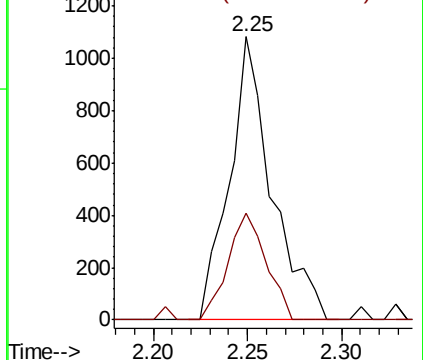
62 100

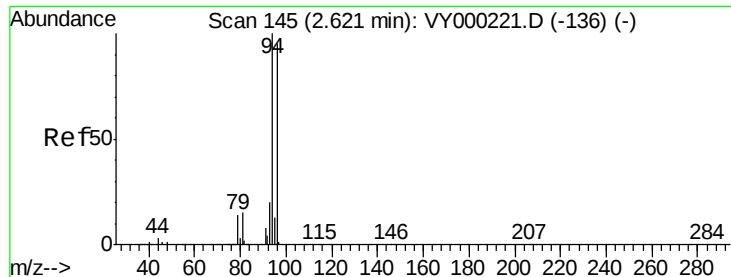
64 37.8 25.0 37.6#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 0.737 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.03 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 94 Resp: 1722

Ion Ratio Lower Upper

94 100

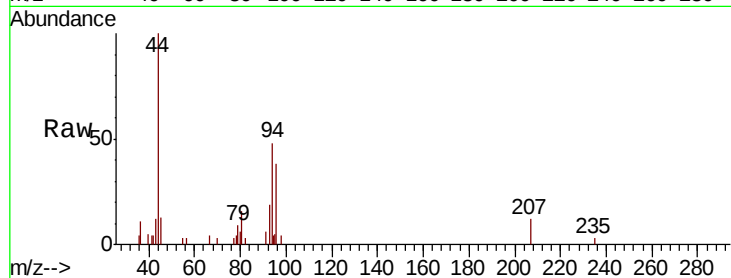
96 77.9 75.7 113.5

Manual Integrations

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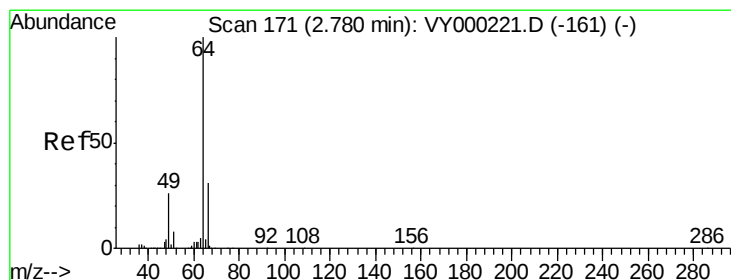
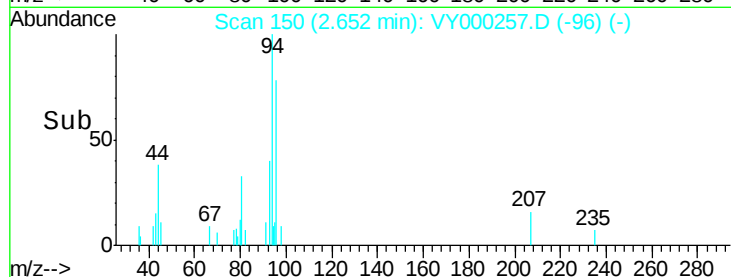
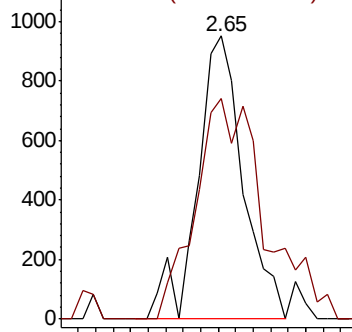
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 0.538 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.01 min

Lab File: VY000257.D

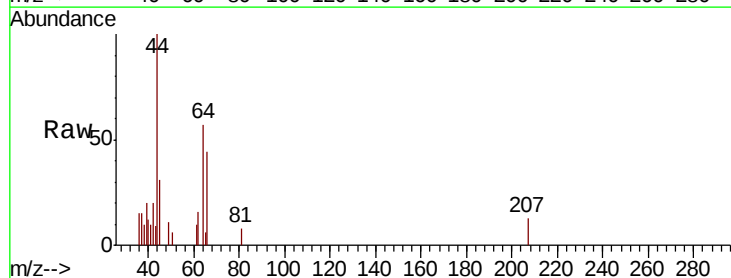
Acq: 10 Oct 2019 16:45

Tgt Ion: 64 Resp: 1258

Ion Ratio Lower Upper

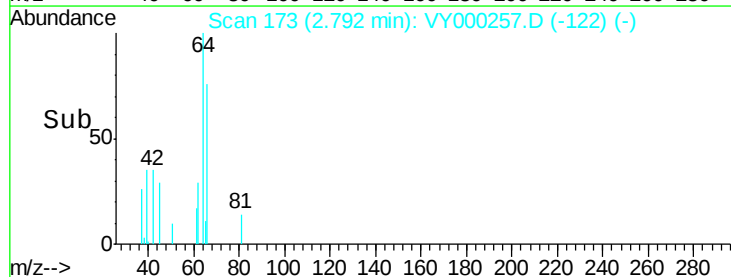
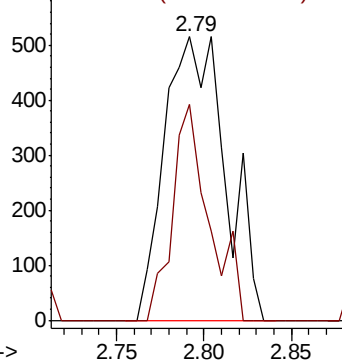
64 100

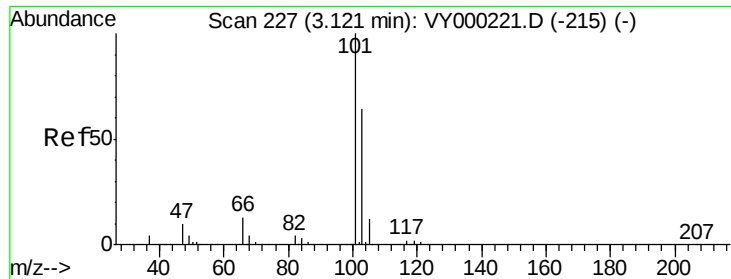
66 76.3 24.5 36.7#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

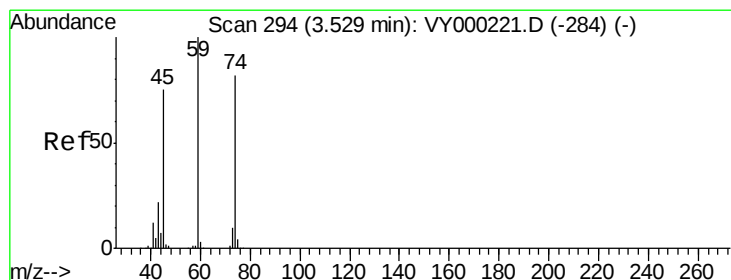
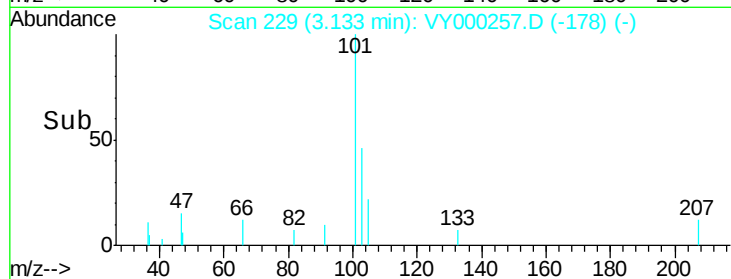
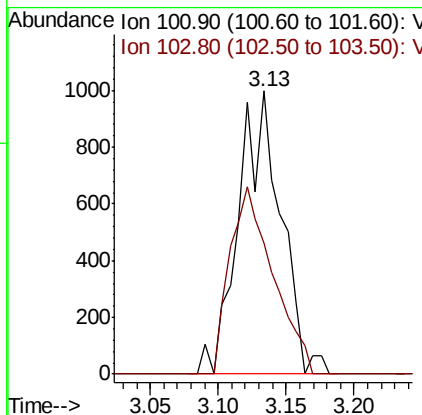
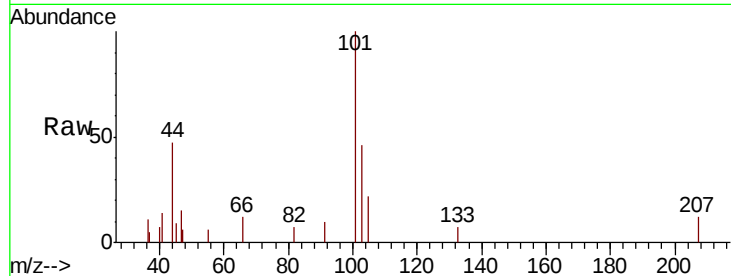
Trichlorofluoromethane
 Concen: 0.454 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	46.5	51.0	76.6#

Manual Integrations
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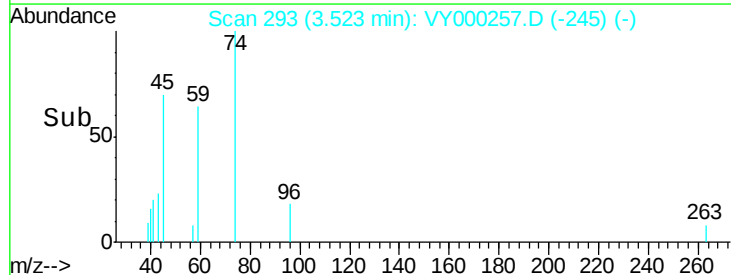
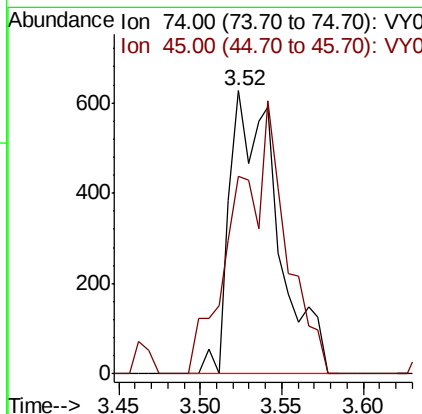
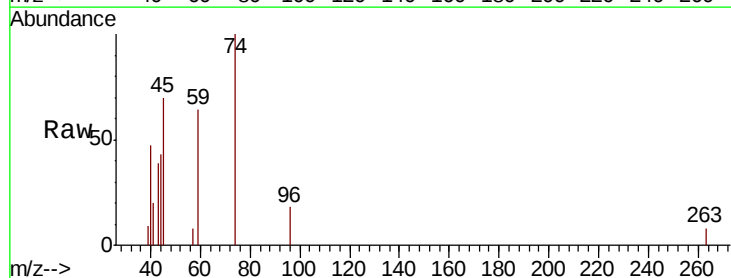
MMDadoda
 10/14/2019 1:33:37 PM

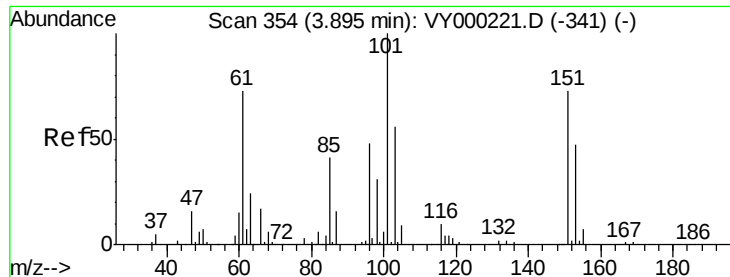


#8

Diethyl Ether
 Concen: 0.587 ug/l
 RT: 3.52 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.9	45.8	137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.521 ug/l m

RT: 3.91 min Scan# 357

Delta R.T. 0.02 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

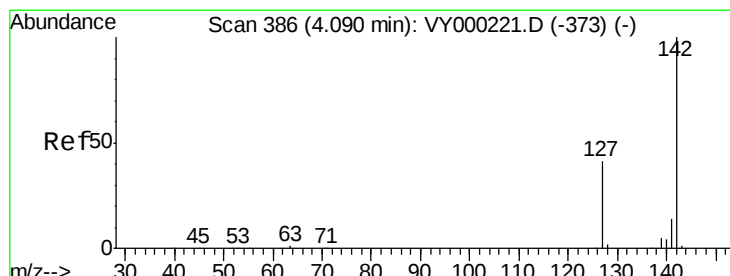
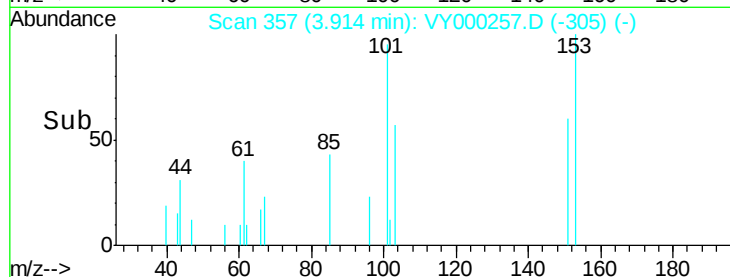
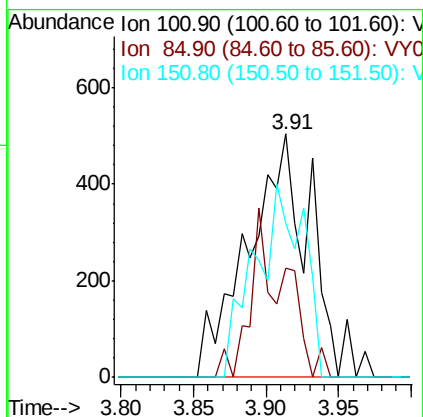
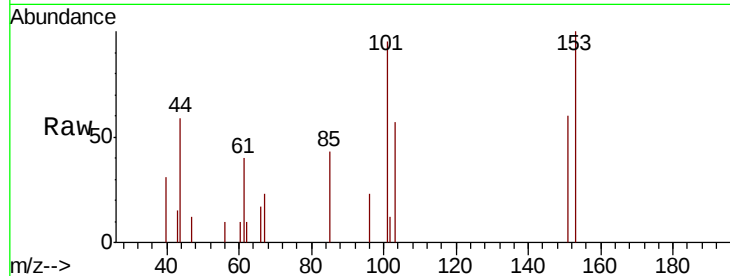
ClientSampleId :

0.5PPBMDL

Tot Ion:	101	Resp:	1454
Ion Ratio	Lower	Upper	
101	100		
85	23.8	37.0	55.6#
151	64.4	63.0	94.4

Manual Integrations
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#10

Methyl Iodide

Concen: 0.309 ug/l m

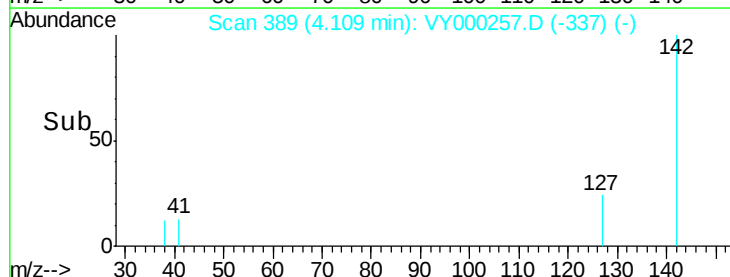
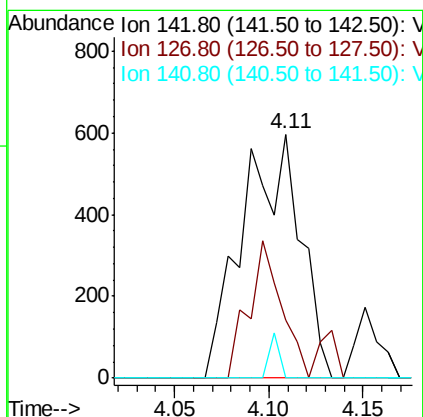
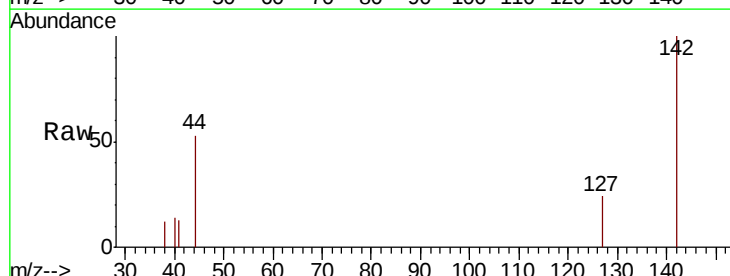
RT: 4.11 min Scan# 389

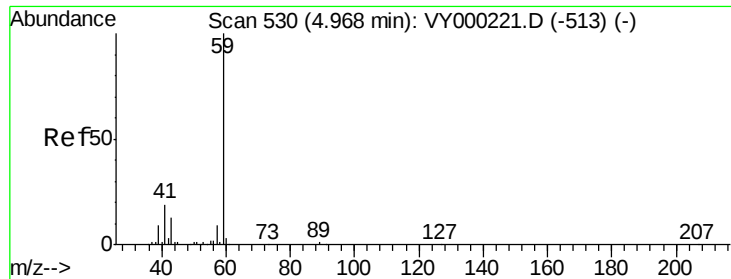
Delta R.T. 0.02 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Tgt Ion:	142	Resp:	1271
Ion Ratio	Lower	Upper	
142	100		
127	32.0	33.0	49.6#
141	3.2	11.0	16.4#





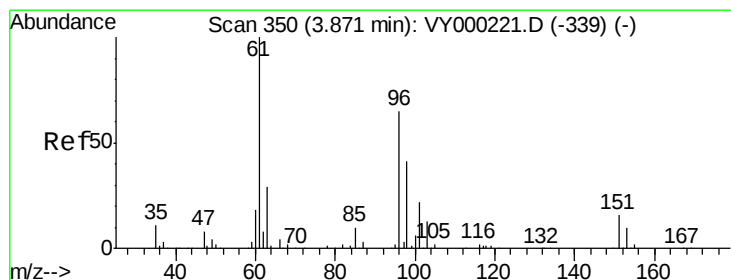
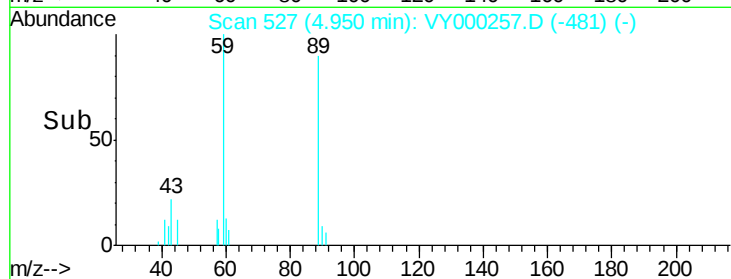
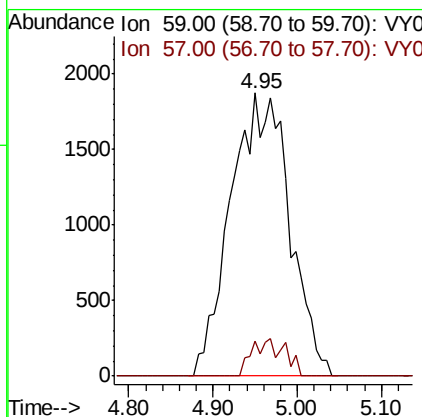
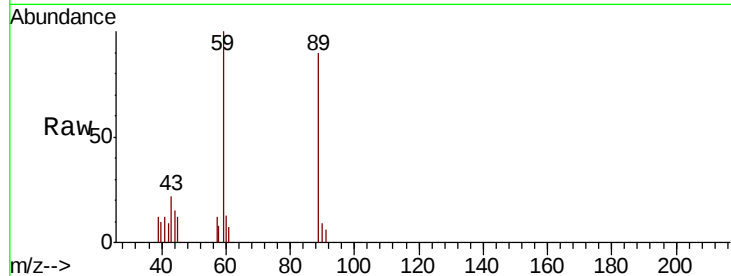
#11
Tert butyl alcohol
Concen: 4.930 ug/l m
RT: 4.95 min Scan# 527
Delta R.T. -0.02 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion: 59 Resp: 9084
Ion Ratio Lower Upper
59 100
57 7.4 8.0 12.0#

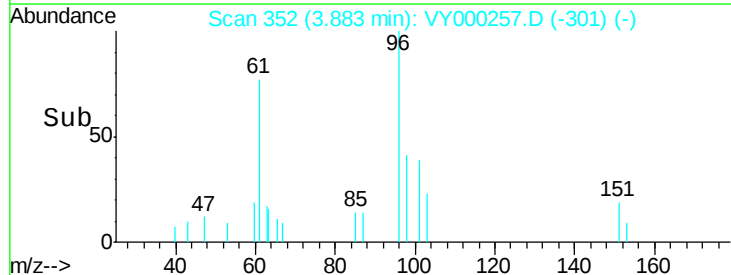
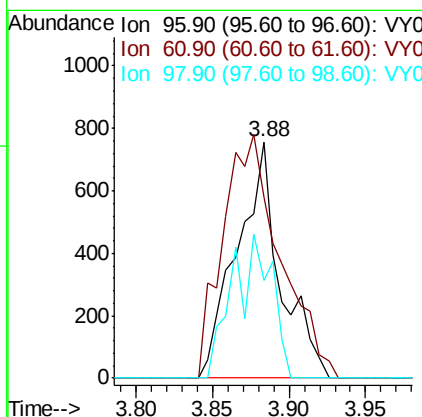
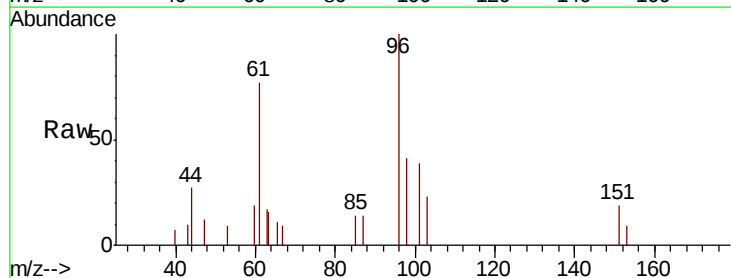
Manual Integrations
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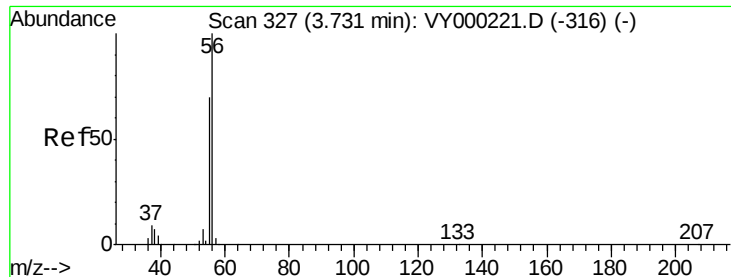
MMDadoda
10/14/2019 1:33:37 PM



#12
1,1-Dichloroethene
Concen: 0.515 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion: 96 Resp: 1492
Ion Ratio Lower Upper
96 100
61 76.5 123.8 185.8#
98 41.4 50.9 76.3#





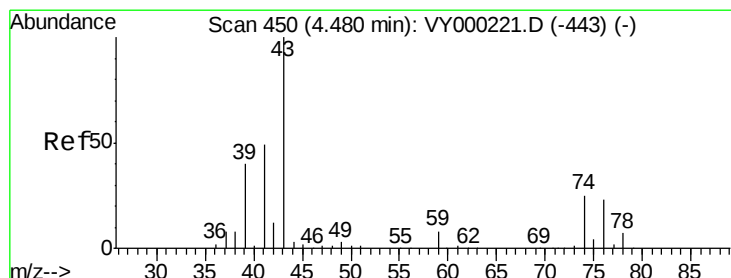
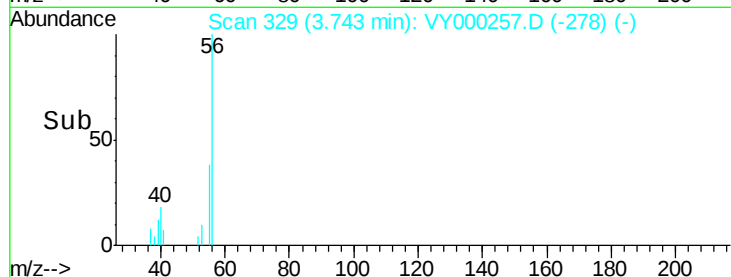
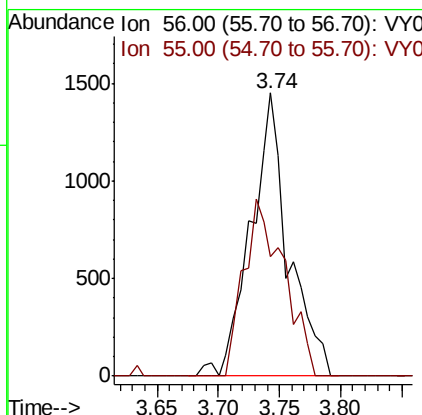
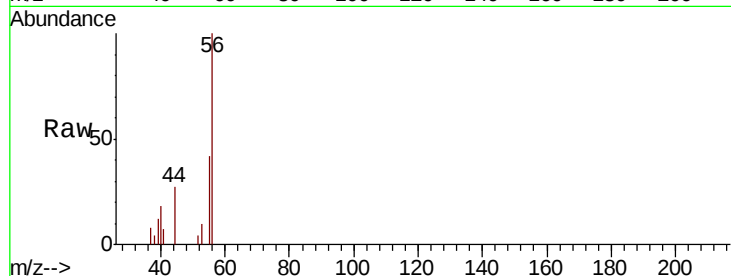
#13
Acrolein
Concen: 3.207 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
56	100		
55	66.6	55.2	82.8

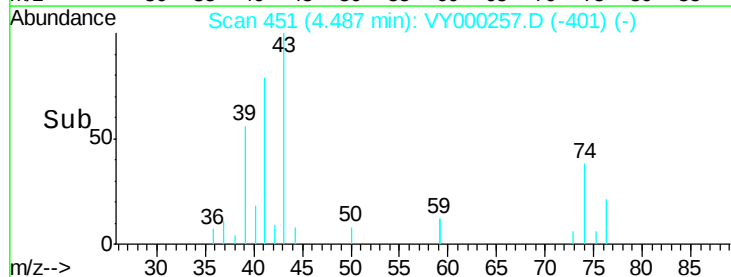
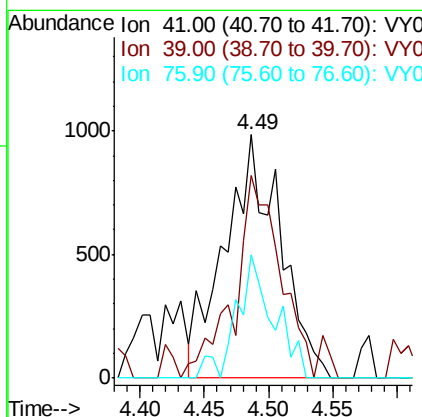
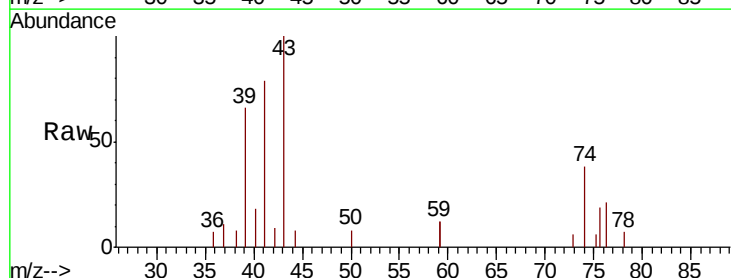
Manual Integrations
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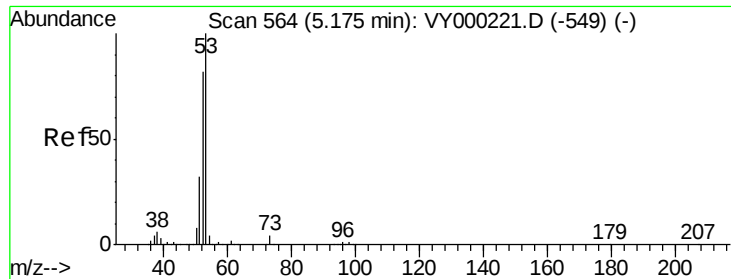
MMDadoda
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#14
Allyl chloride
Concen: 0.604 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.2	56.4	84.6
76	33.8	30.8	46.2





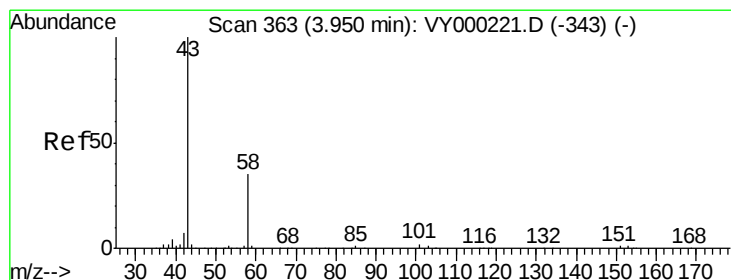
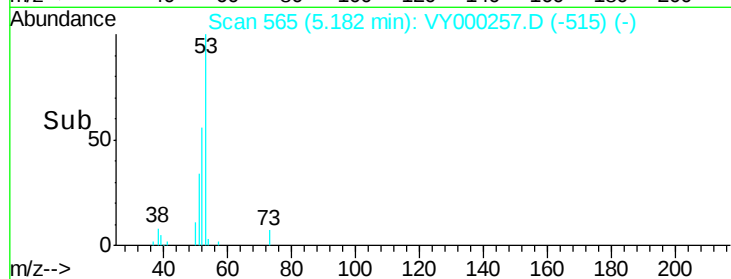
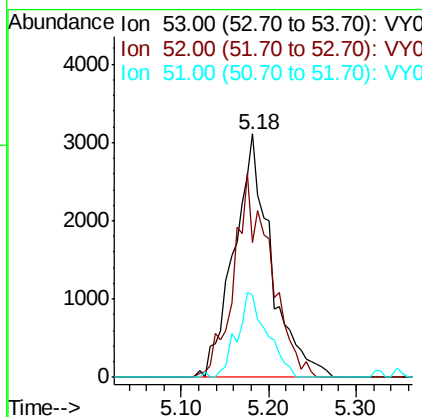
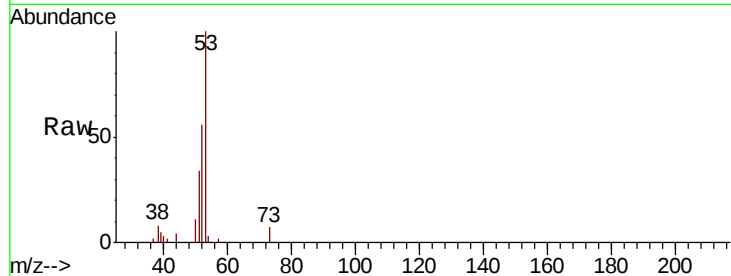
#15
 Acrylonitrile
 Concen: 2.799 ug/l
 RT: 5.18 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.4	98.2
51	28.2	27.2	40.8

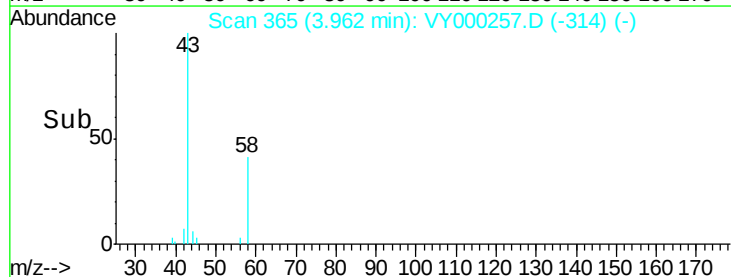
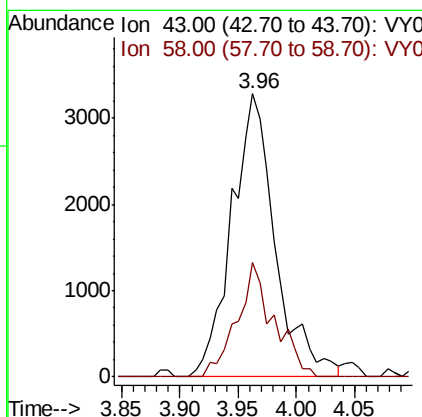
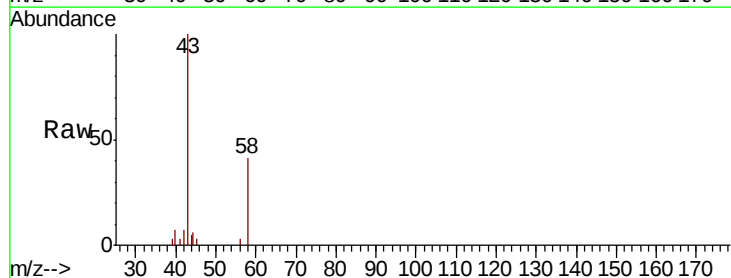
Manual Integrations
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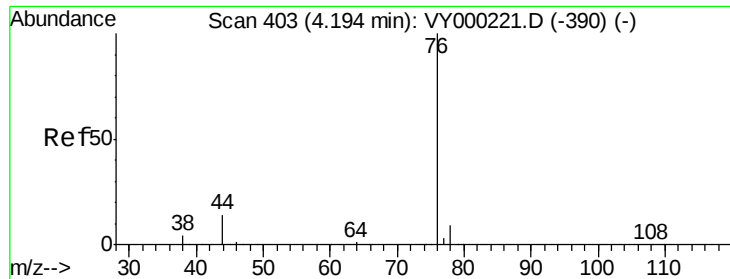
MMDadoda
 10/14/2019 1:33:37 PM



#16
 Acetone
 Concen: 3.203 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.5	28.2	42.4





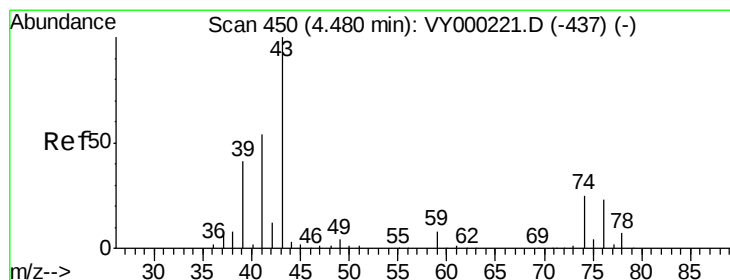
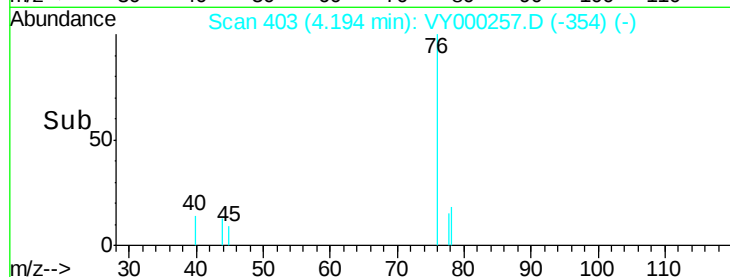
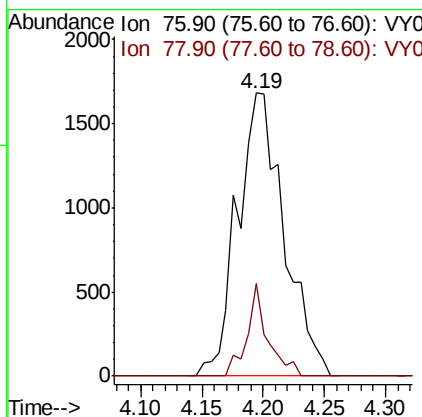
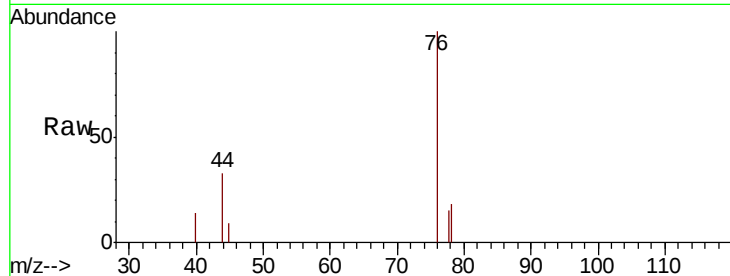
#17
Carbon Disulfide
Concen: 0.522 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion: 76 Resp: 4461
Ion Ratio Lower Upper
76 100
78 32.9 7.0 10.6#

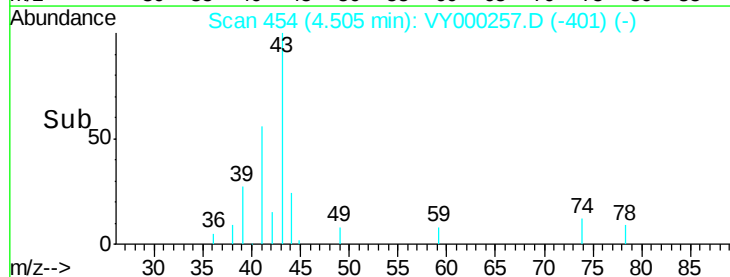
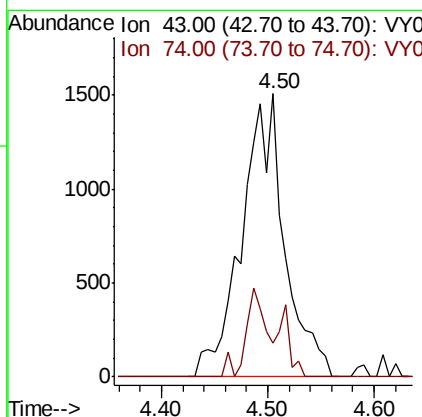
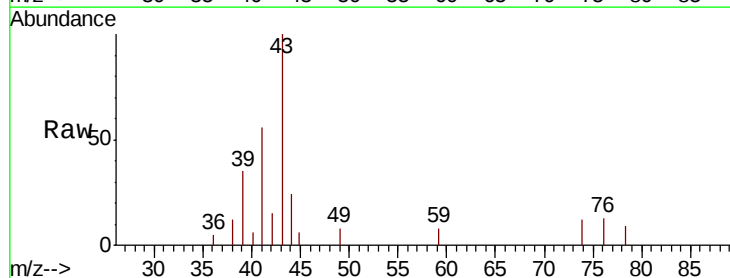
Manual Integrations
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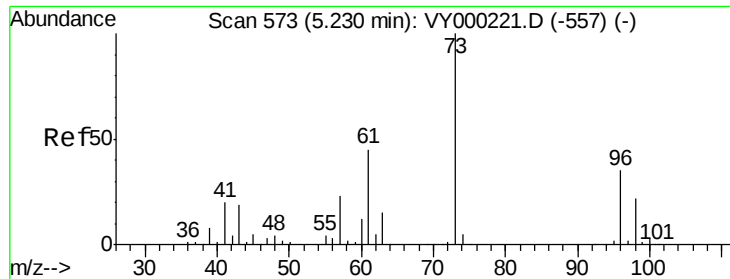
MMDadoda
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#18
Methyl Acetate
Concen: 0.575 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.02 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion: 43 Resp: 4231
Ion Ratio Lower Upper
43 100
74 6.6 19.1 28.7#





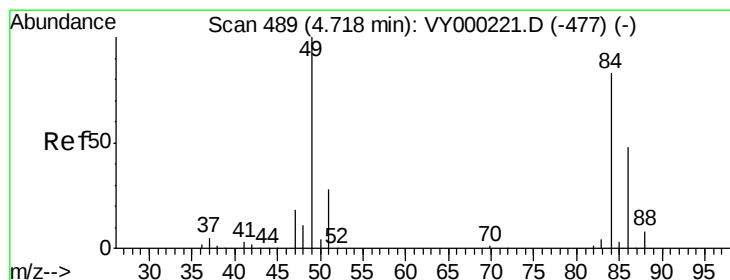
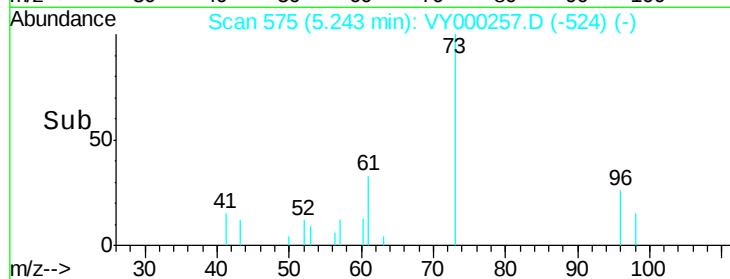
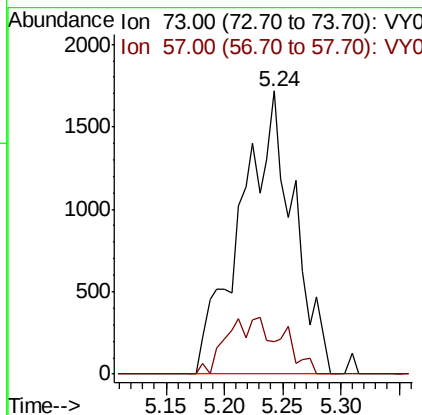
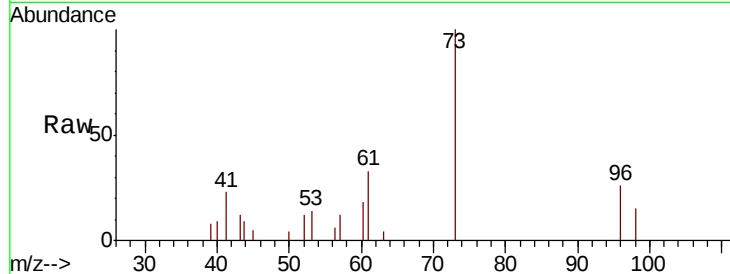
#19
Methvl tert-butvl Ether
Concen: 0.510 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion: 73 Resp: 5405
Ion Ratio Lower Upper
73 100
57 11.7 18.4 27.6#

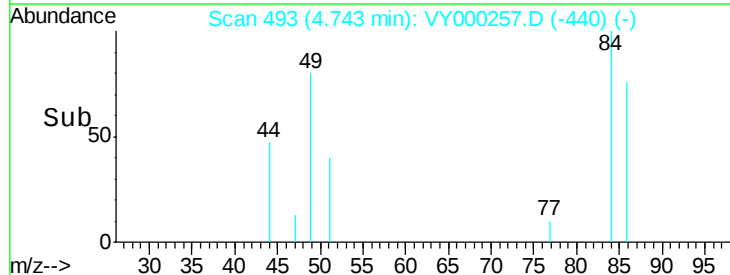
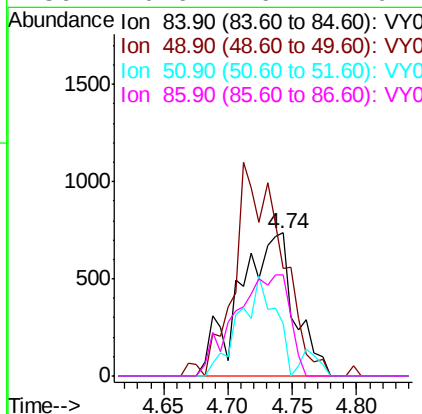
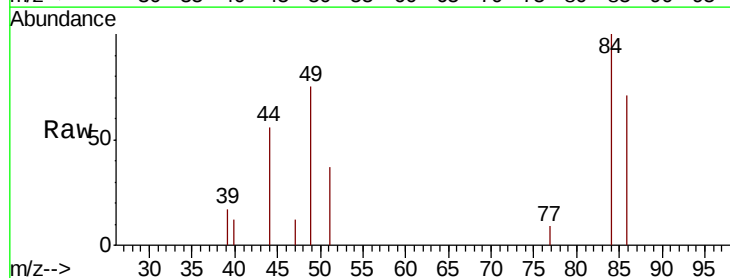
Manual Integrations
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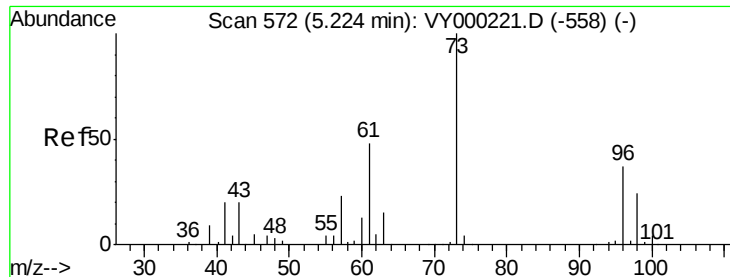
MMDadoda
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#20
Methylene Chloride
Concen: 0.620 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.02 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion: 84 Resp: 2188
Ion Ratio Lower Upper
84 100
49 74.8 96.2 144.2#
51 36.9 26.6 39.8
86 70.6 46.7 70.1#





#21

trans-1,2-Dichloroethene

Concen: 0.519 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

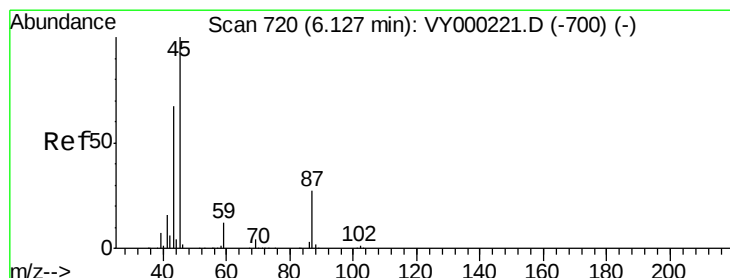
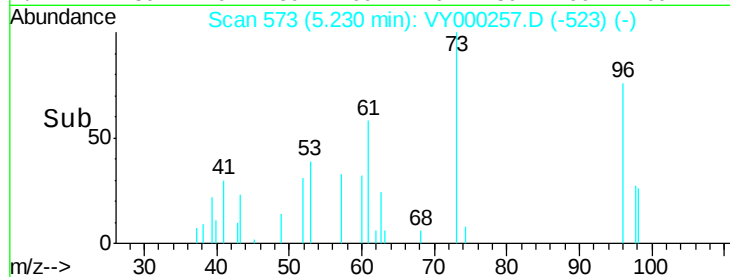
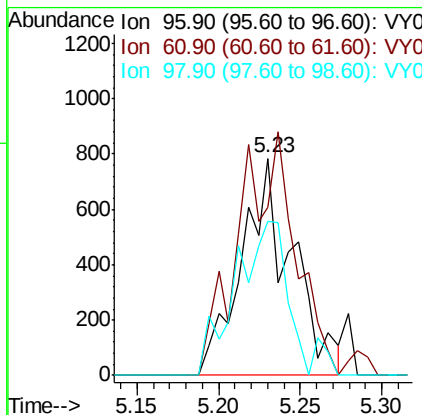
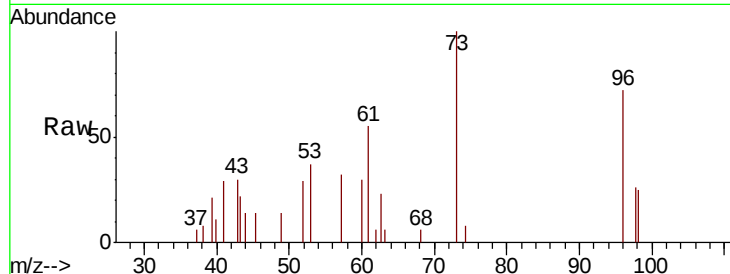
ClientSampleId :

0.5PPBMDL

Tot Ion:	96	Resp:	1693
Ion	Ratio	Lower	Upper
96	100		
61	77.3	104.2	156.2#
98	70.7	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 0.504 ug/l m

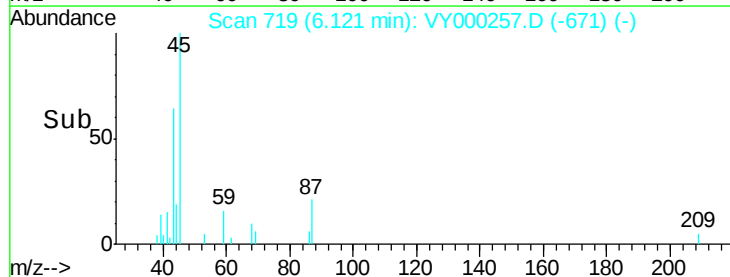
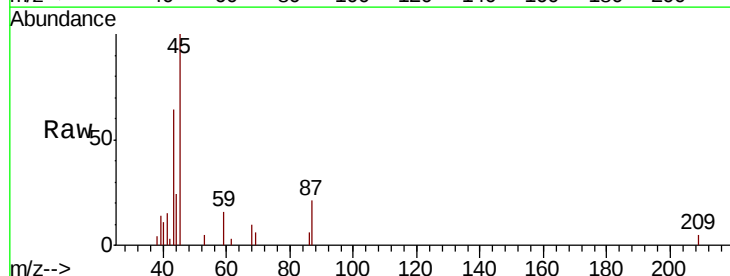
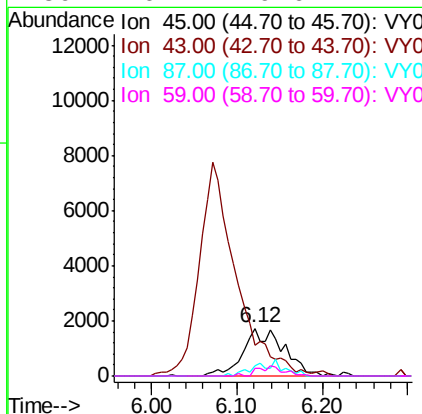
RT: 6.12 min Scan# 719

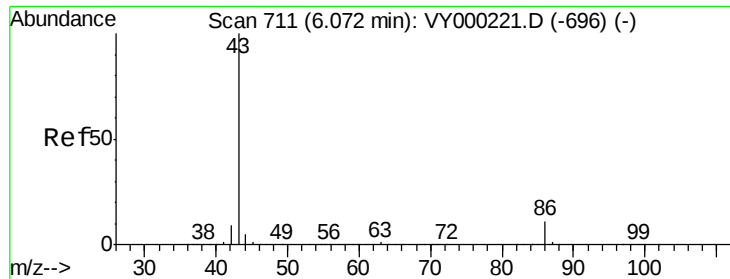
Delta R.T. -0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Tgt Ion:	45	Resp:	5702
Ion	Ratio	Lower	Upper
45	100		
43	64.0	53.4	80.2
87	20.8	21.7	32.5#
59	16.1	9.6	14.4#





#23

Vinyl Acetate

Concen: 2.290 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 43 Resp: 23473

Ion Ratio Lower Upper

43 100

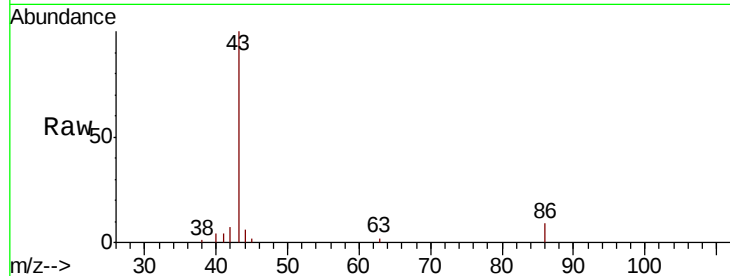
86 9.2 8.5 12.7

Manual Integrations

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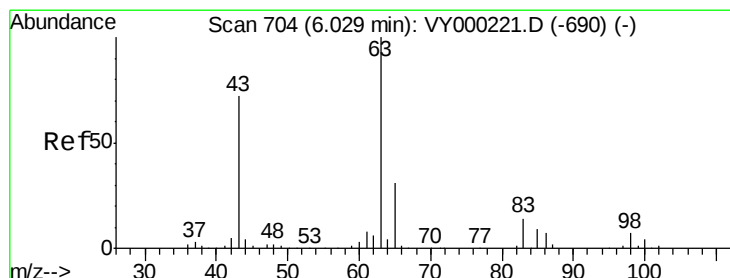
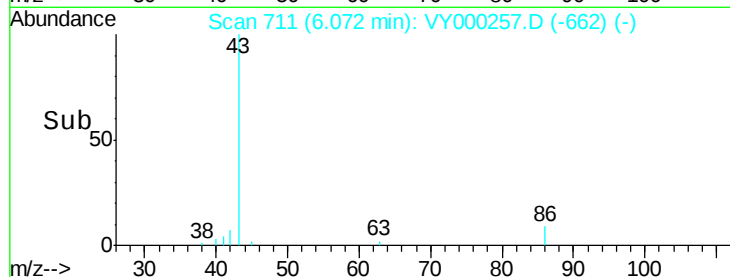
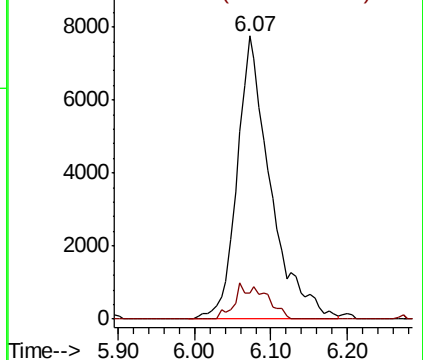
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 0.492 ug/l m

RT: 6.05 min Scan# 707

Delta R.T. 0.02 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

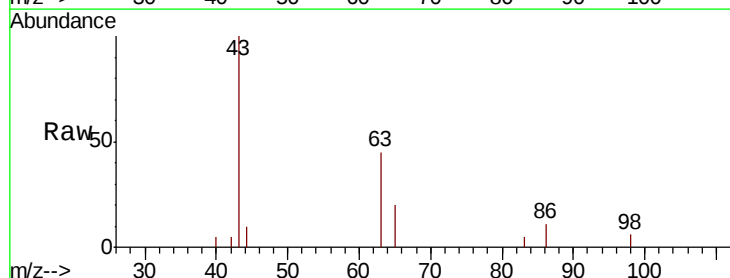
Tgt Ion: 63 Resp: 2841

Ion Ratio Lower Upper

63 100

98 12.7 3.5 10.6#

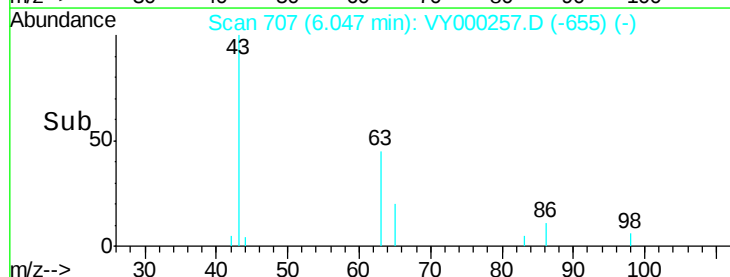
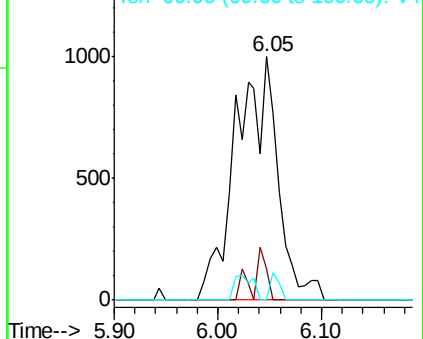
100 0.0 2.1 6.5#

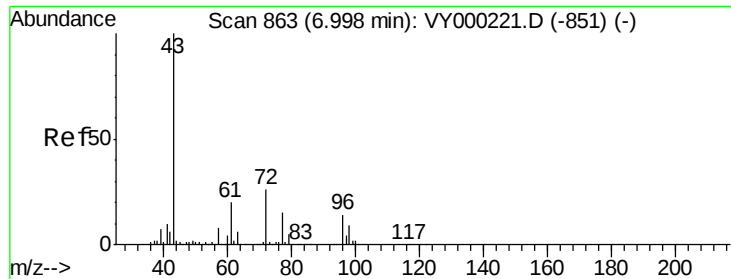


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 2.518 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 43 Resp: 12515

Ion Ratio Lower Upper

43 100

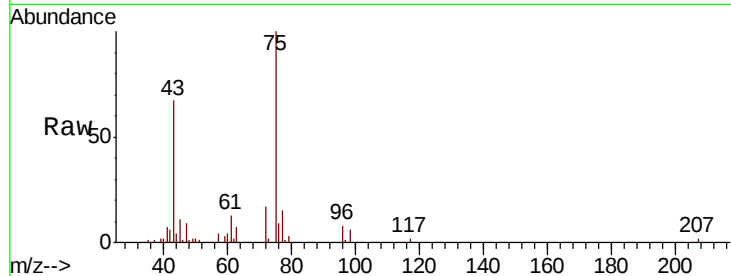
72 26.0 20.6 31.0

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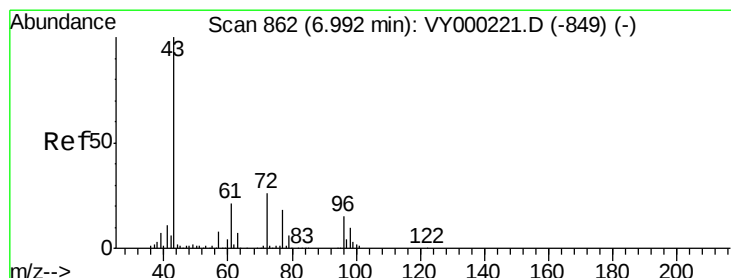
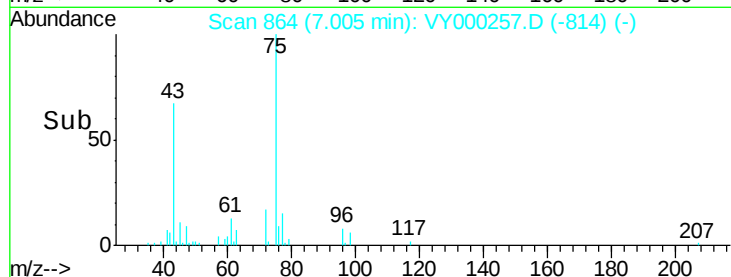
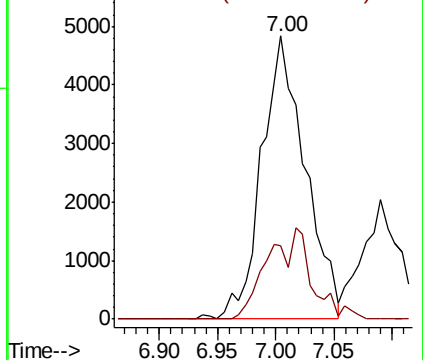
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 0.730 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000257.D

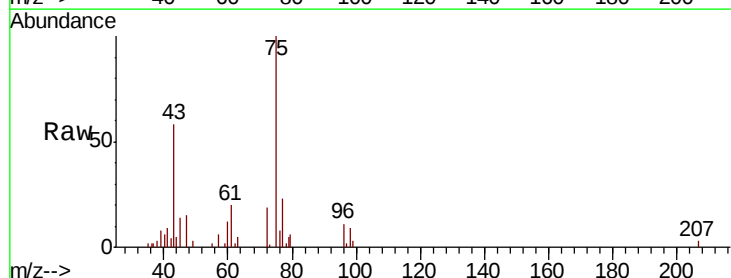
Acq: 10 Oct 2019 16:45

Tgt Ion: 77 Resp: 3804

Ion Ratio Lower Upper

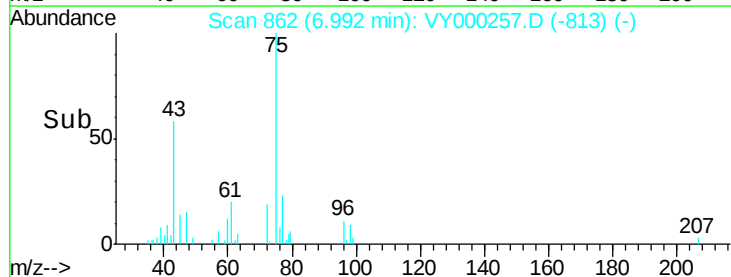
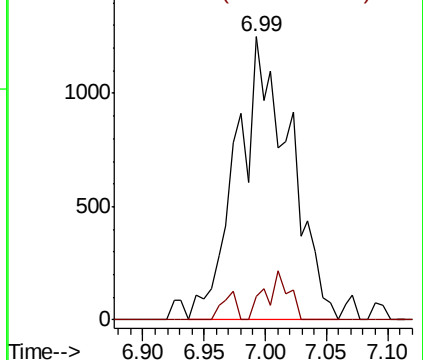
77 100

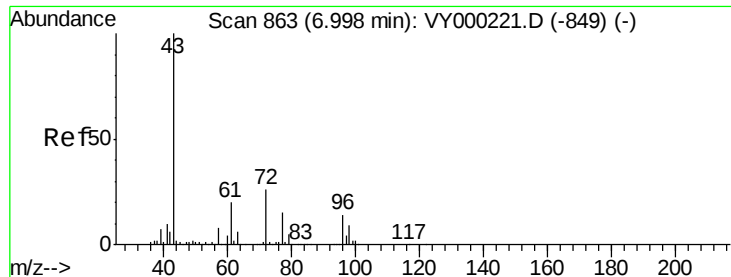
97 2.7 11.7 35.0#



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

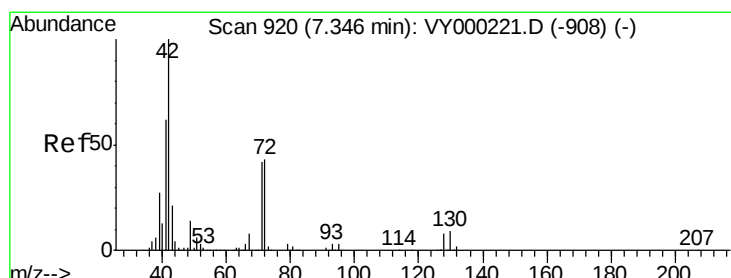
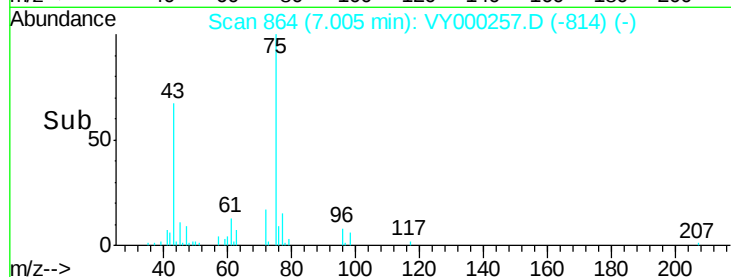
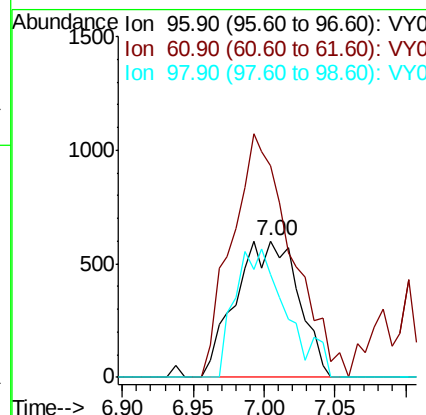
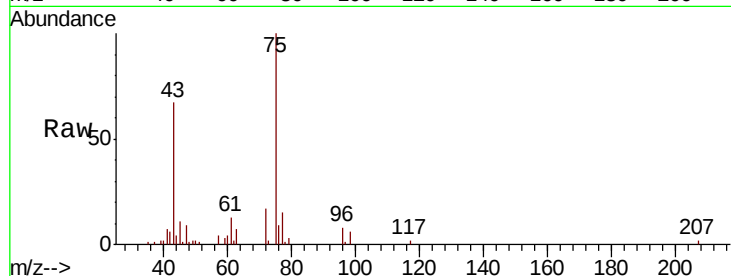
cis-1,2-Dichloroethene
Concen: 0.482 ug/l m
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Resp	Lower	Upper
96	100	1853		
61	169.6	0.0	282.6	
98	77.6	0.0	129.8	

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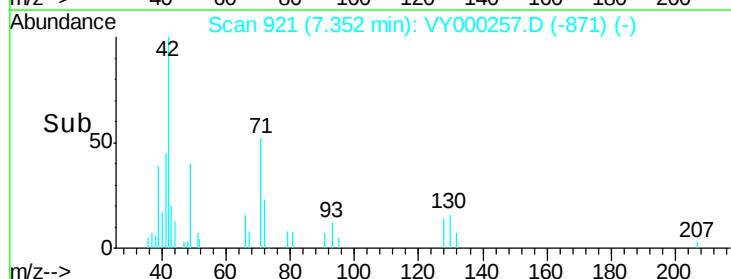
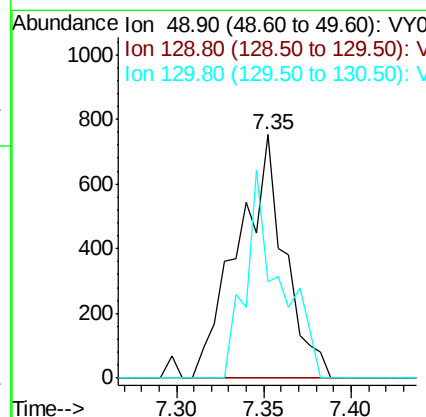
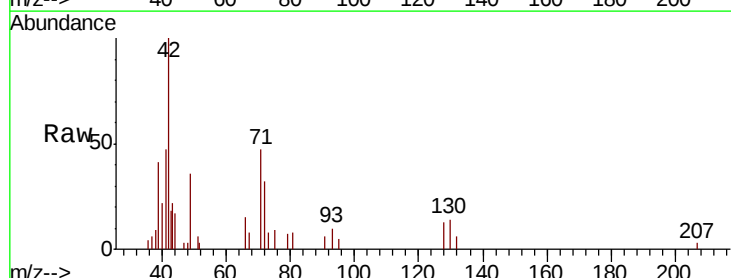
MMDadoda
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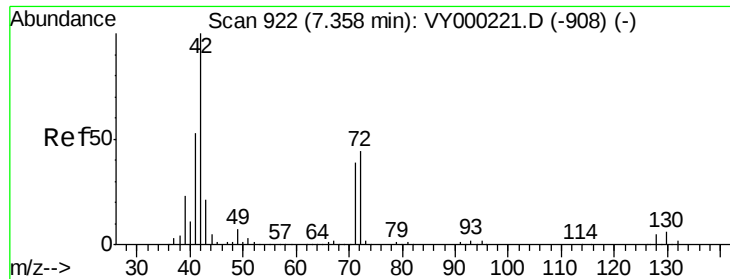


#28

Bromochloromethane
Concen: 0.738 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	1403		
129	0.0	0.0	3.2	
130	61.9	56.5	84.7	





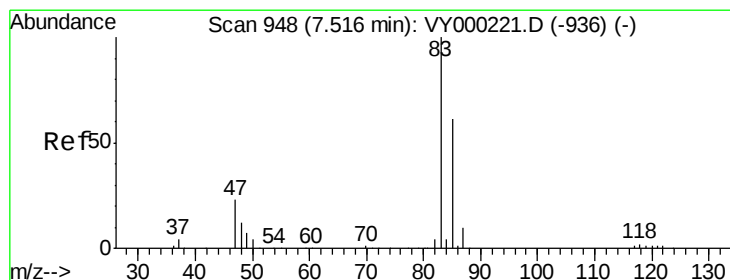
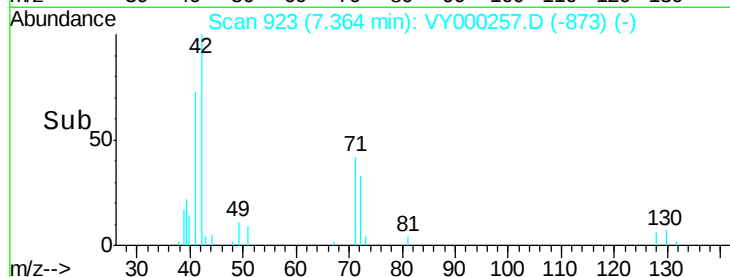
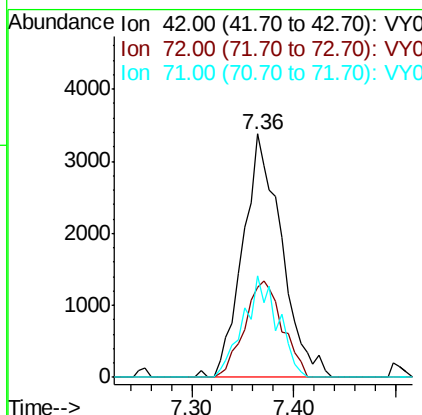
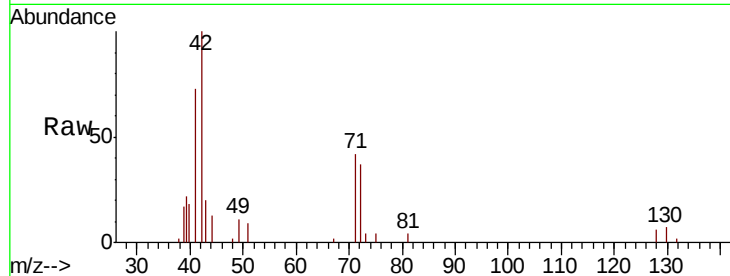
#29
Tetrahydrofuran
Concen: 2.532 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.8	34.6	51.8
71	37.2	31.9	47.9

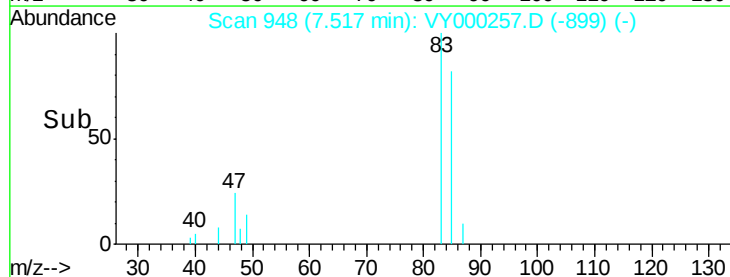
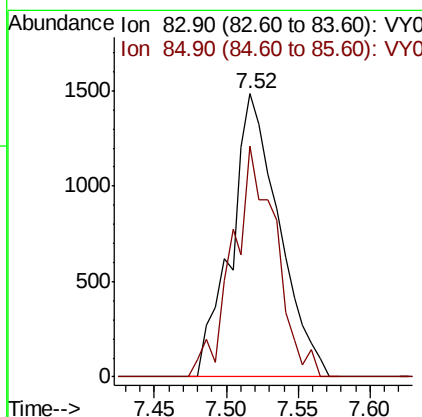
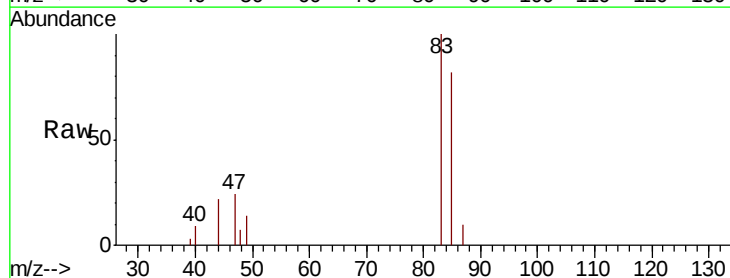
Manual Integrations
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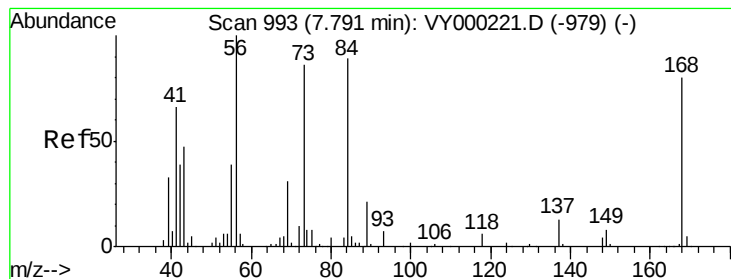
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#30
Chloroform
Concen: 0.572 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	81.7	48.9	73.3#





#31

Cyclohexane

Concen: 1.329 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

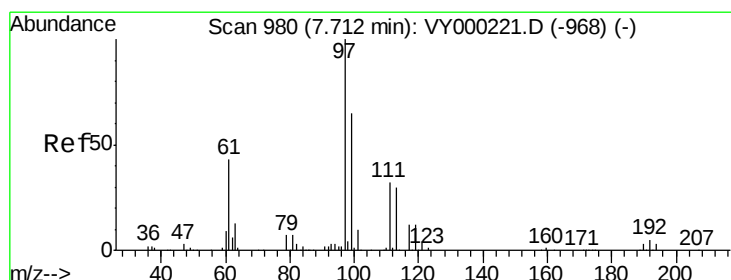
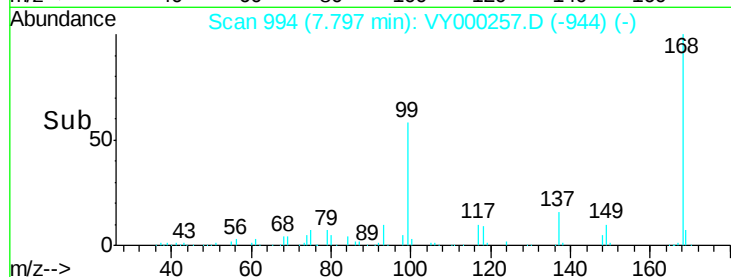
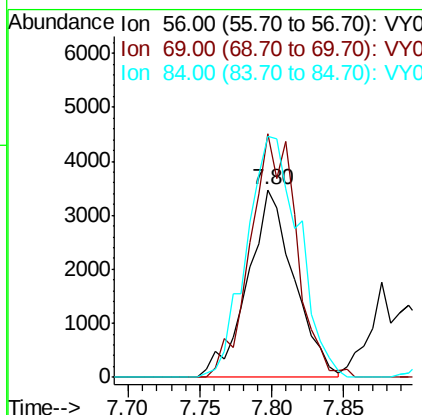
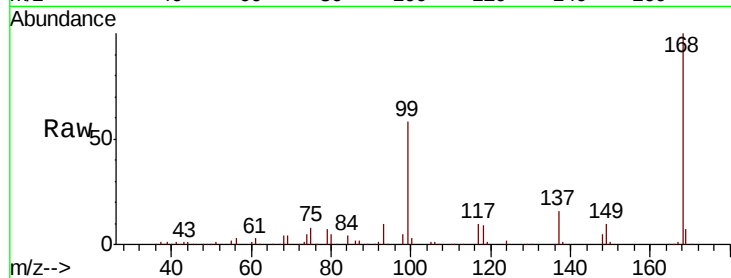
ClientSampleId :

0.5PPBMDL

Tot Ion:	56	Resp:	7748
Ion	Ratio	Lower	Upper
56	100		
69	129.6	24.7	37.1#
84	128.1	71.3	106.9#

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#32

1,1,1-Trichloroethane

Concen: 0.556 ug/l

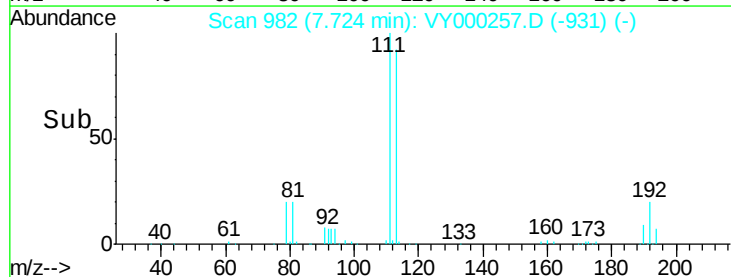
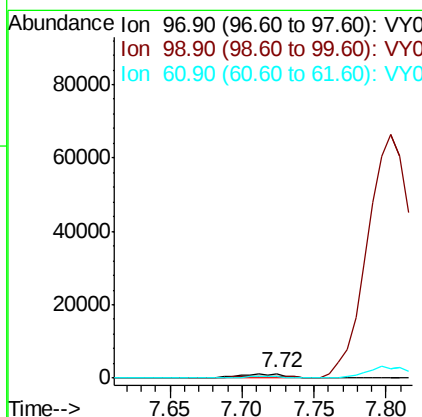
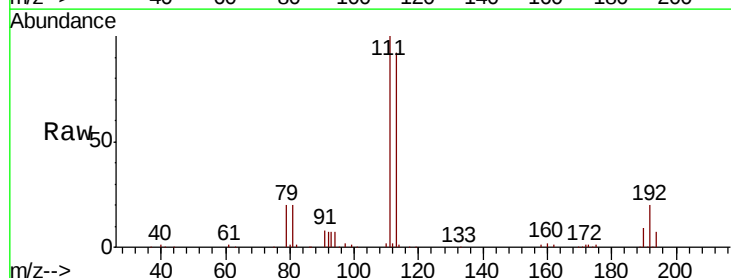
RT: 7.72 min Scan# 982

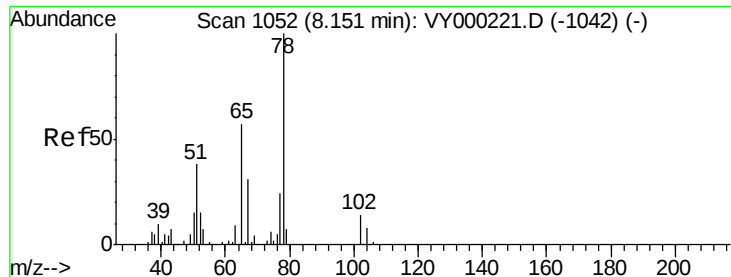
Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Tgt Ion:	97	Resp:	2832
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.2#
61	39.5	34.2	51.4





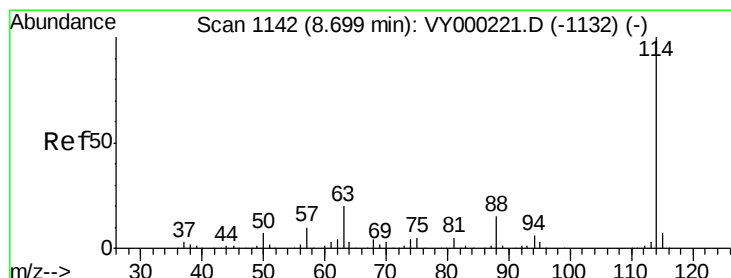
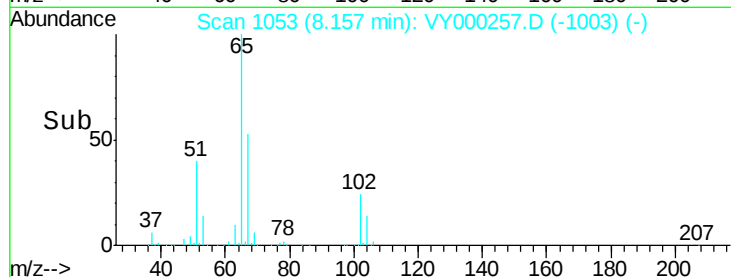
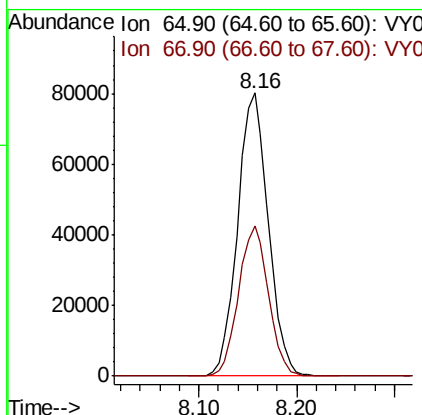
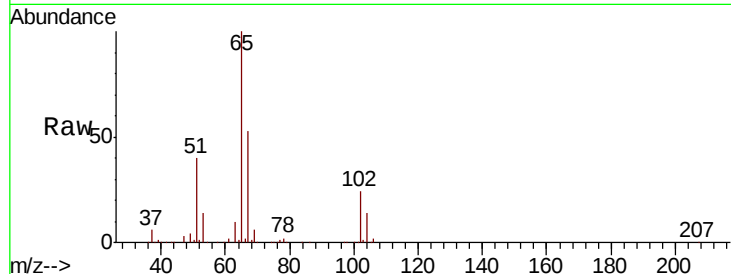
#33
 1,2-Dichloroethane-d4
 Concen: 51.300 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Tot Ion: 65 Resp: 173989
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 109.0

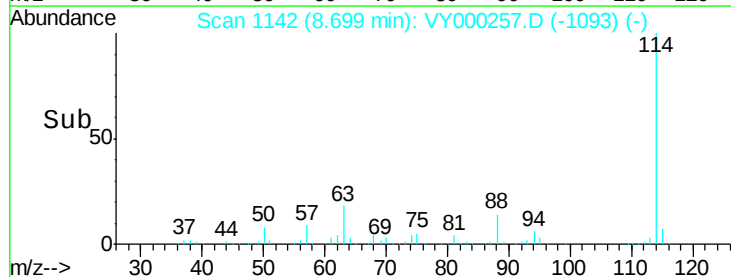
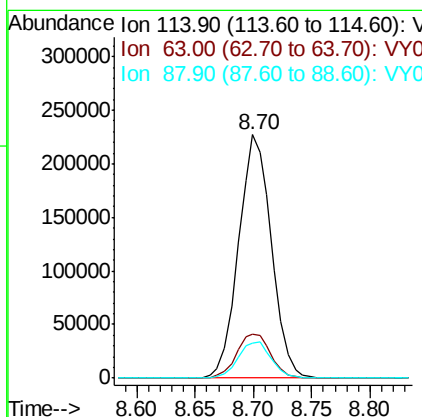
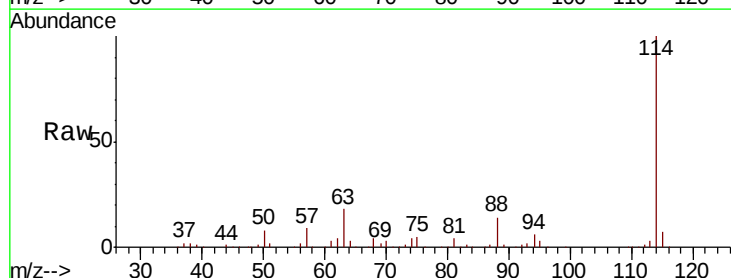
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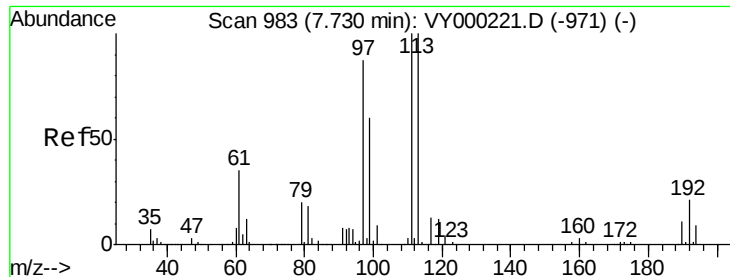
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Tgt Ion: 114 Resp: 445113
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.0
 88 14.2 0.0 30.6





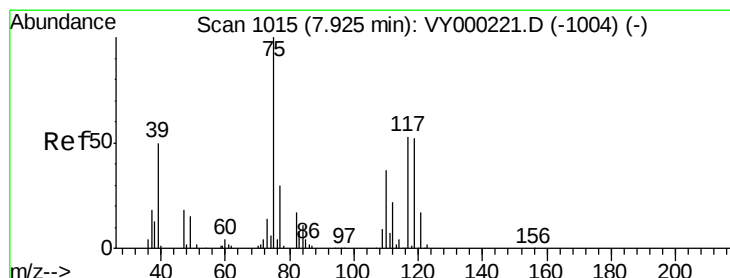
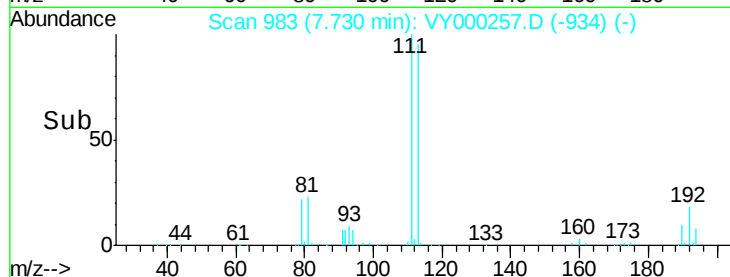
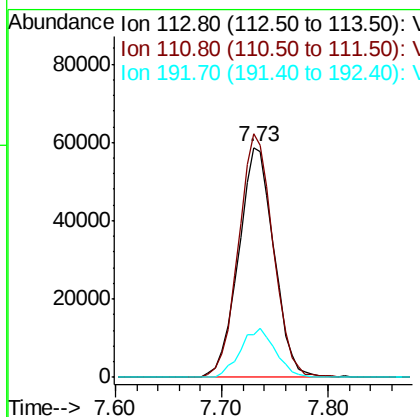
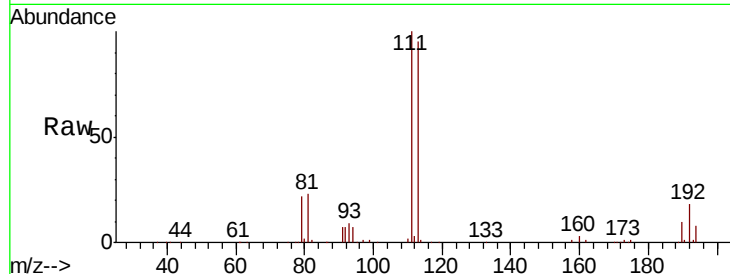
#35
 Dibromofluoromethane
 Concen: 49.342 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	124.0
192	21.2	15.8	23.8

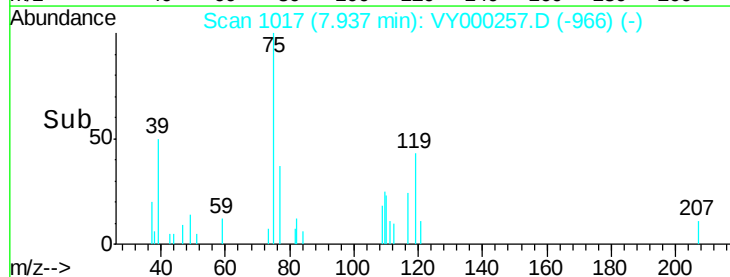
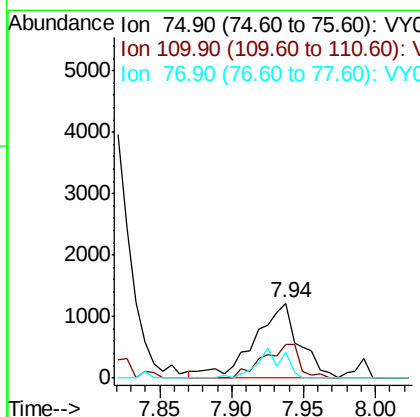
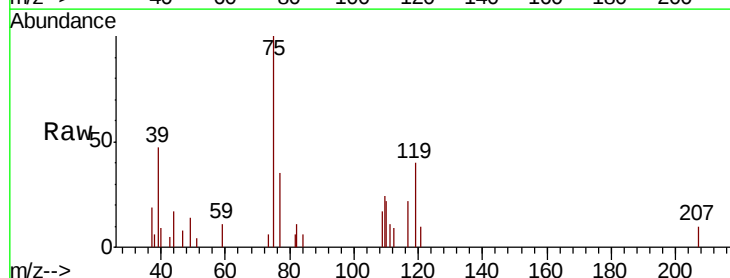
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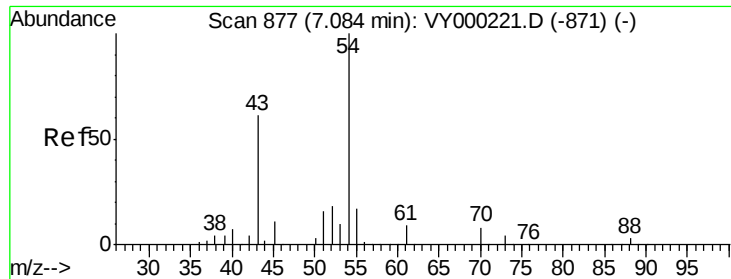
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#36
 1,1-Dichloropropene
 Concen: 0.584 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.4	55.2
77	23.4	24.7	37.1#





#37

Ethyl Acetate

Concen: 0.587 ug/l

RT: 7.09 min Scan# 878

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

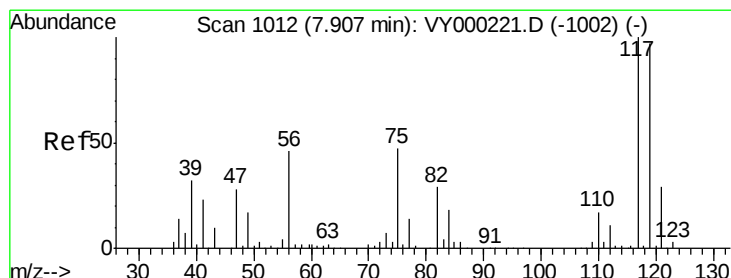
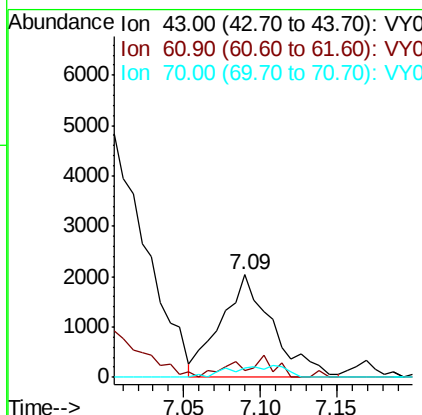
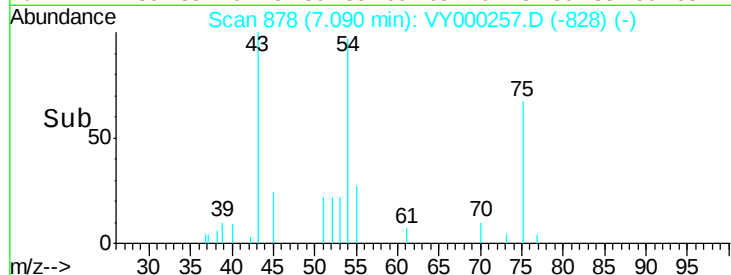
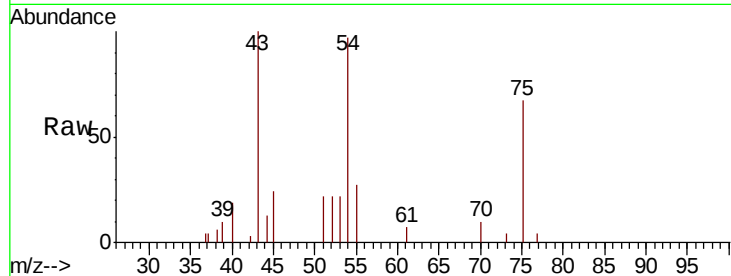
ClientSampleId :

0.5PPBMDL

Tot Ion:	43	Resp:	4805
Ion	Ratio	Lower	Upper
43	100		
61	7.8	11.1	16.7#
70	7.9	8.5	12.7#

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#38

Carbon Tetrachloride

Concen: 0.501 ug/l

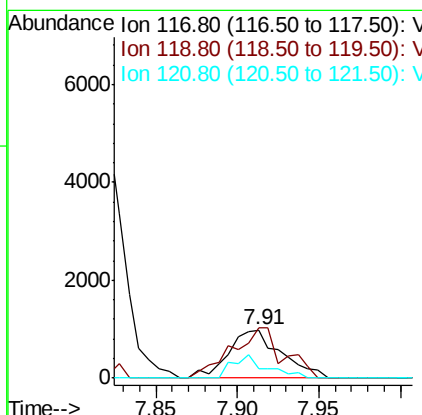
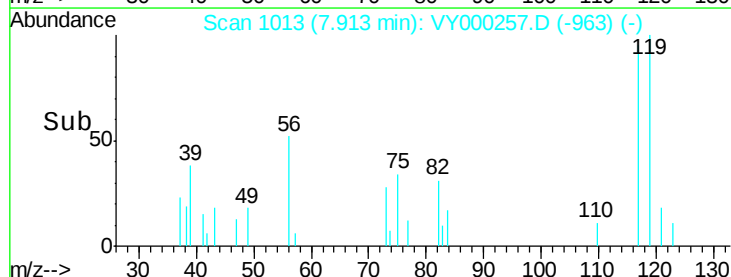
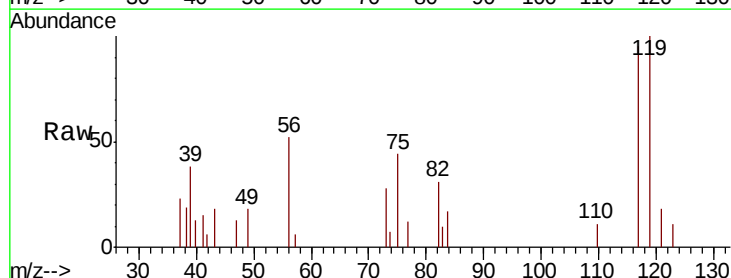
RT: 7.91 min Scan# 1013

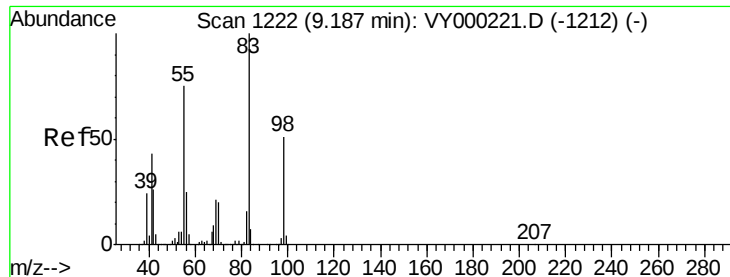
Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Tgt Ion:	117	Resp:	2210
Ion	Ratio	Lower	Upper
117	100		
119	104.9	77.2	115.8
121	19.1	23.1	34.7#





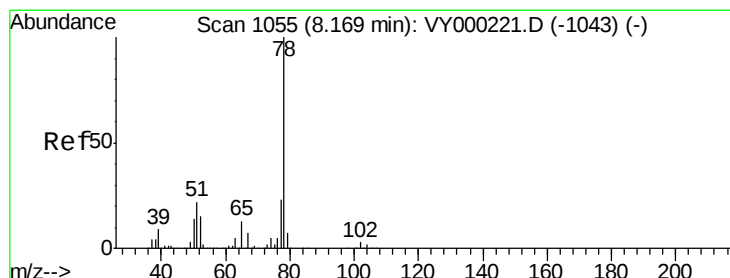
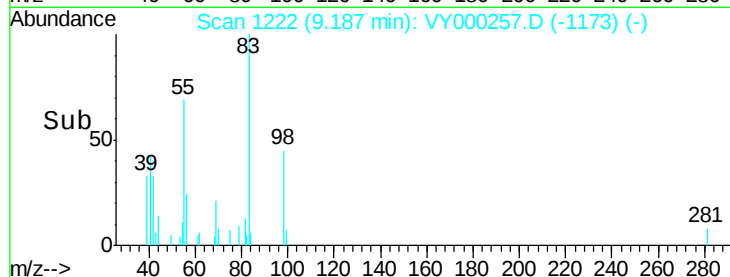
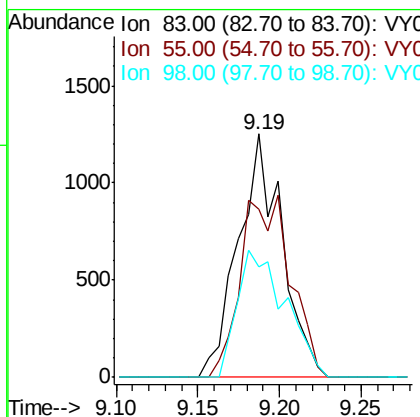
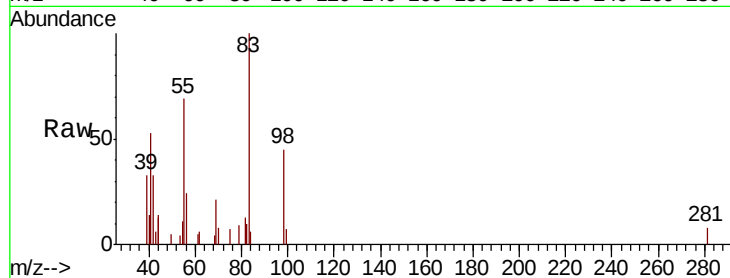
#39
Methvlcvclohexane
Concen: 0.412 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	60.2	90.4
98	45.5	40.5	60.7

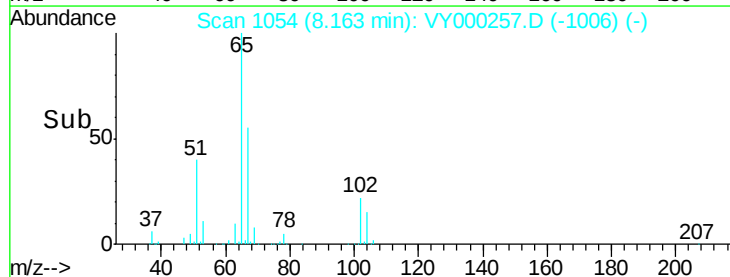
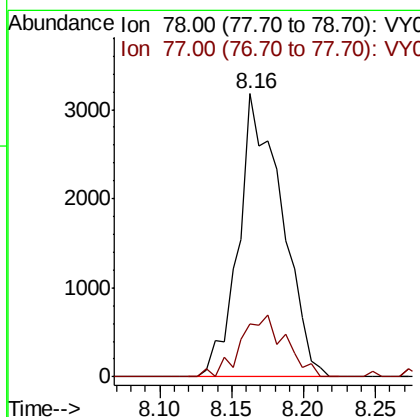
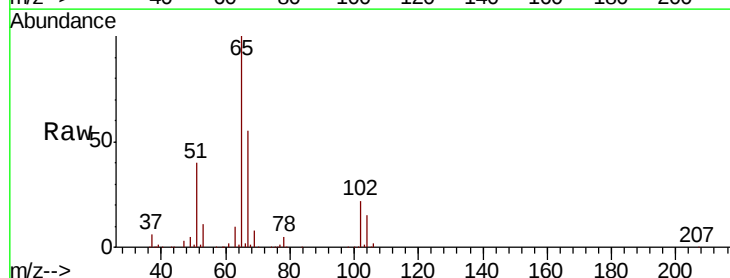
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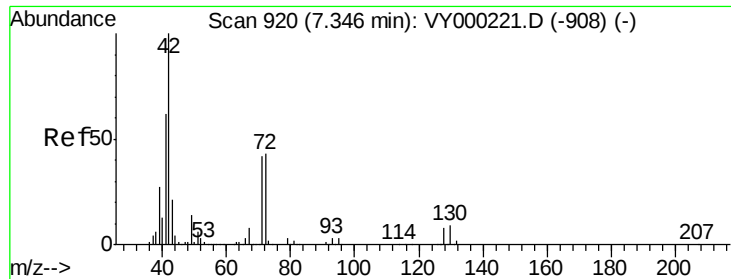
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#40
Benzene
Concen: 0.481 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	18.7	18.6	28.0





#41

Methacrylonitrile

Concen: 0.445 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampled :

0.5PPBMDL

Tot Ion: 41 Resp: 2868

Ion Ratio Lower Upper

41 100

39 32.3 74.7 112.1#

67 34.8 0.0 0.0#

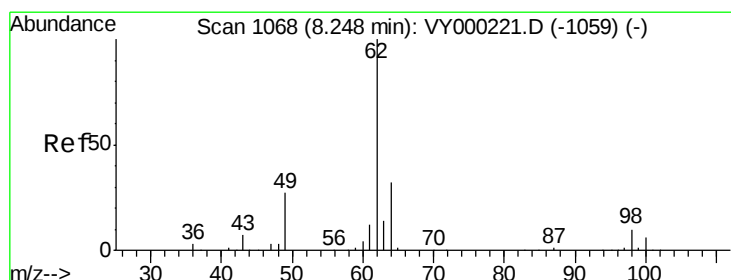
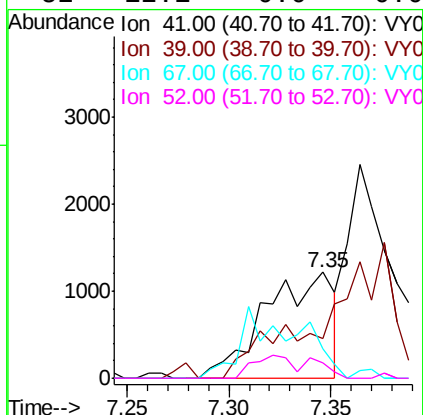
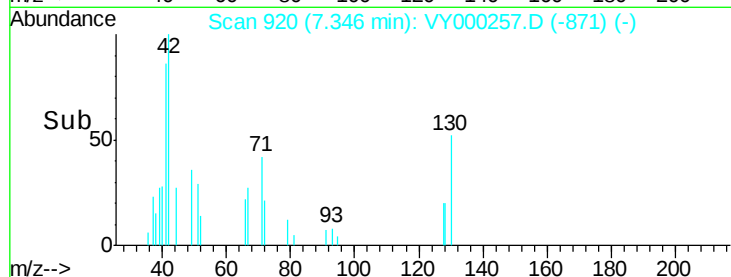
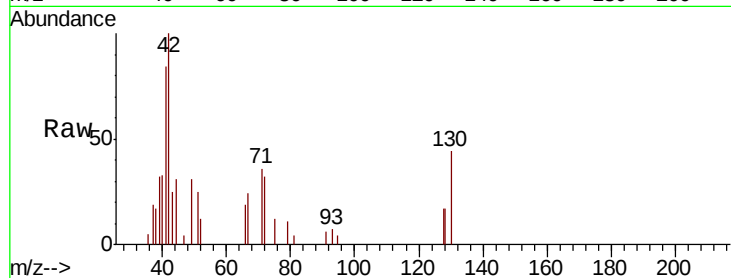
52 12.1 0.0 0.0#

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 0.620 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000257.D

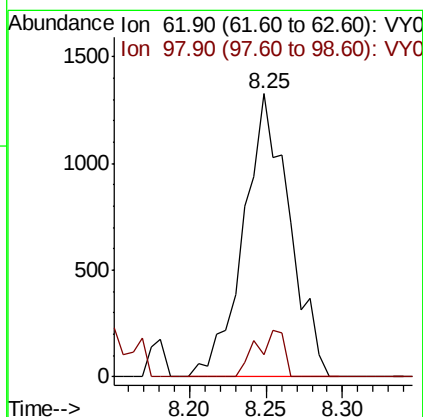
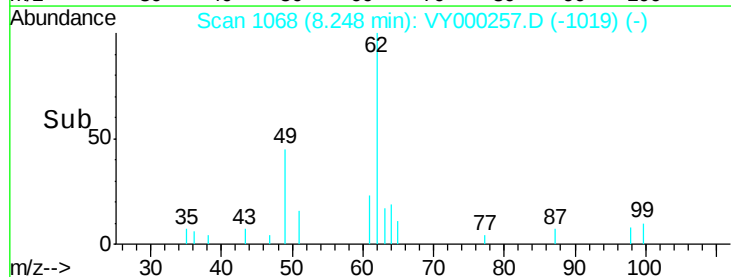
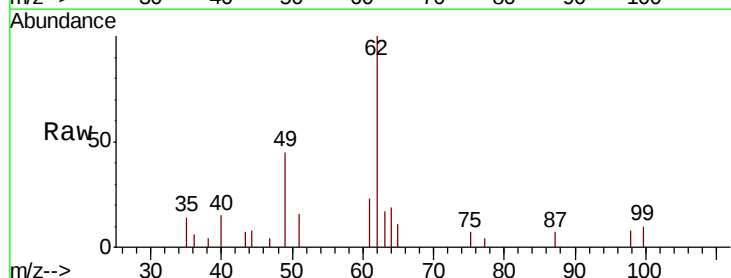
Acq: 10 Oct 2019 16:45

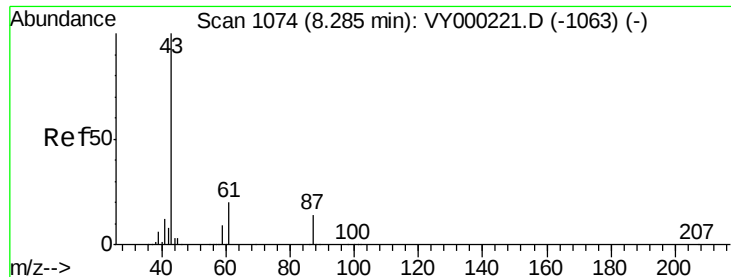
Tgt Ion: 62 Resp: 2765

Ion Ratio Lower Upper

62 100

98 10.1 0.0 20.0





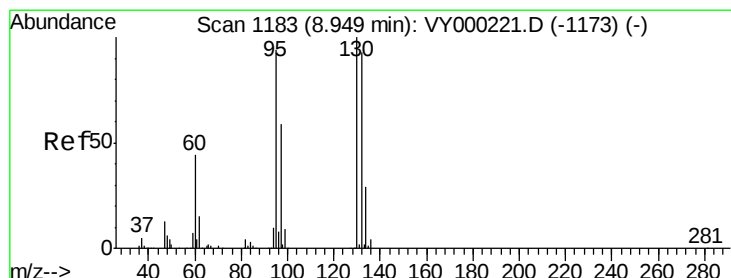
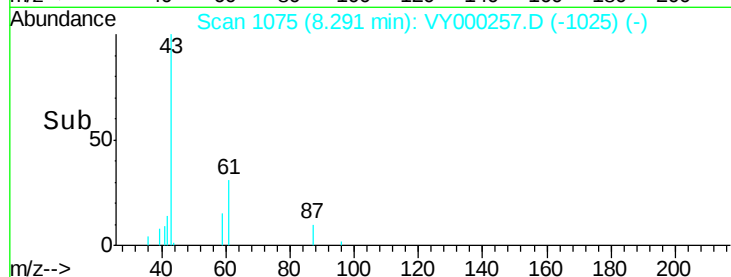
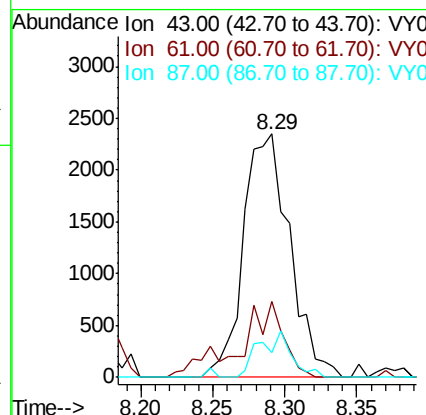
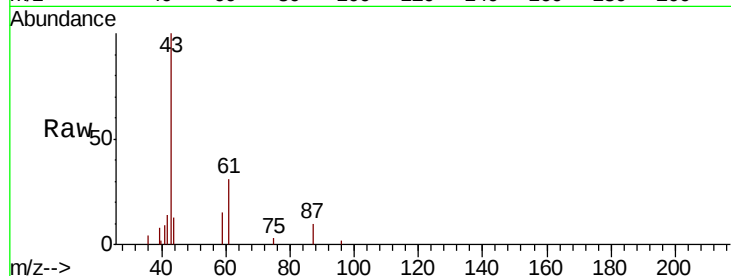
#43
Isopropyl Acetate
Concen: 0.497 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	20.1	30.1
87	6.8	10.6	15.8

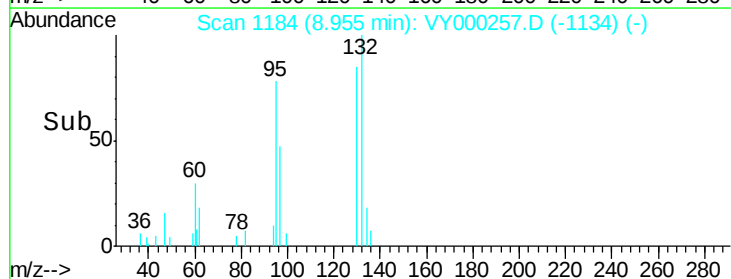
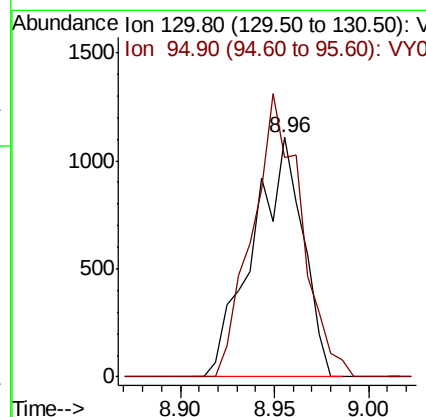
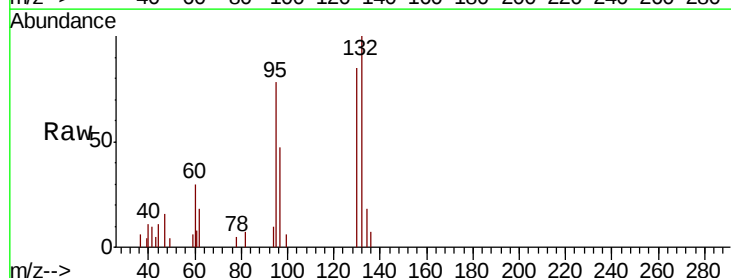
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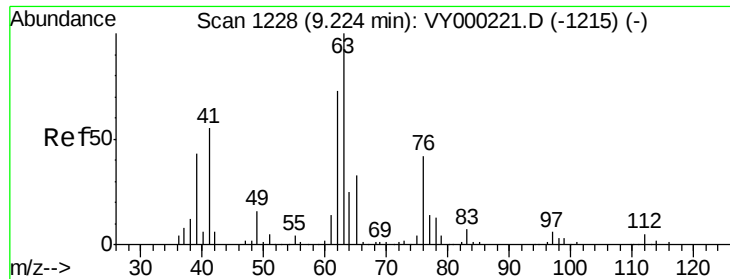
MMDadoda
10/14/2019 1:33:37 PM



#44
Trichloroethene
Concen: 0.551 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	189.0





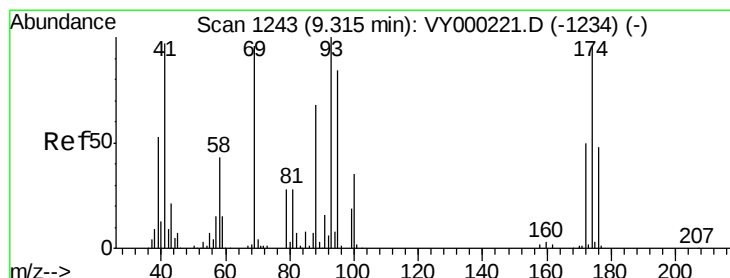
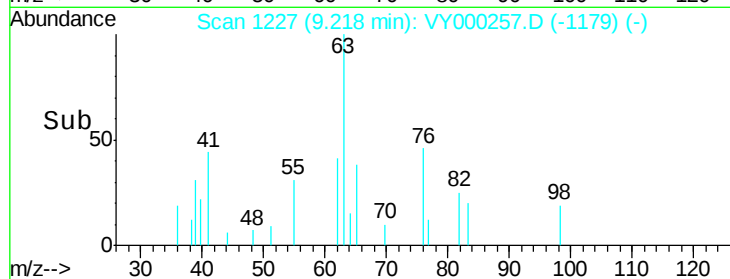
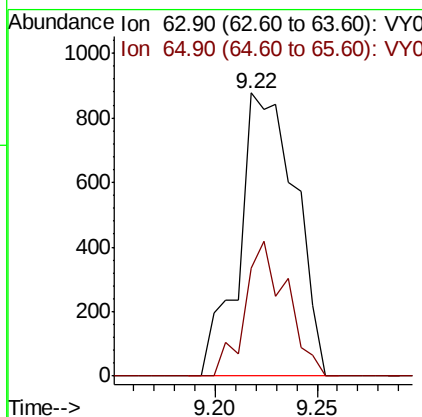
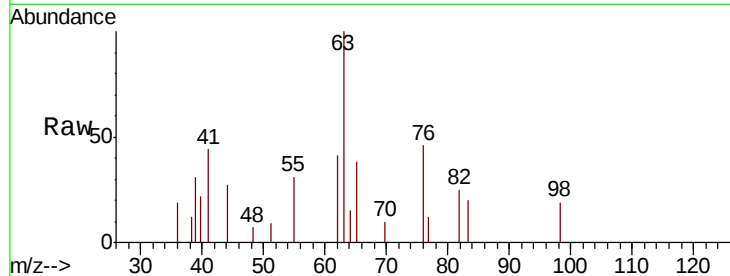
#45
 1,2-Dichloropropane
 Concen: 0.490 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Tot Ion: 63 Resp: 1686
 Ion Ratio Lower Upper
 63 100
 65 38.0 26.6 39.8

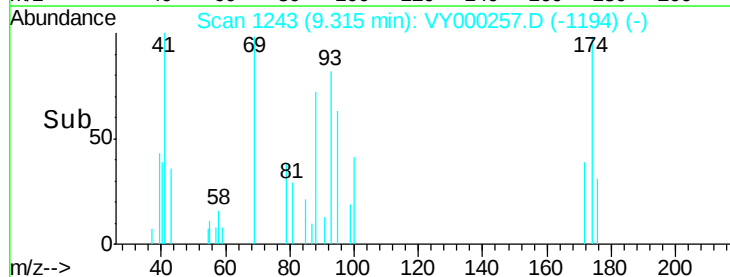
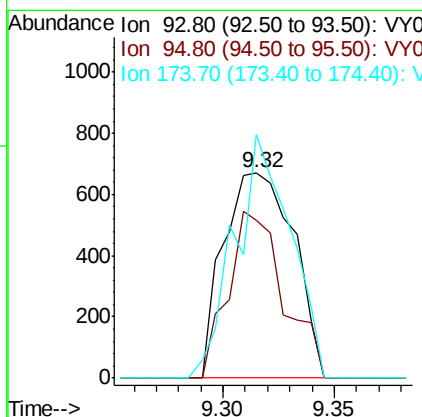
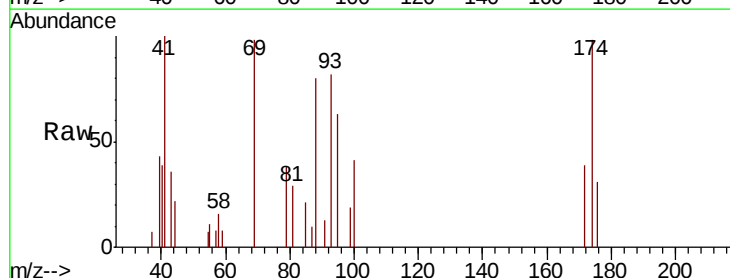
Manual Integrations
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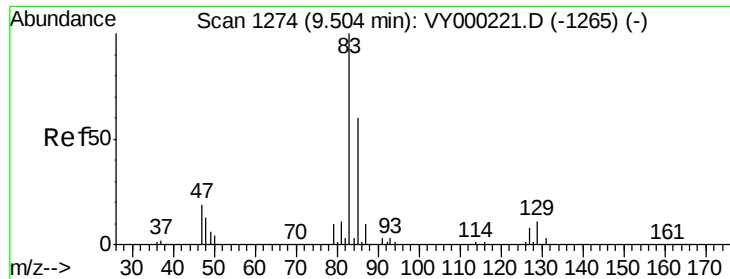
MMDadoda
 10/14/2019 1:33:37 PM



#46
 Dibromomethane
 Concen: 0.609 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Tgt Ion: 93 Resp: 1469
 Ion Ratio Lower Upper
 93 100
 95 64.1 67.0 100.6#
 174 94.2 77.5 116.3





#47

Bromodichloromethane

Concen: 0.516 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

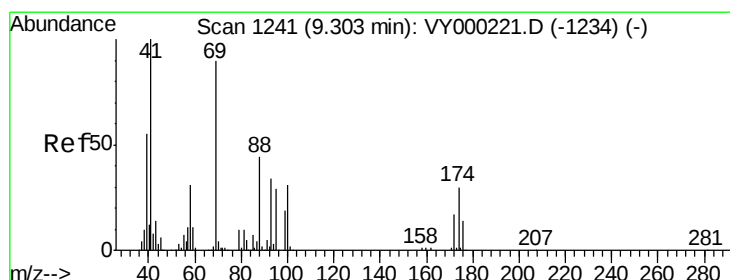
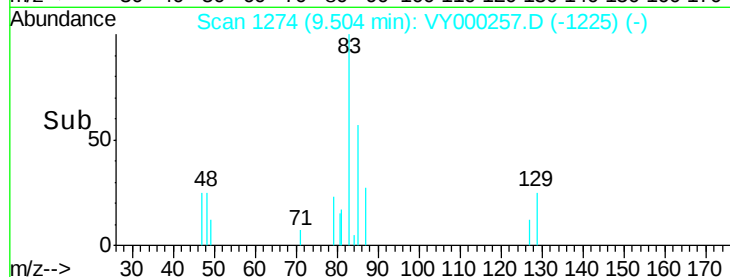
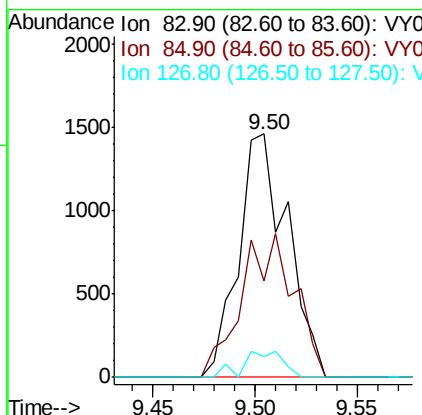
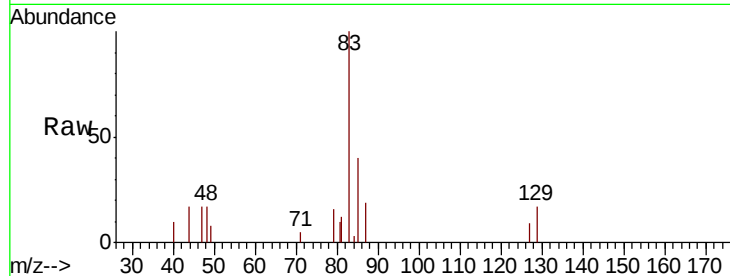
ClientSampleId :

0.5PPBMDL

Tot Ion:	83	Resp:	2436
Ion Ratio	Lower	Upper	
83	100		
85	39.7	48.0	72.0#
127	8.5	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 0.578 ug/l

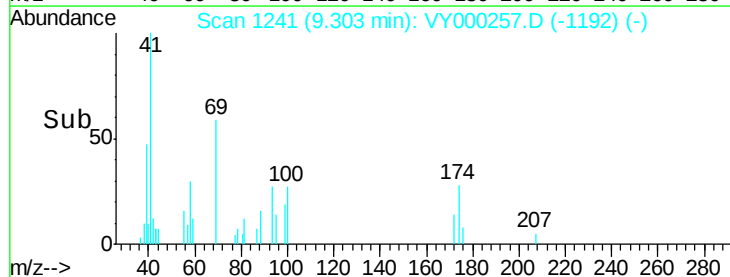
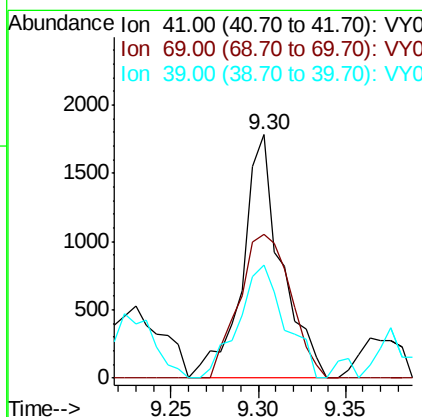
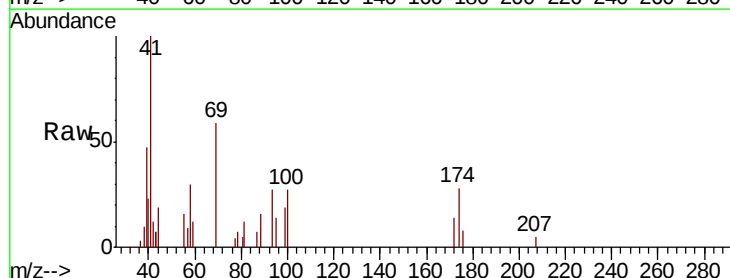
RT: 9.30 min Scan# 1241

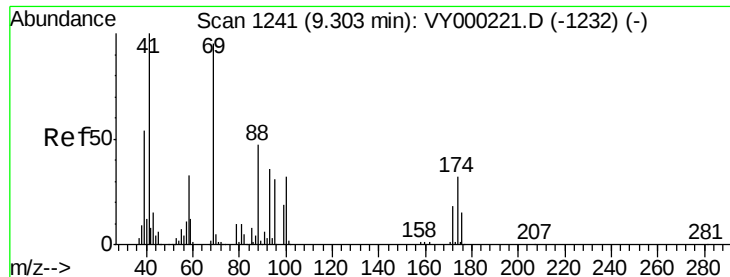
Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Tgt Ion:	41	Resp:	2749
Ion Ratio	Lower	Upper	
41	100		
69	79.0	70.3	105.5
39	56.0	45.5	68.3





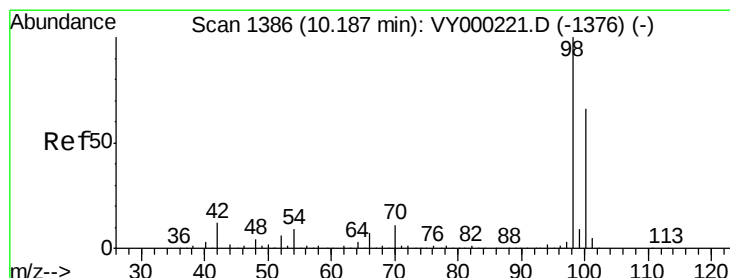
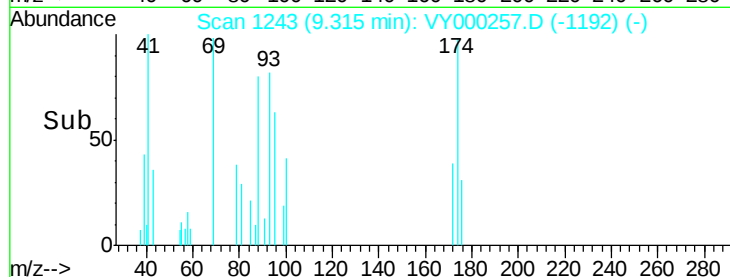
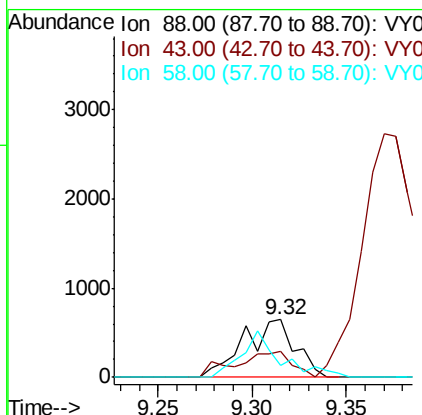
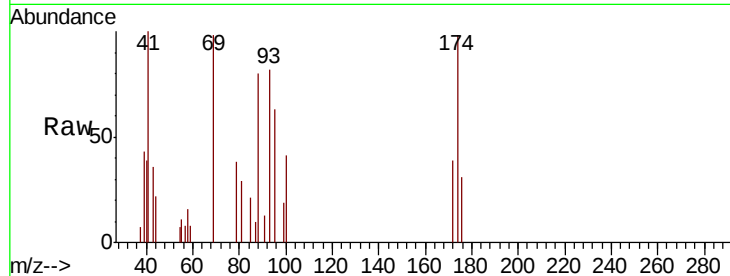
#49
1,4-Dioxane
Concen: 10.073 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
88	100		
43	48.6	24.5	36.7#
58	61.1	54.2	81.2

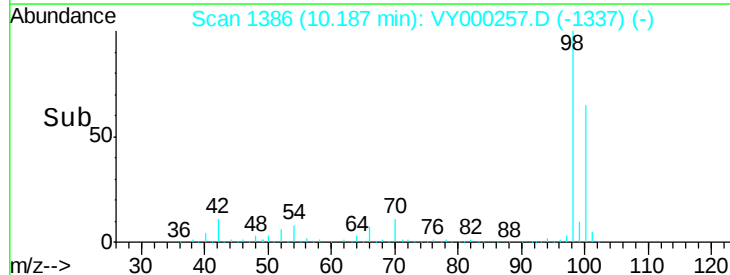
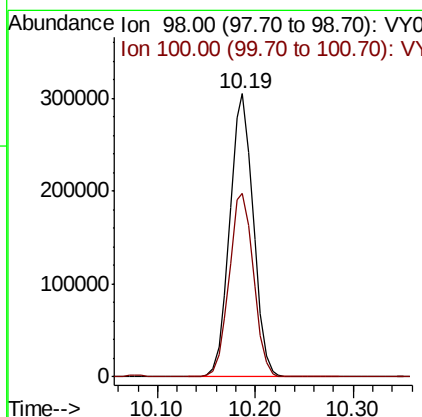
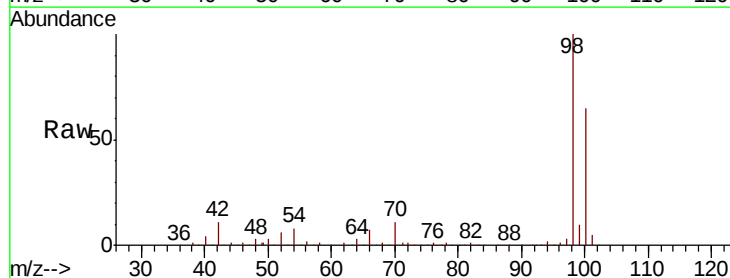
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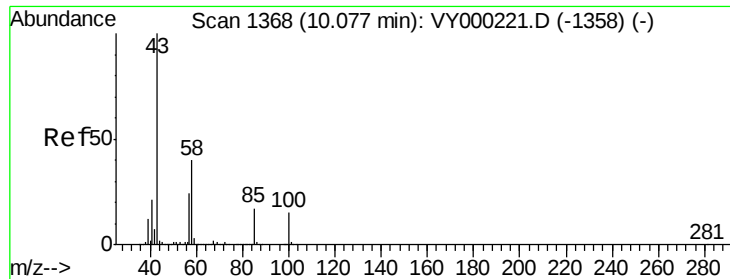
MMDadoda
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#50
Toluene-d8
Concen: 46.678 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 2.412 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 43 Resp: 19101

Ion Ratio Lower Upper

43 100

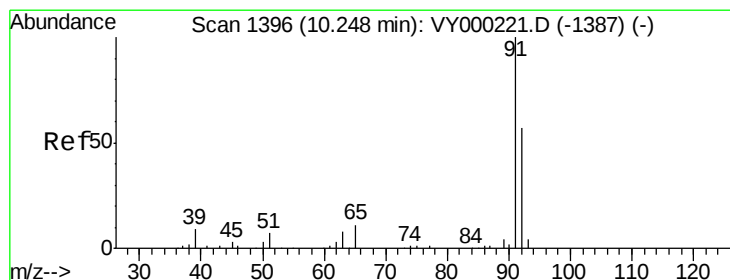
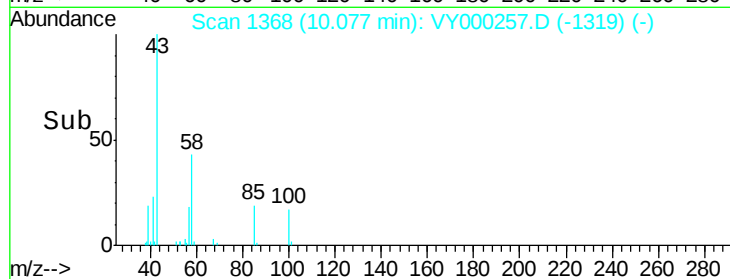
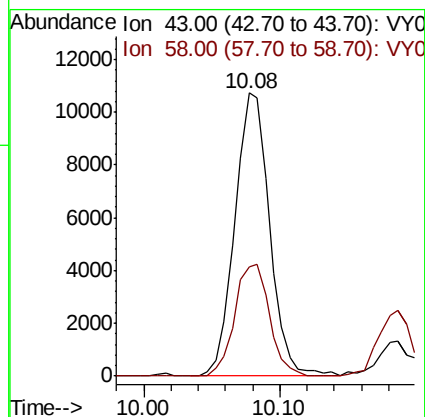
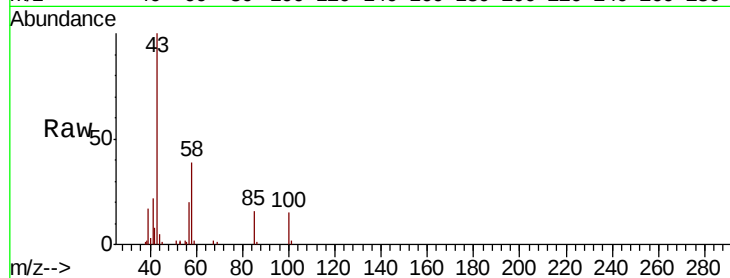
58 39.5 31.7 47.5

Manual Integrations

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#52

Toluene

Concen: 0.538 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000257.D

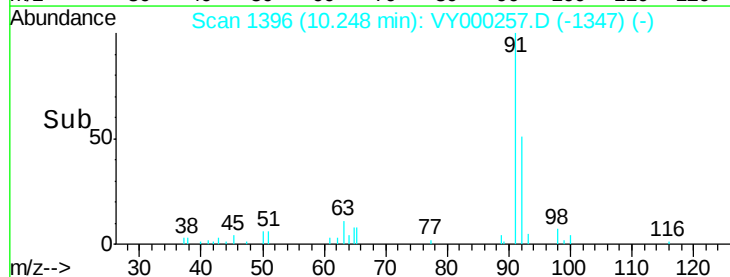
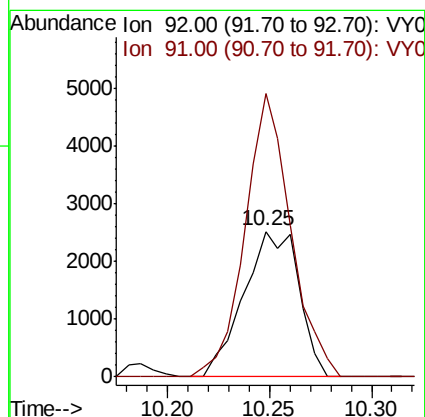
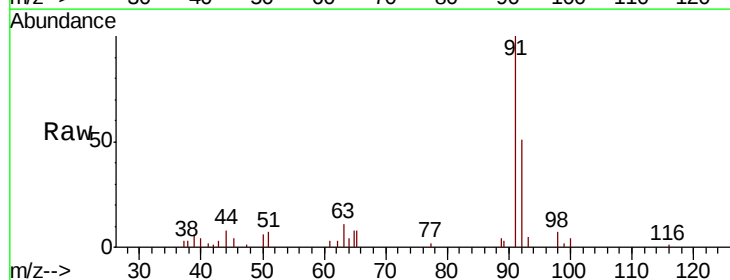
Acq: 10 Oct 2019 16:45

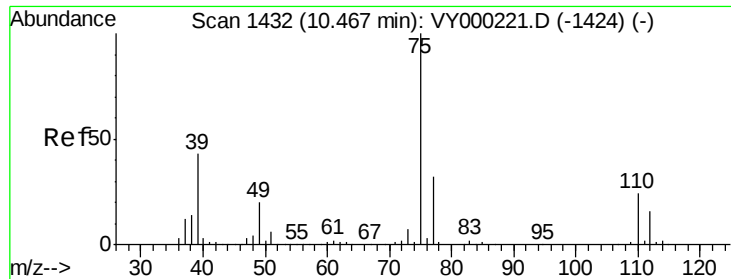
Tgt Ion: 92 Resp: 4744

Ion Ratio Lower Upper

92 100

91 161.0 139.1 208.7





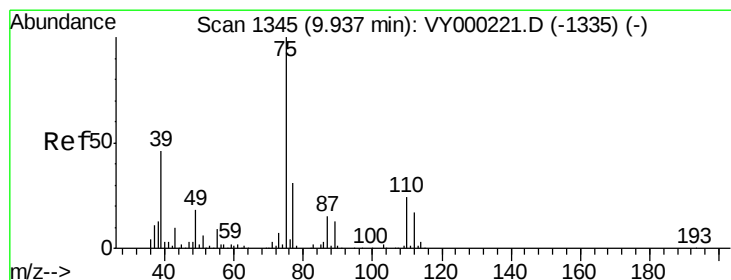
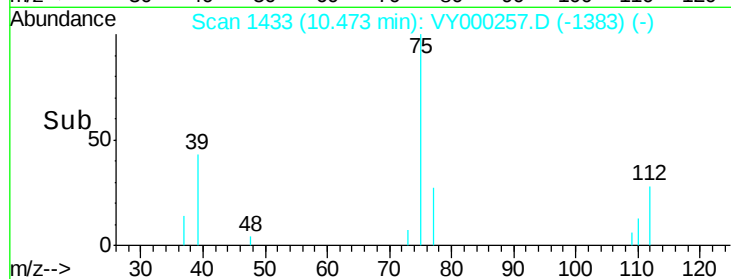
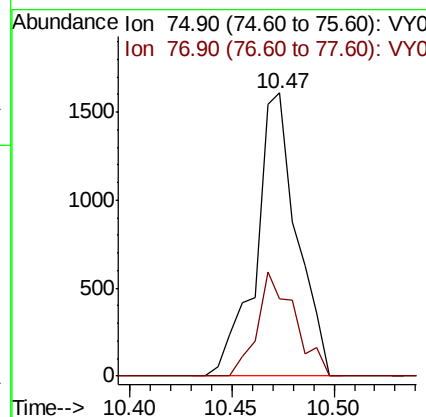
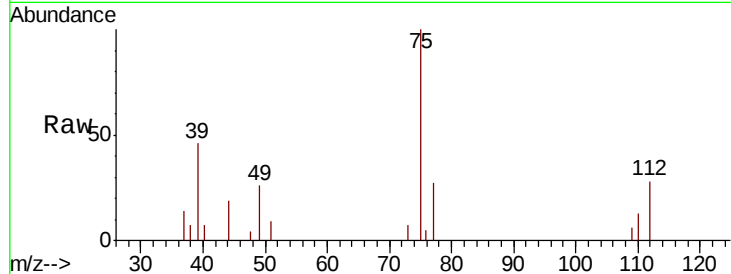
#53
t-1,3-Dichloropropene
Concen: 0.422 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion: 75 Resp: 2257
Ion Ratio Lower Upper
75 100
77 27.1 25.3 37.9

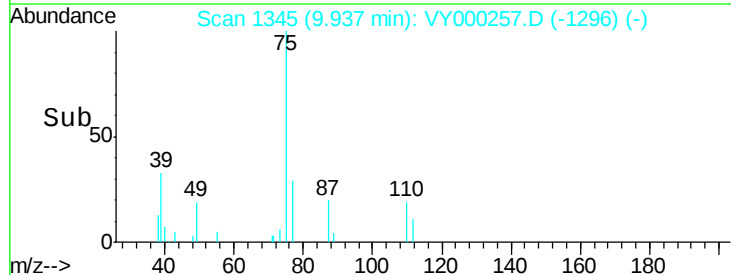
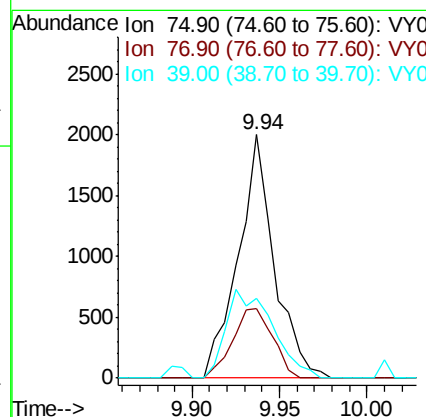
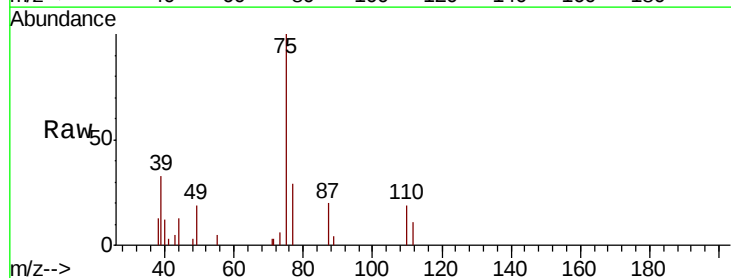
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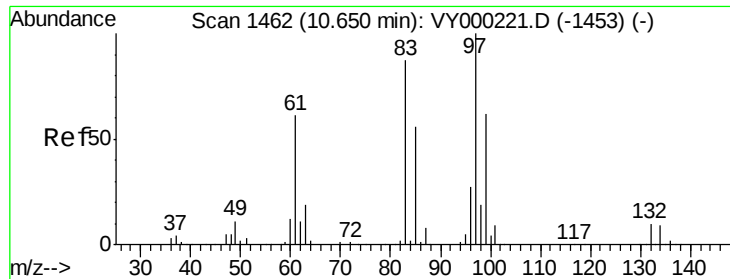
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 0.496 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion: 75 Resp: 2873
Ion Ratio Lower Upper
75 100
77 28.6 25.0 37.4
39 32.9 36.3 54.5#





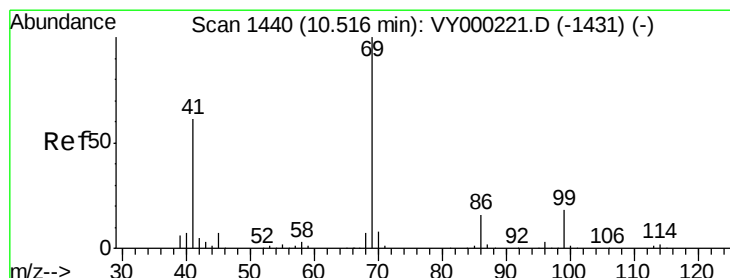
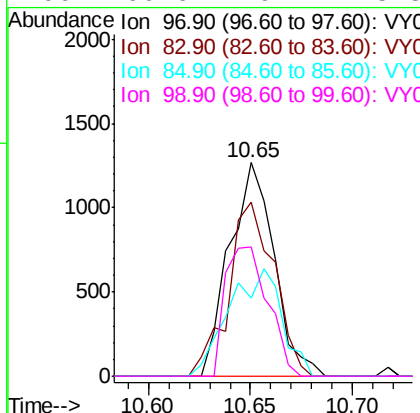
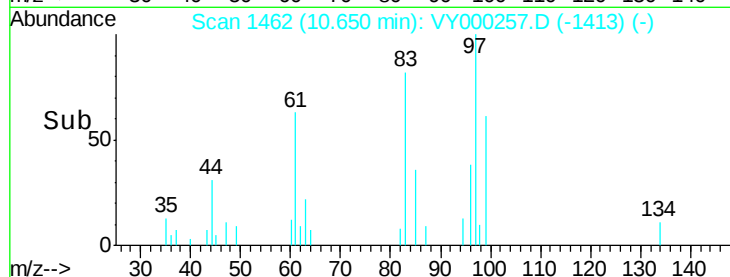
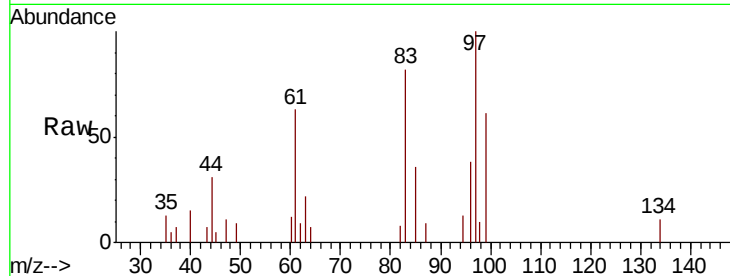
#55
 1,1,2-Trichloroethane
 Concen: 0.554 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.8	69.4	104.0
85	36.3	44.6	66.8#
99	60.6	49.2	73.8

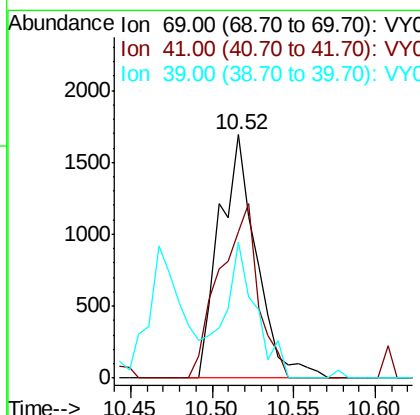
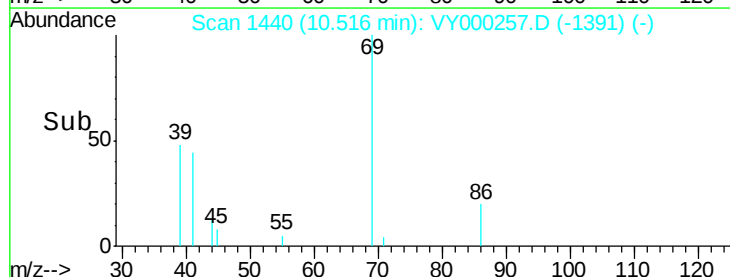
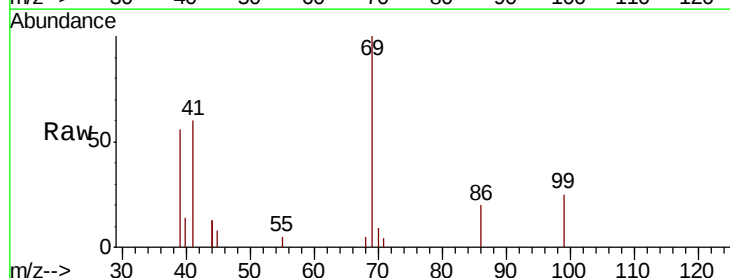
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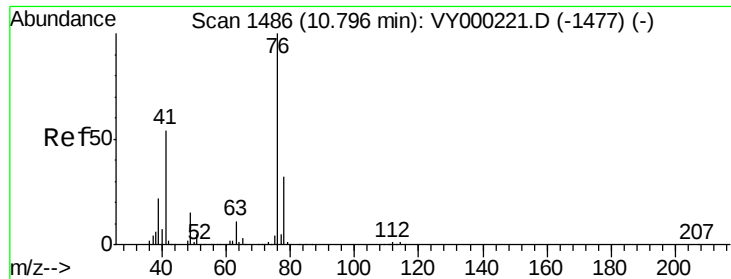
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 0.438 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.7	51.2	76.8
39	47.6	27.0	40.4#





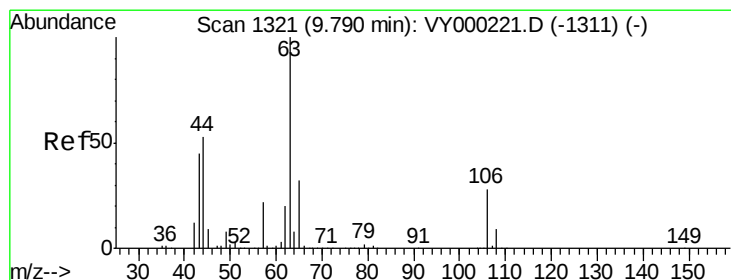
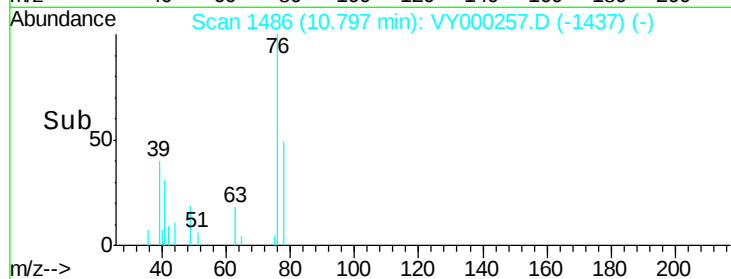
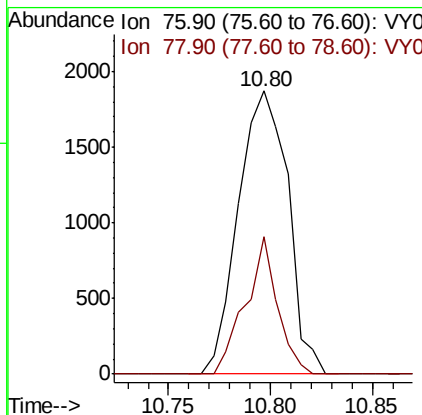
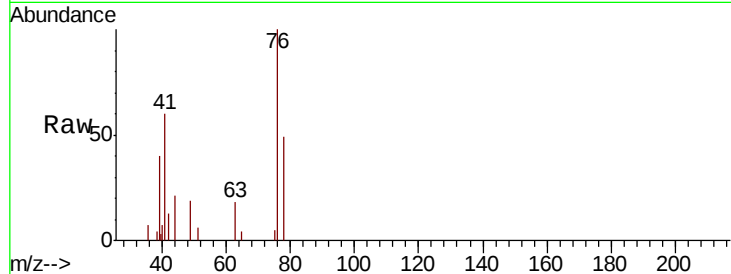
#57
 1,3-Dichloropropane
 Concen: 0.531 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	26.0	39.0

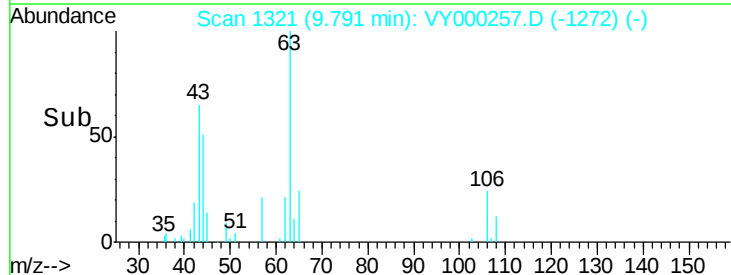
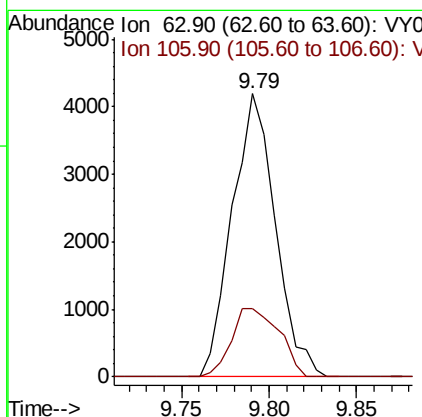
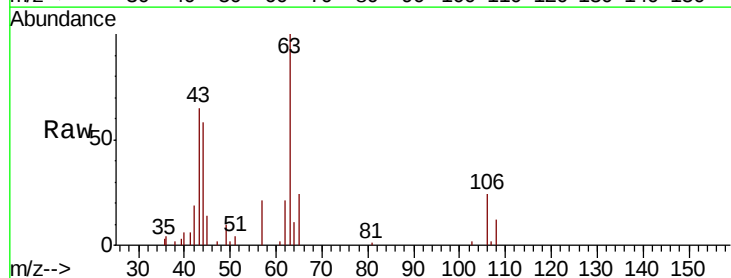
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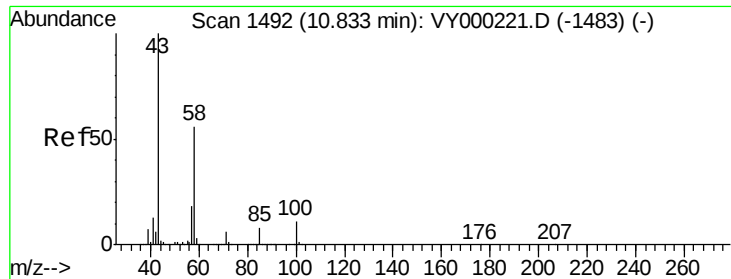
MMDadoda
 10/14/2019 1:33:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 2.641 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.7	22.6	33.8





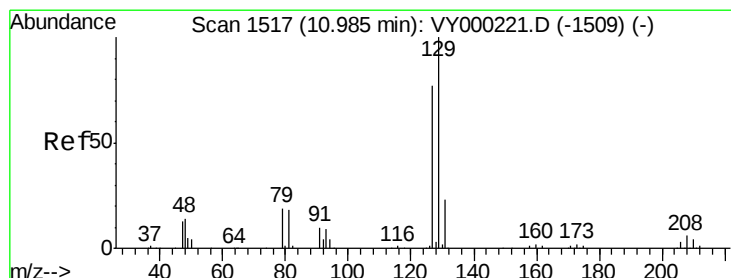
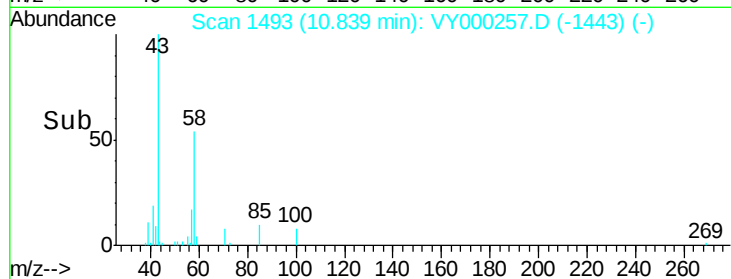
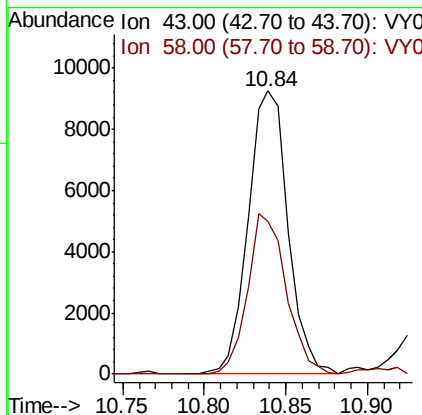
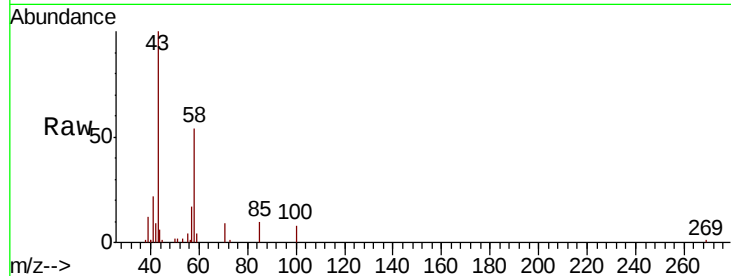
#59
2-Hexanone
Concen: 2.334 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion: 43 Resp: 15668
Ion Ratio Lower Upper
43 100
58 54.9 28.2 84.6

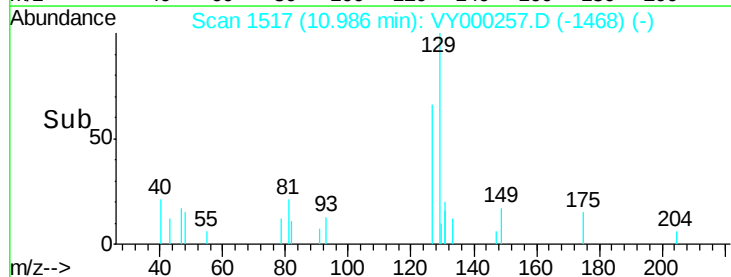
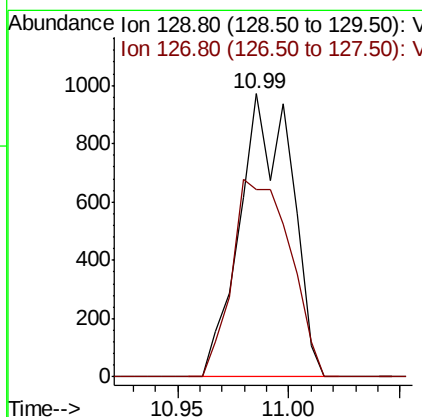
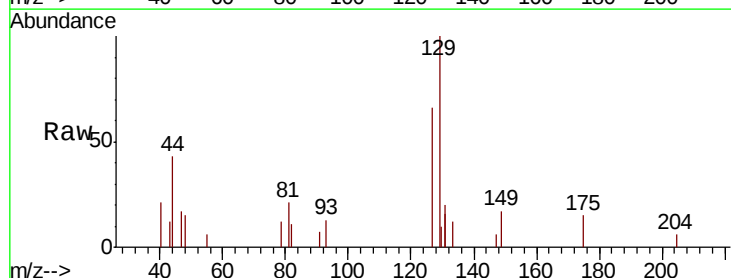
Manual Integrations
APPROVED

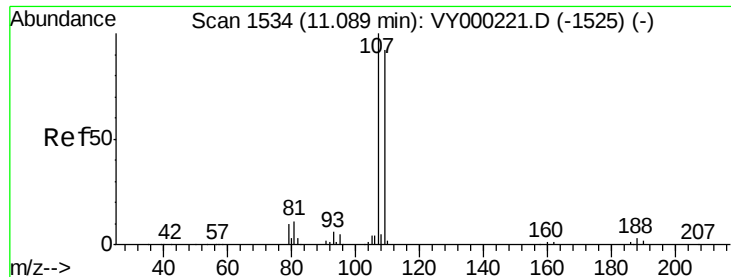
MMDadoda
10/14/2019 1:33:37 PM



#60
Dibromochloromethane
Concen: 0.428 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion: 129 Resp: 1574
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 0.468 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion:107 Resp: 1729

Ion Ratio Lower Upper

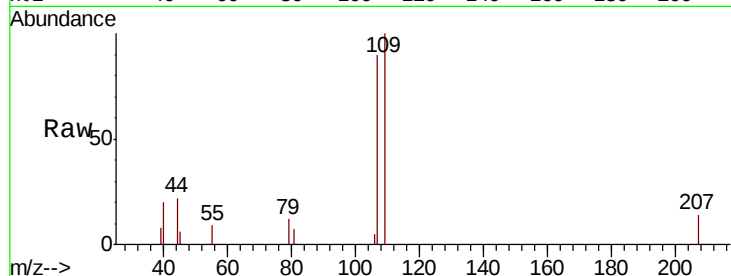
107 100

109 105.7 75.0 112.6

Manual Integrations
APPROVED

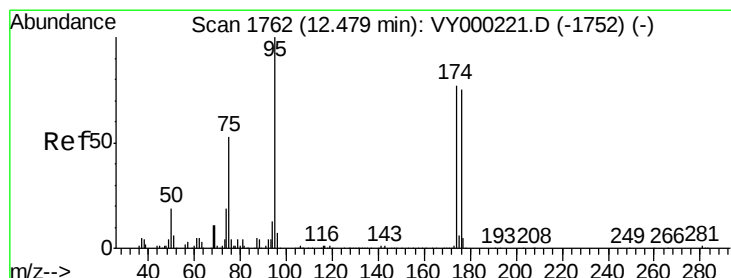
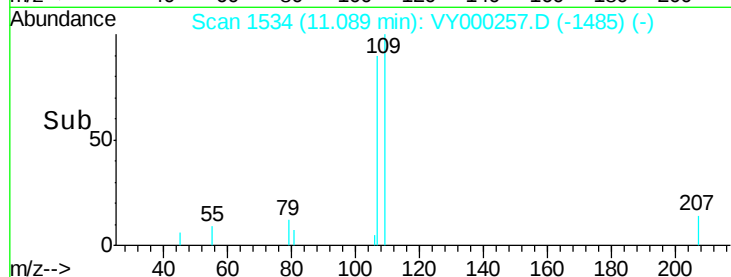
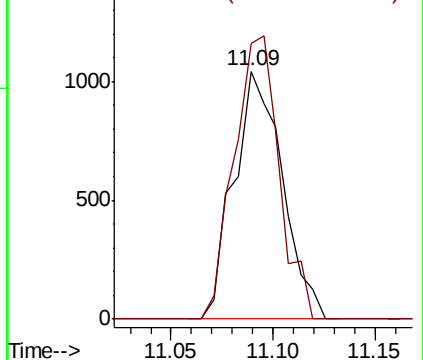
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.272 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

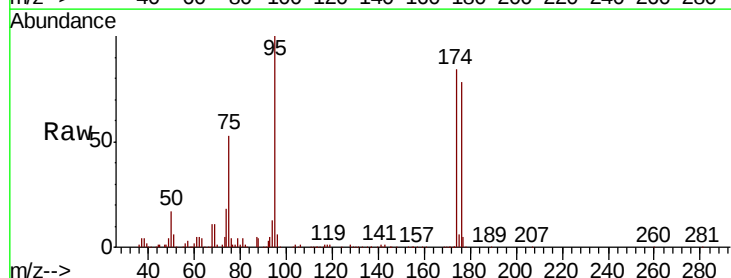
Tgt Ion: 95 Resp: 177915

Ion Ratio Lower Upper

95 100

174 83.4 0.0 157.0

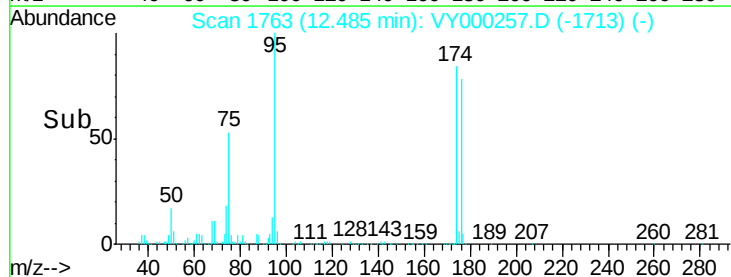
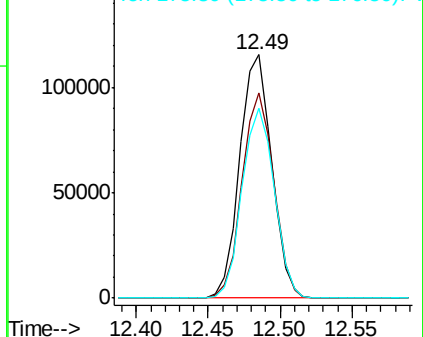
176 78.5 0.0 153.0

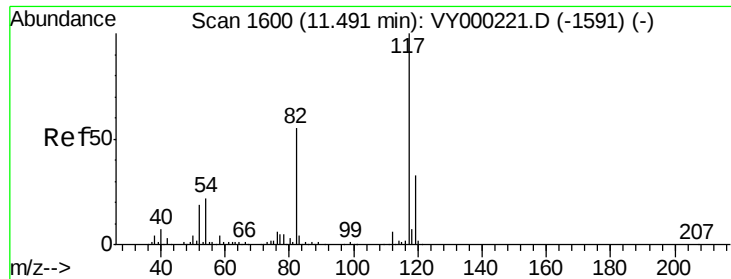


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





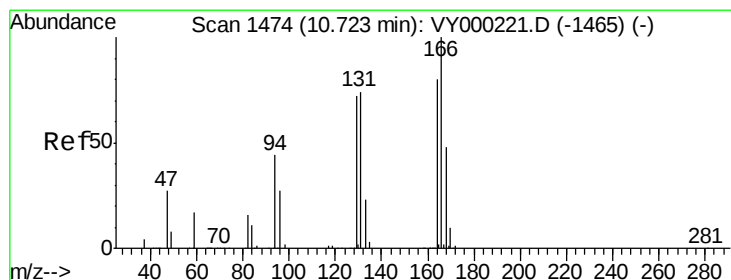
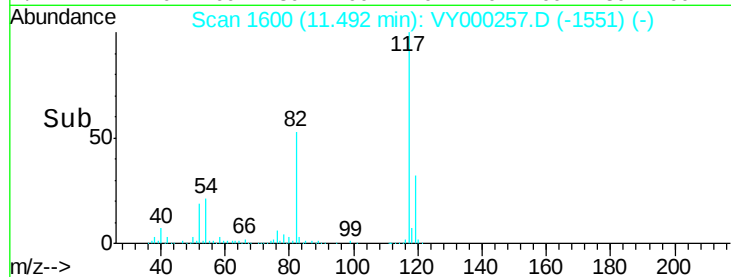
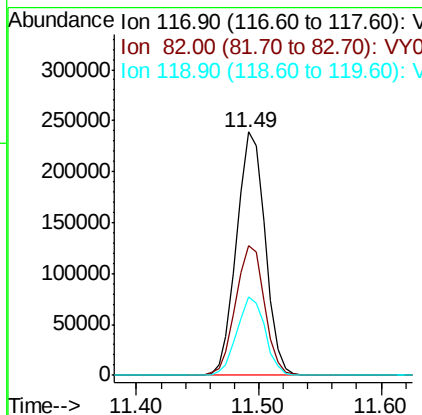
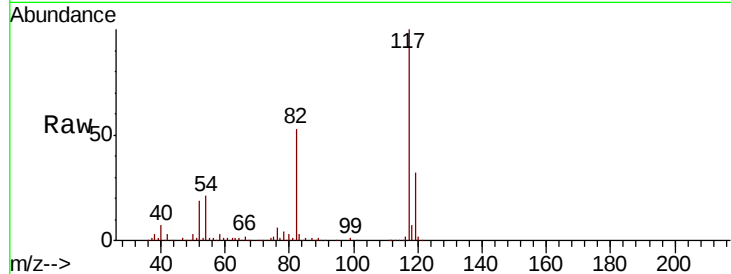
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	385721		
82	53.2	44.4	66.6	
119	32.3	26.2	39.2	

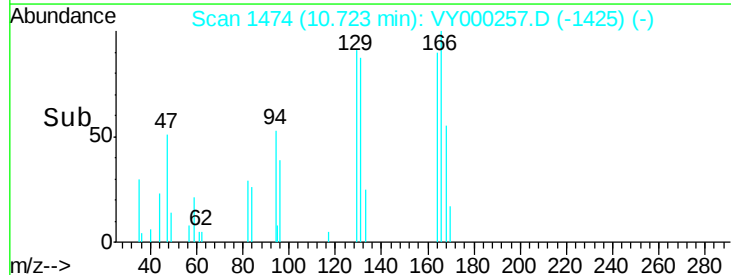
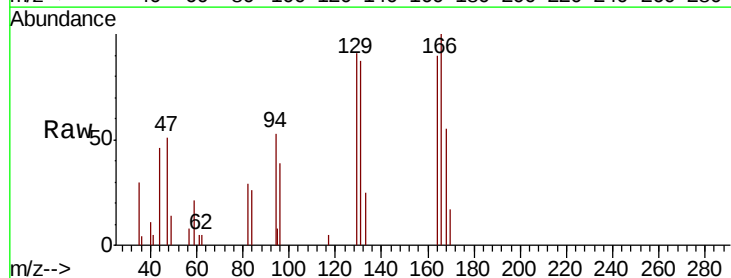
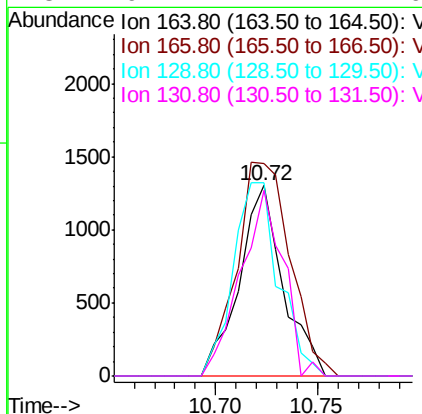
Manual Integrations
APPROVED

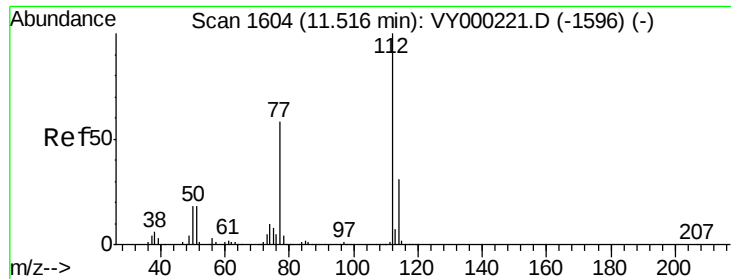
MMDadoda
10/14/2019 1:33:37 PM



#64
Tetrachloroethene
Concen: 0.555 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	1955		
166	111.3	100.3	150.5	
129	101.8	72.4	108.6	
131	97.2	74.4	111.6	





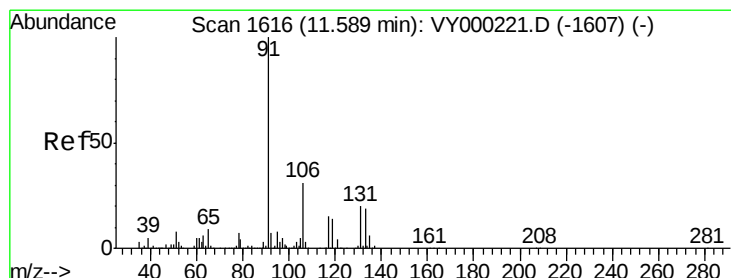
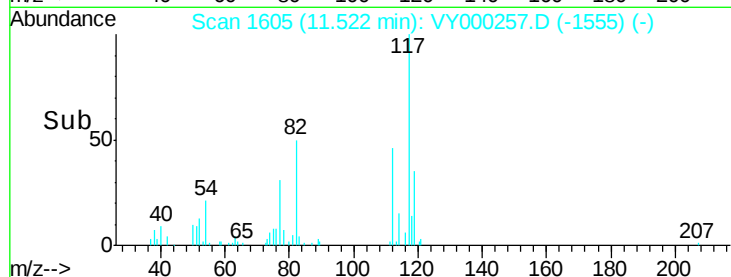
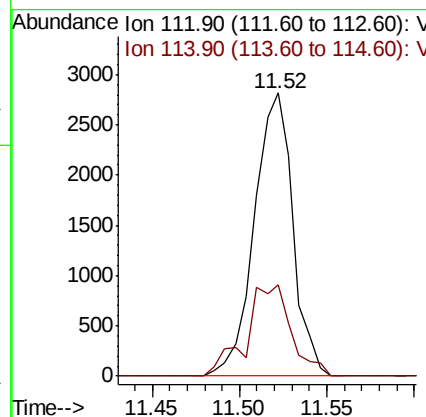
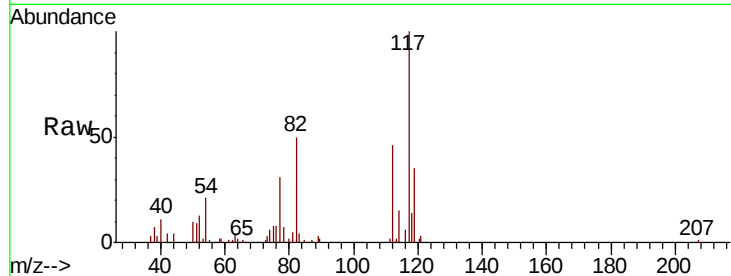
#65
Chlorobenzene
Concen: 0.486 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.0	37.4

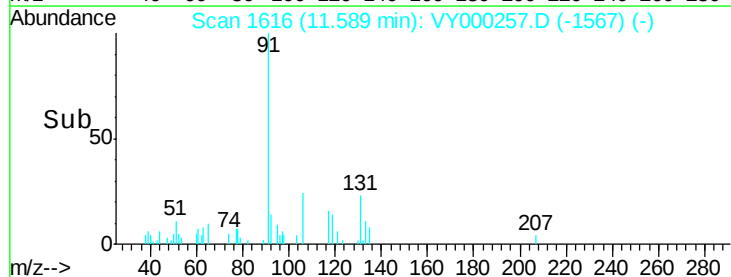
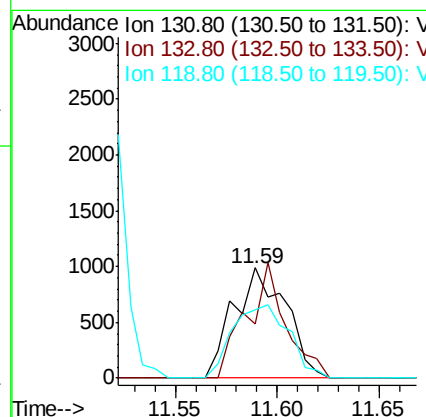
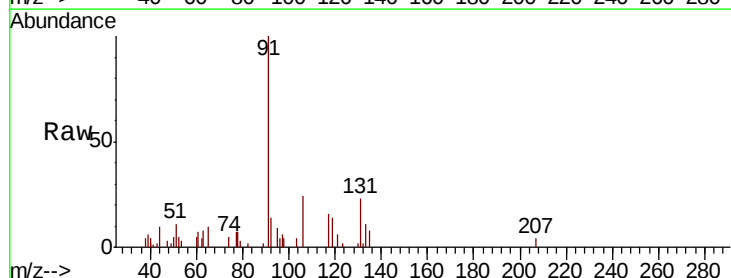
Manual Integrations
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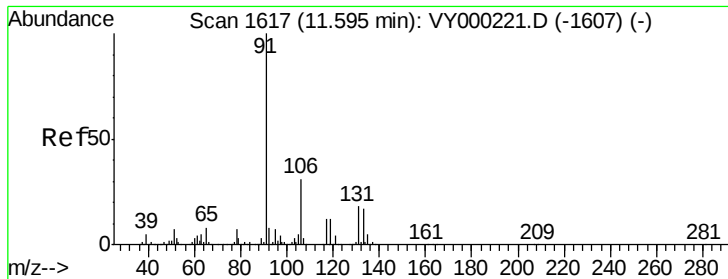
MMDadoda
10/14/2019 1:33:37 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 0.551 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	78.8	47.0	141.2
119	0.0	33.3	99.8#





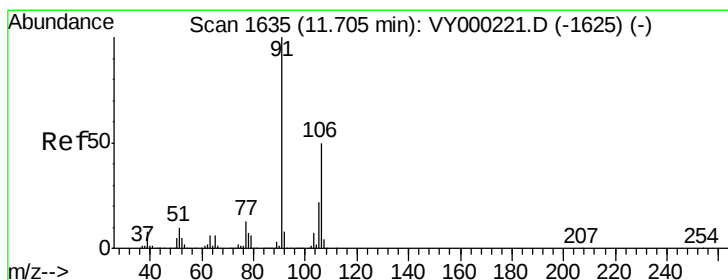
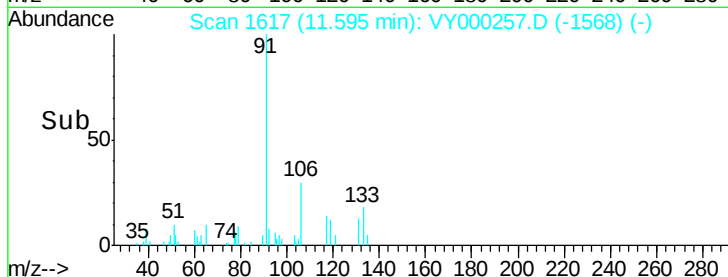
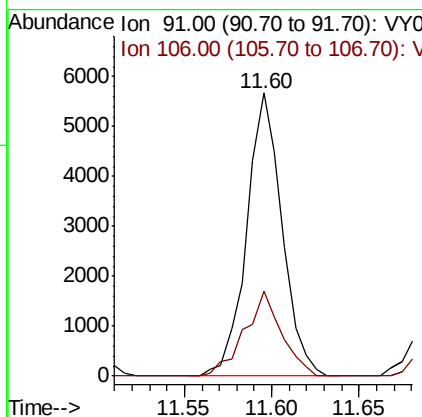
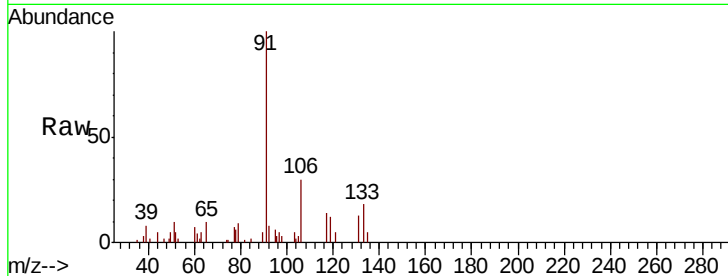
#67
Ethyl Benzene
Concen: 0.497 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion: 91 Resp: 7943
Ion Ratio Lower Upper
91 100
106 29.9 25.2 37.8

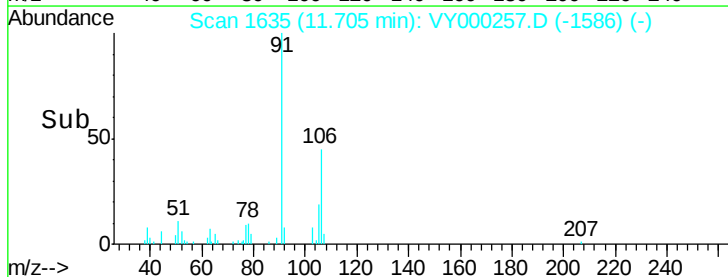
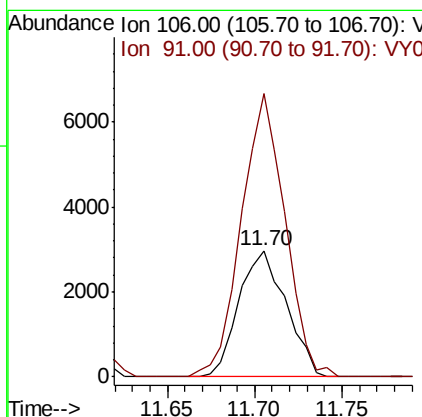
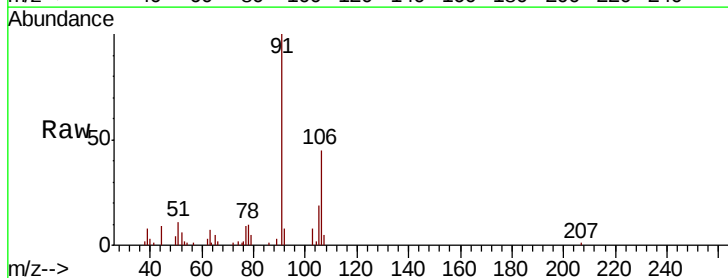
Manual Integrations
APPROVED

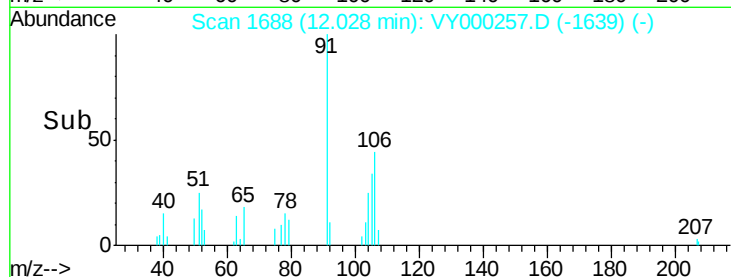
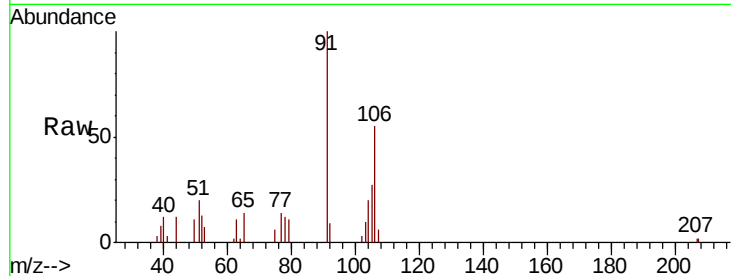
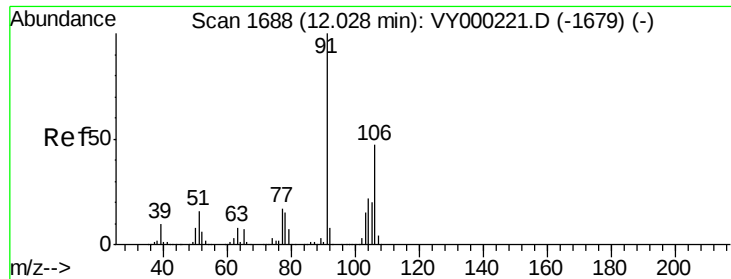
MMDadoda
10/14/2019 1:33:37 PM



#68
m/p-Xylenes
Concen: 0.920 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion: 106 Resp: 5607
Ion Ratio Lower Upper
106 100
91 205.9 159.9 239.9





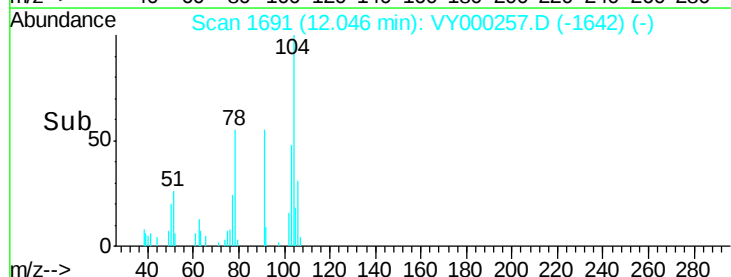
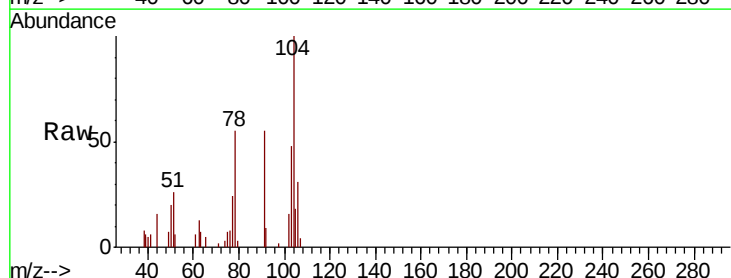
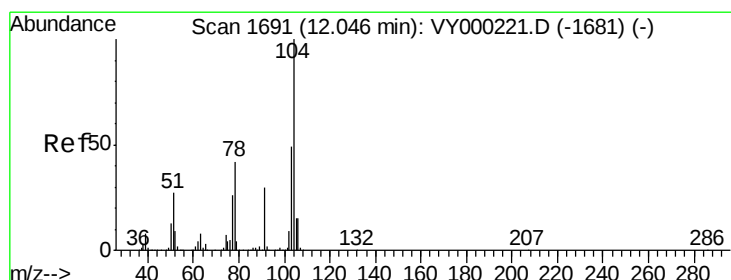
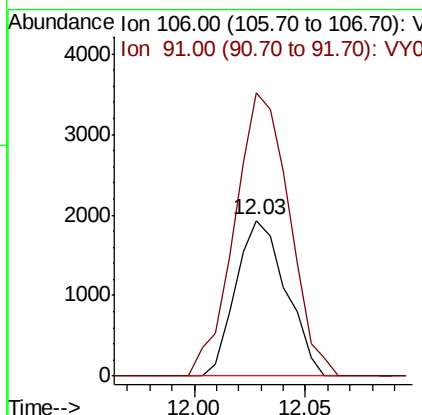
#69
o-Xylene
Concen: 0.517 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tot Ion:106 Resp: 3037
Ion Ratio Lower Upper
106 100
91 197.8 106.1 318.1

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

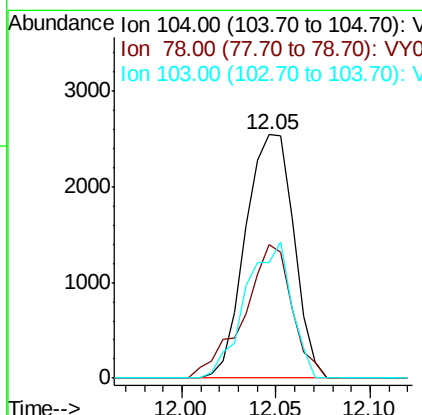
Manual Integrations
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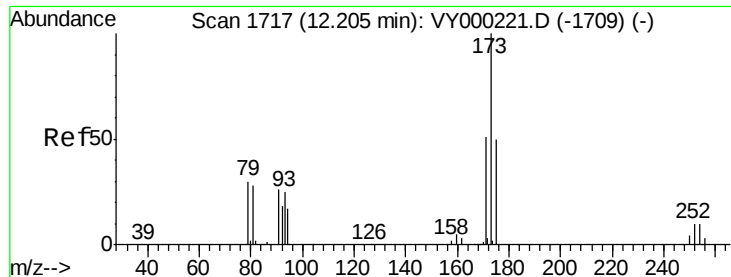
MMDadoda
10/14/2019 1:33:37 PM



#70
Styrene
Concen: 0.447 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion:104 Resp: 4522
Ion Ratio Lower Upper
104 100
78 54.8 39.0 58.4
103 53.0 43.1 64.7





#71

Bromoform

Concen: 0.568 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

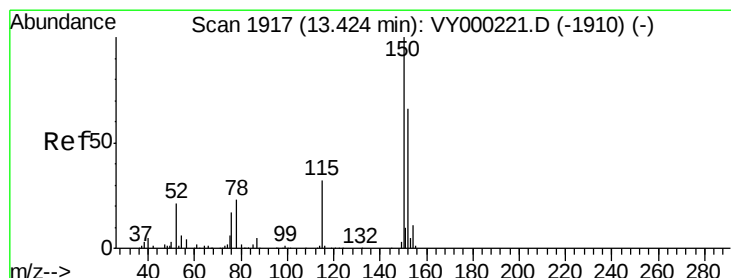
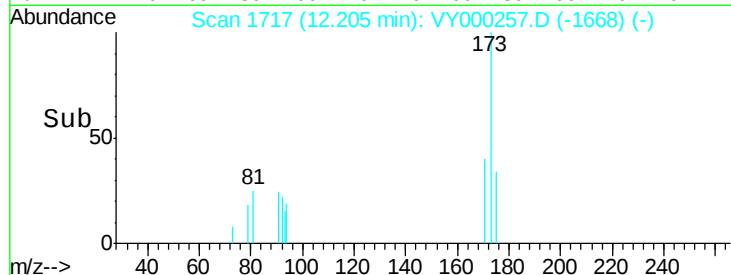
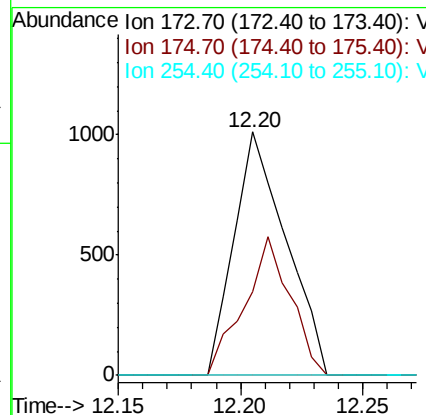
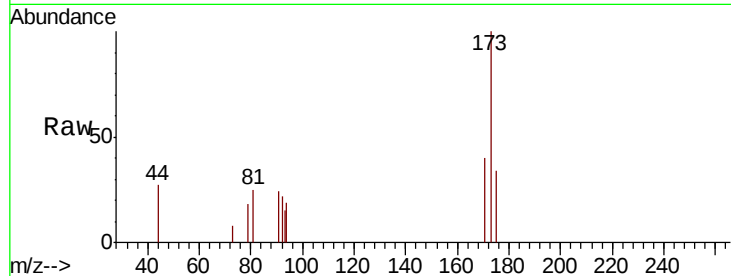
ClientSampled :

0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.8	74.3
254	0.0	0.1	0.1#

Manual Integrations
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10/14/2019 1:33:37 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

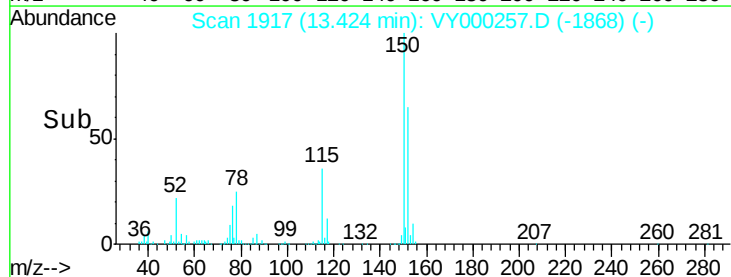
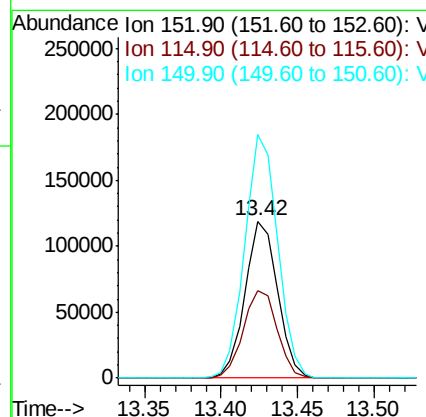
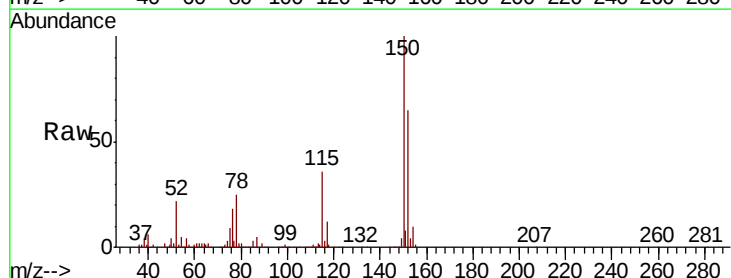
RT: 13.42 min Scan# 1917

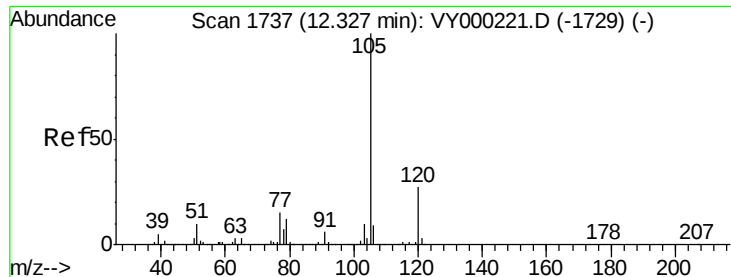
Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.3	88.0
150	157.2	0.0	349.6





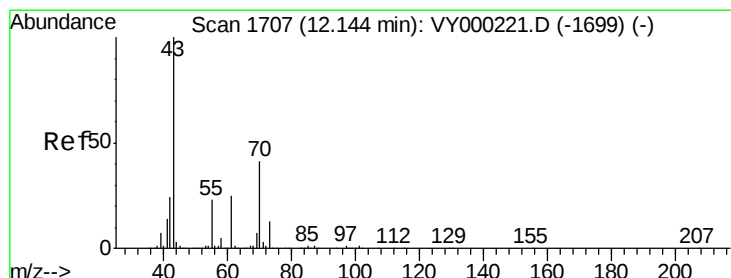
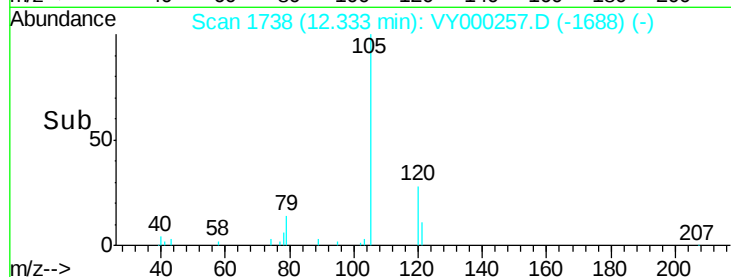
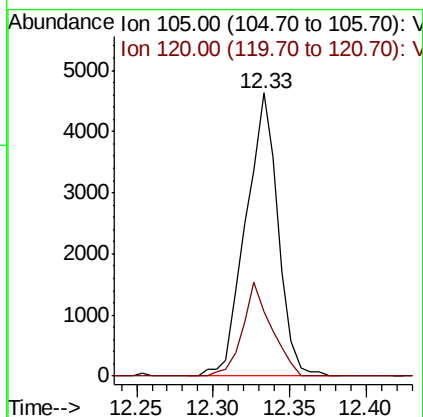
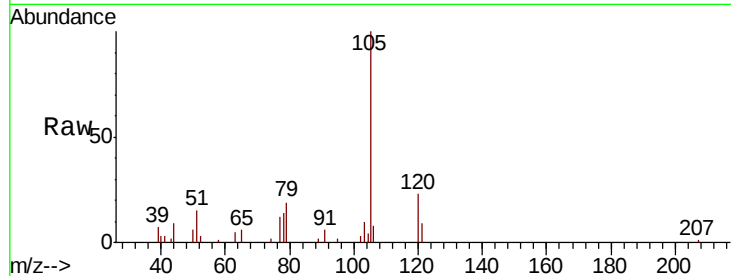
#73
Isopropylbenzene
Concen: 0.454 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
105	100		
120	29.4	13.6	40.8

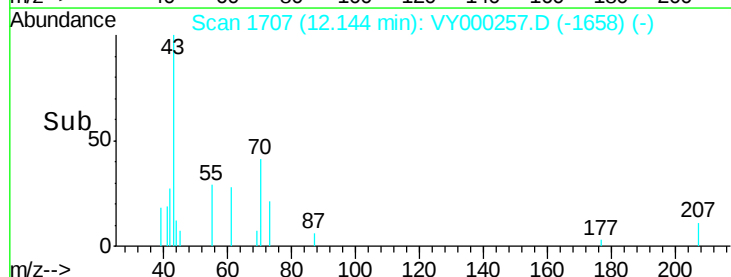
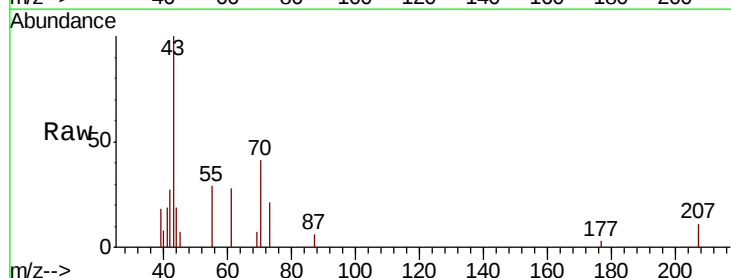
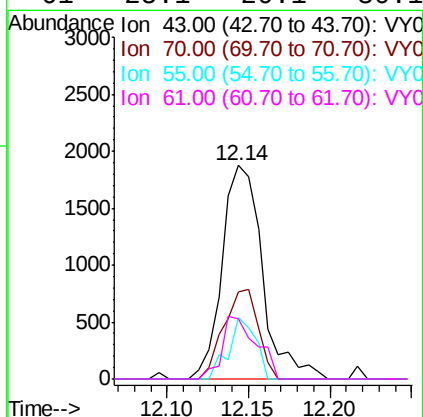
Manual Integrations
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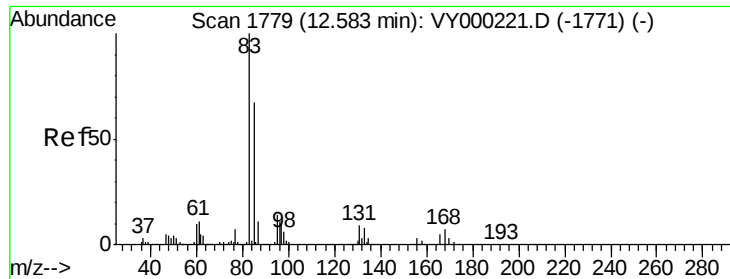
MMDadoda
10/14/2019 1:33:37 PM



#74
N-ethyl acetate
Concen: 0.453 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.0	34.9	52.3
55	19.2	18.2	27.2
61	25.1	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 0.507 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

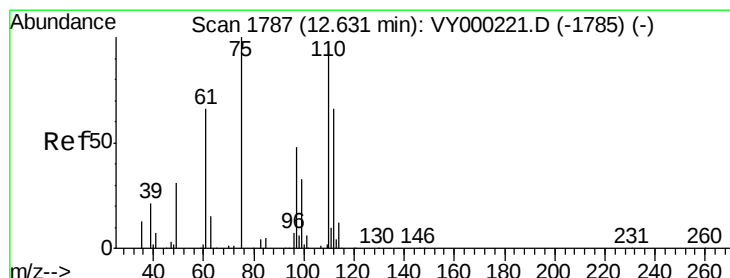
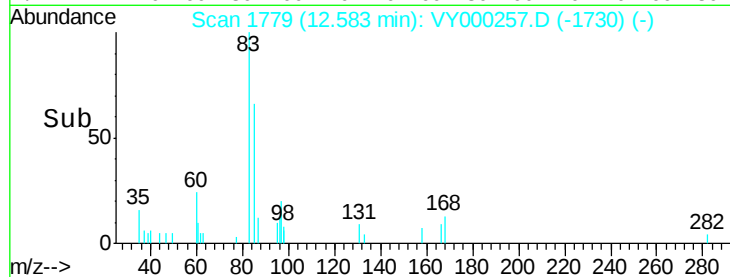
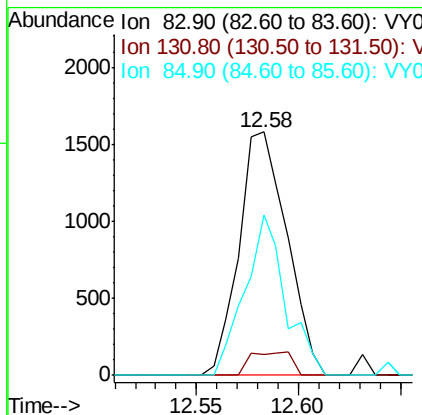
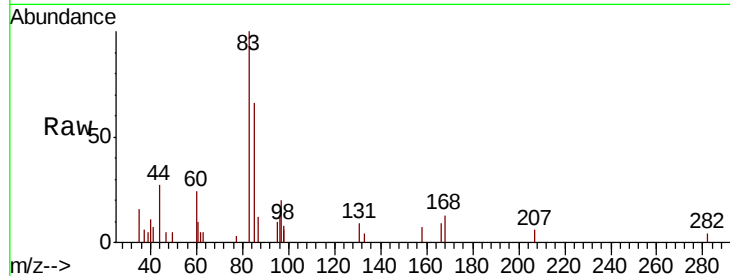
ClientSampleId :

0.5PPBMDL

Tot Ion:	83	Resp:	2584
Ion Ratio	Lower	Upper	
83	100		
131	8.2	4.8	14.3
85	56.1	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 0.554 ug/l m

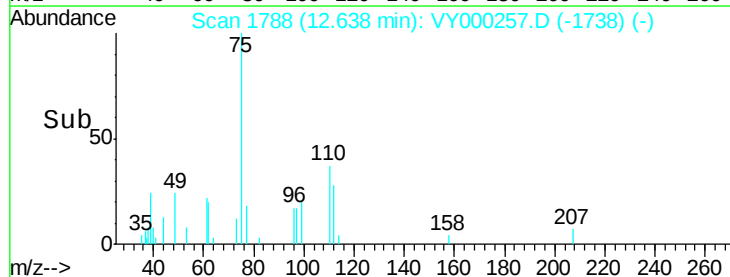
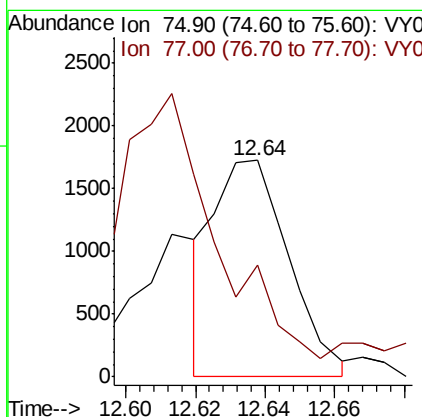
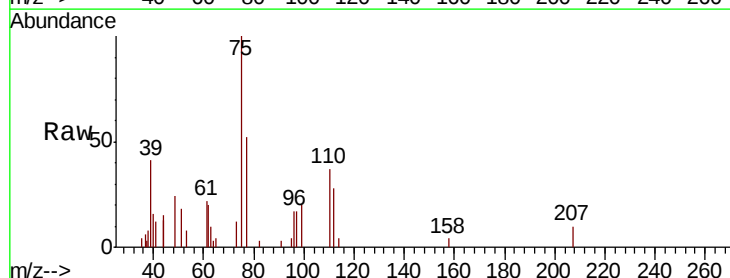
RT: 12.64 min Scan# 1788

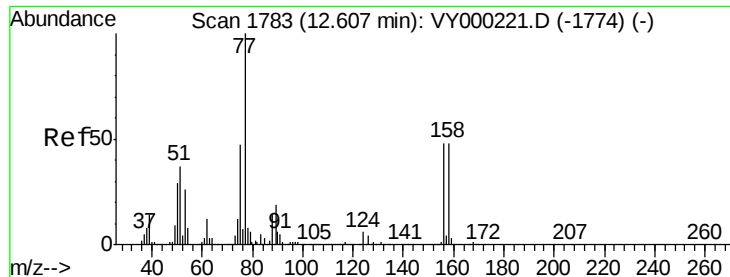
Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Tgt Ion:	75	Resp:	2576
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 0.528 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

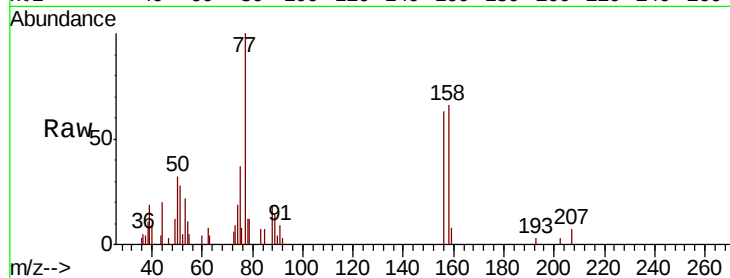
ClientSampleId :

0.5PPBMDL

Tot Ion:	156	Resp:	1851
Ion	Ratio	Lower	Upper
156	100		
77	250.9	118.1	354.3
158	107.5	47.8	143.3

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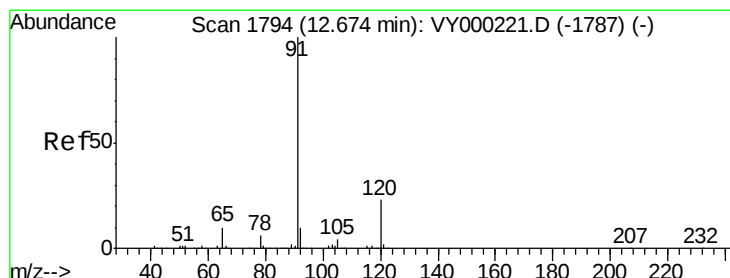
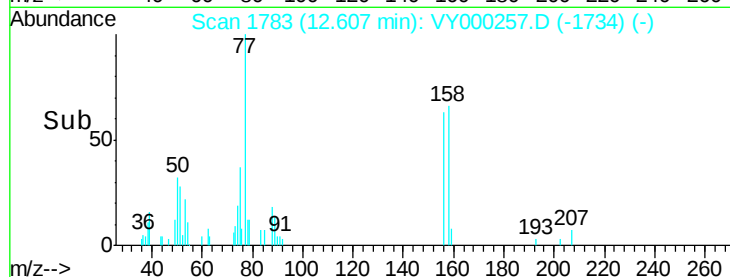
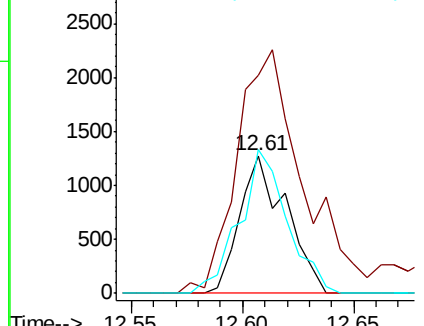
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.470 ug/l

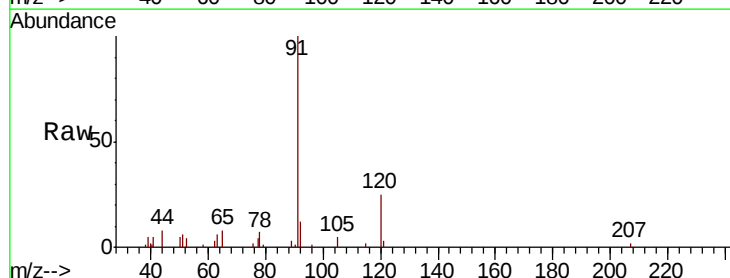
RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000257.D

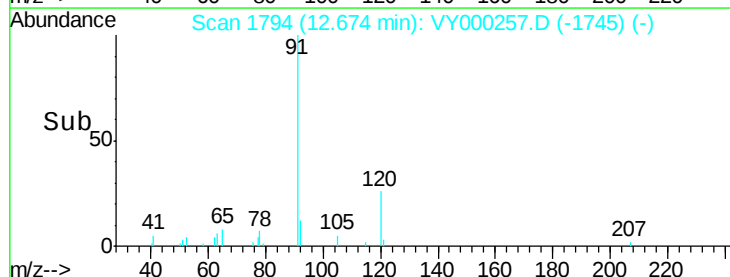
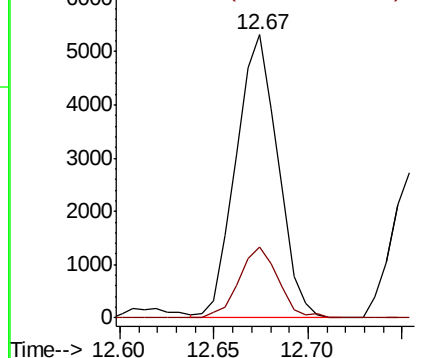
Acq: 10 Oct 2019 16:45

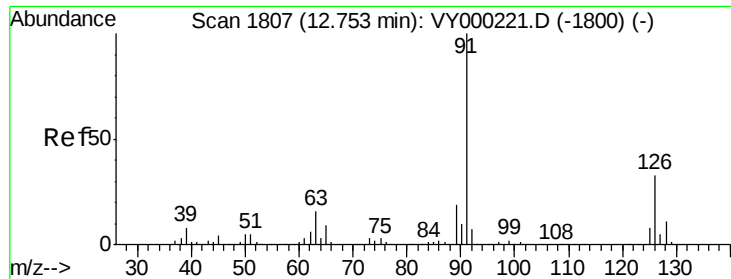
Tgt Ion:	91	Resp:	8204
Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.504 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 91 Resp: 5059

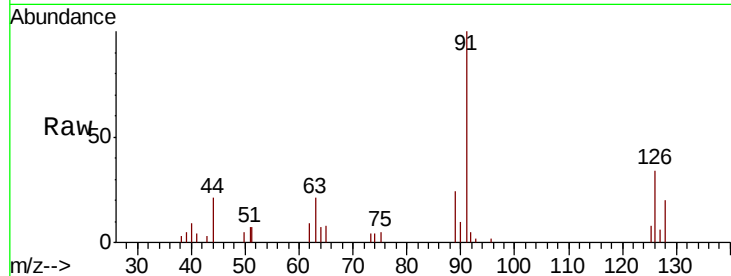
Ion Ratio Lower Upper

91 100

126 38.6 17.2 51.6

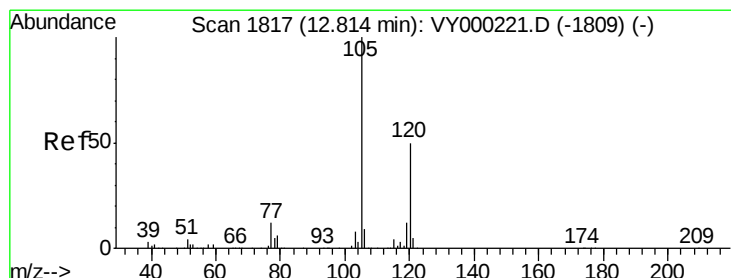
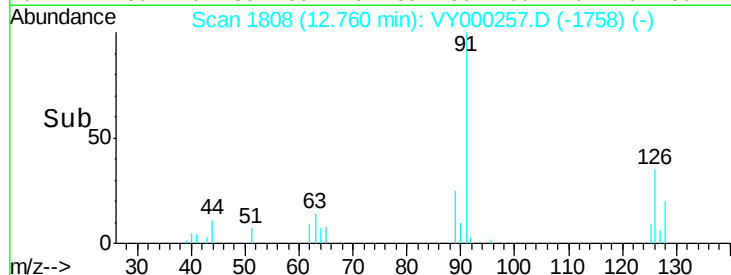
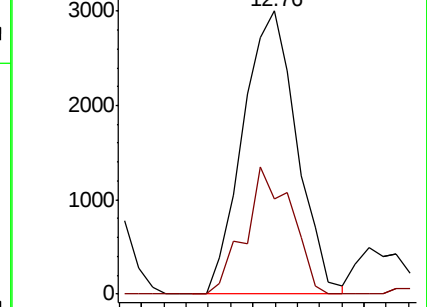
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Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000221.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.468 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000257.D

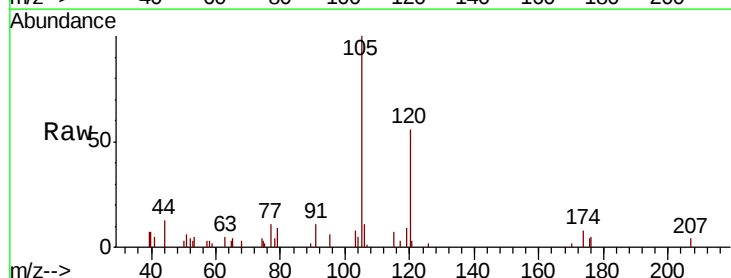
Acq: 10 Oct 2019 16:45

Tgt Ion: 105 Resp: 5839

Ion Ratio Lower Upper

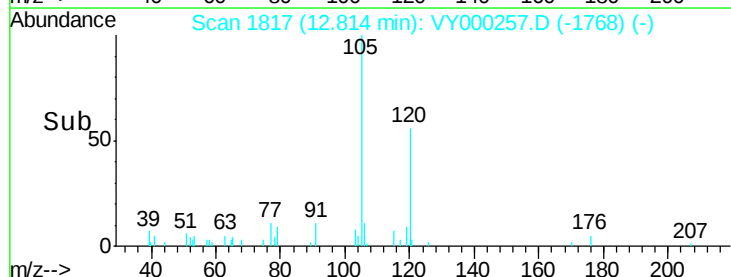
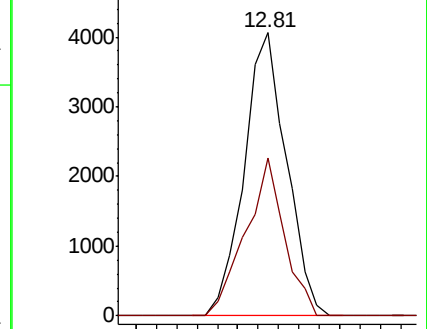
105 100

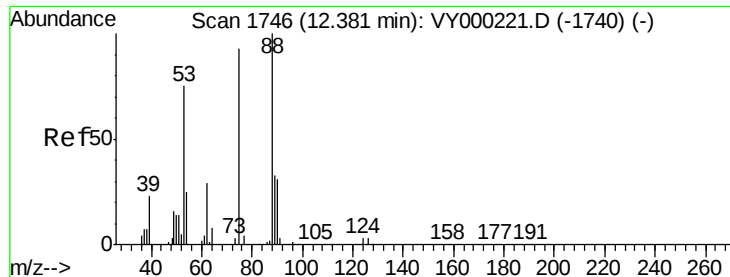
120 51.3 24.8 74.4



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

Ion 120.00 (119.70 to 120.70): VY000221.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.508 ug/l m

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

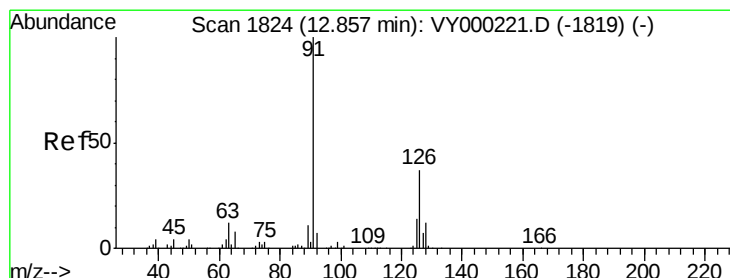
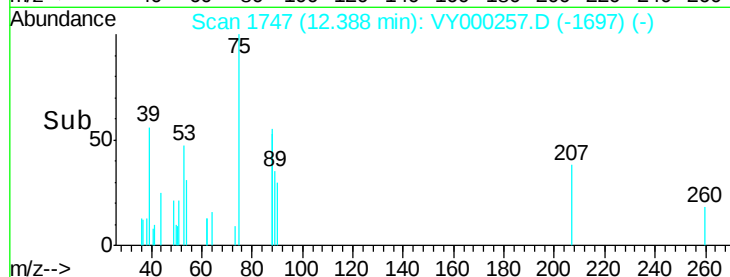
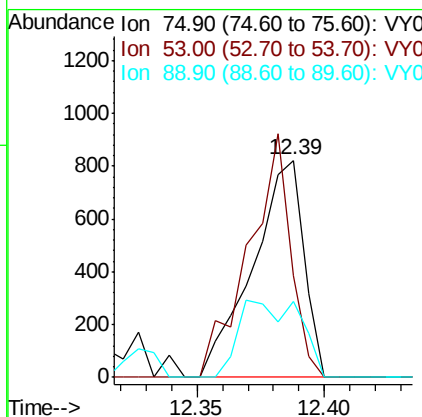
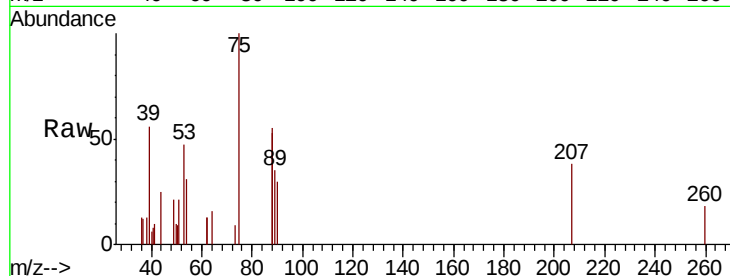
ClientSampleId :

0.5PPBMDL

Tot Ion:	75	Resp:	1146
Ion Ratio	Lower	Upper	
75	100		
53	0.0	66.5	99.7#
89	5.1	46.9	70.3#

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#82

4-Chlorotoluene

Concen: 0.529 ug/l

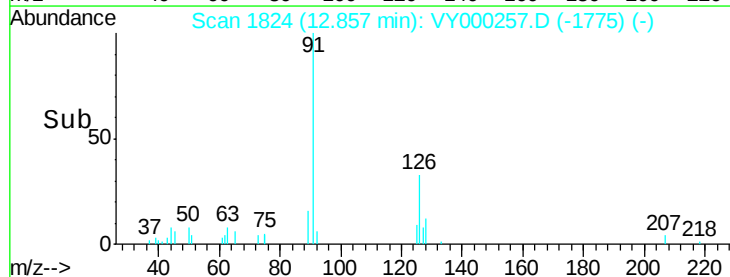
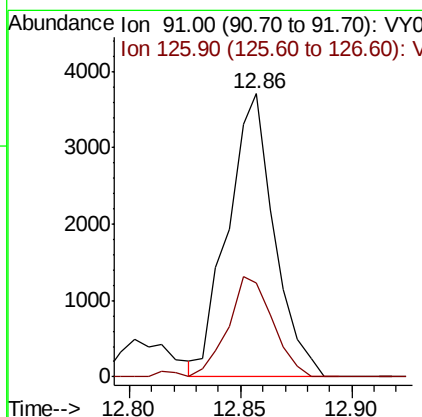
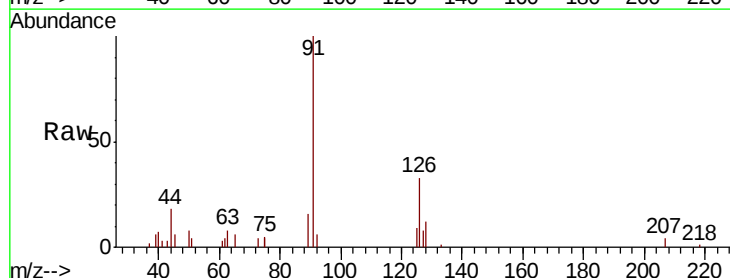
RT: 12.86 min Scan# 1824

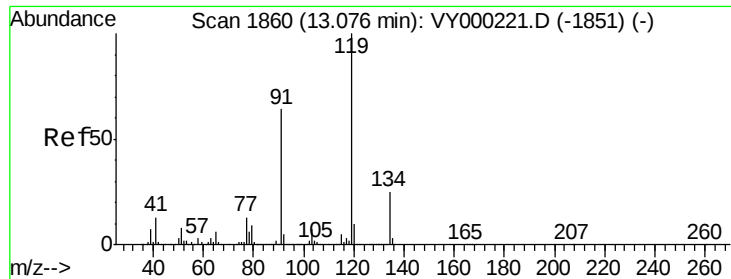
Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Tgt Ion:	91	Resp:	5381
Ion Ratio	Lower	Upper	
91	100		
126	34.8	17.3	52.0





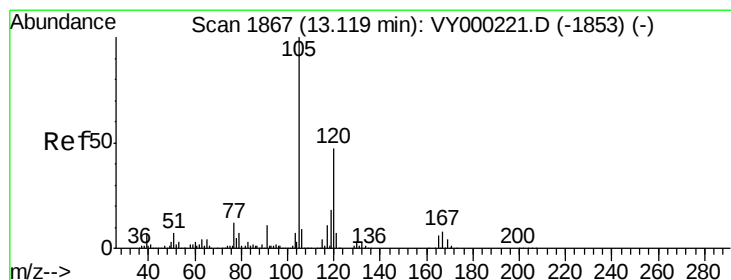
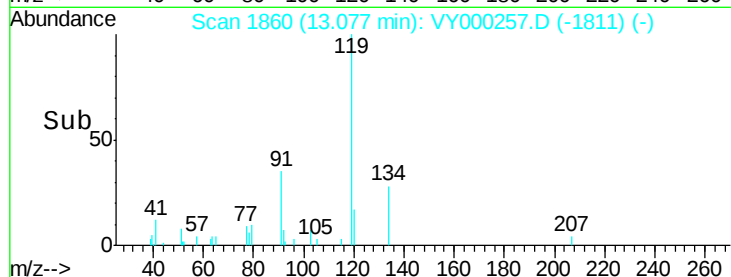
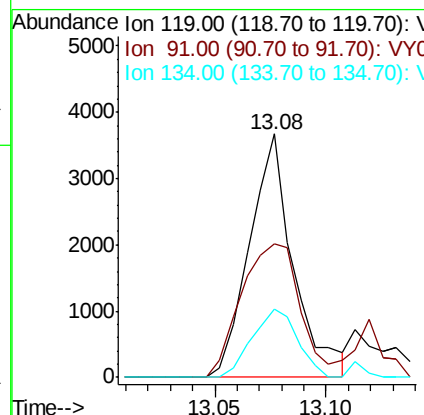
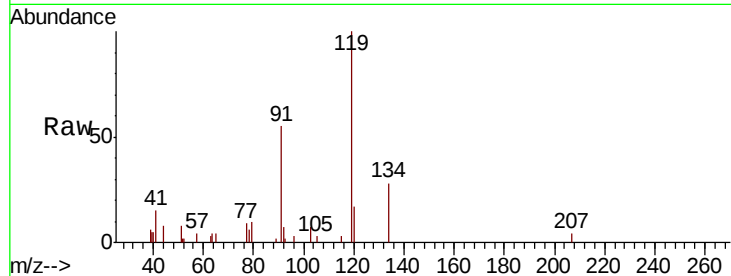
#83
 tert-Butylbenzene
 Concen: 0.465 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.9	32.4	97.2
134	28.8	13.2	39.6

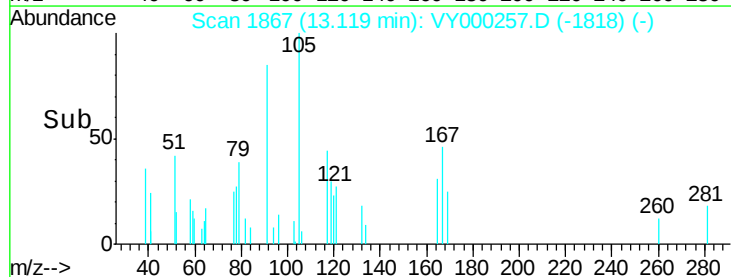
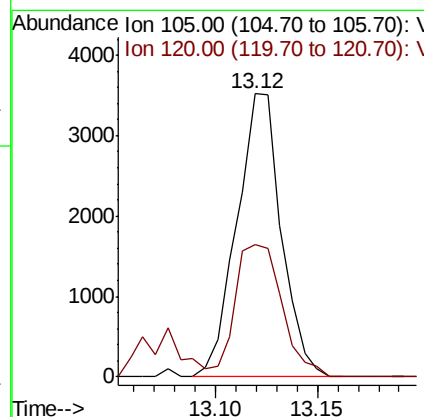
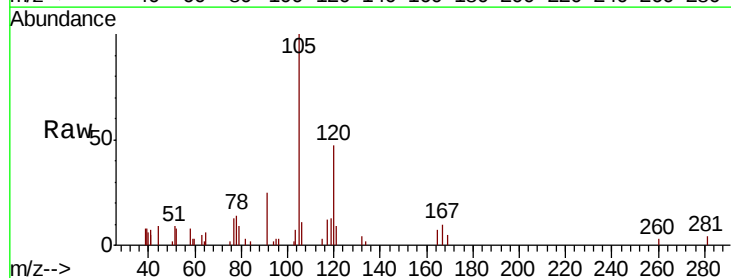
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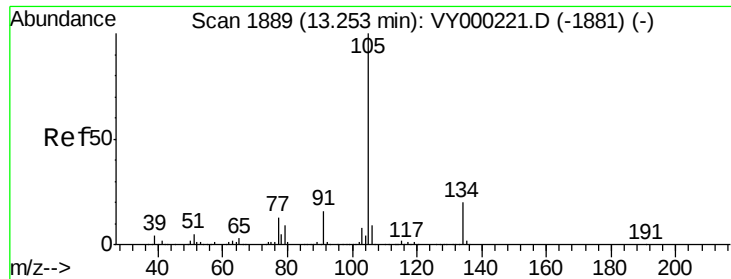
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#84
 1,2,4-Trimethylbenzene
 Concen: 0.429 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.1	22.8	68.3





#85

sec-Butylbenzene

Concen: 0.452 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion:105 Resp: 6745

Ion Ratio Lower Upper

105 100

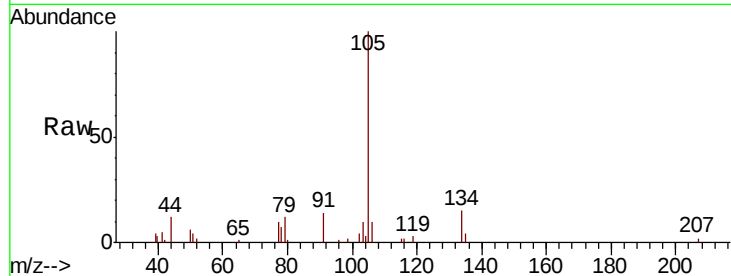
134 25.7 10.2 30.6

Manual Integrations

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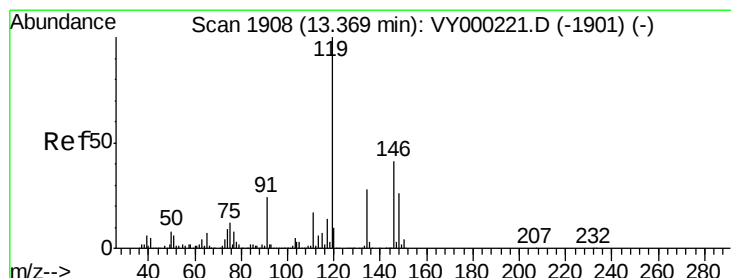
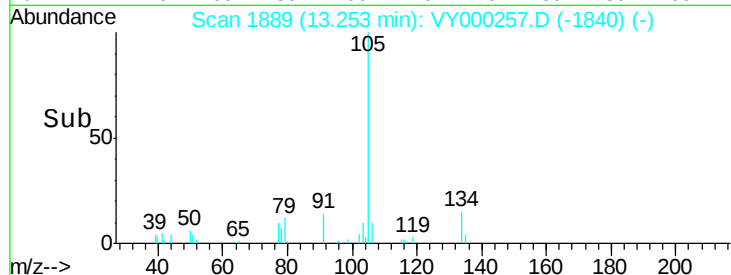


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

Time-->



#86

p-Isopropyltoluene

Concen: 0.426 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

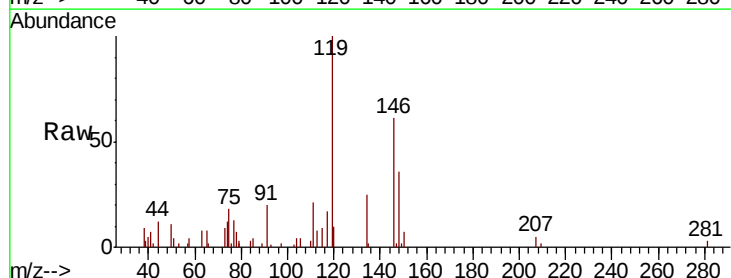
Tgt Ion:119 Resp: 5600

Ion Ratio Lower Upper

119 100

134 29.1 13.3 39.9

91 25.5 11.7 35.1



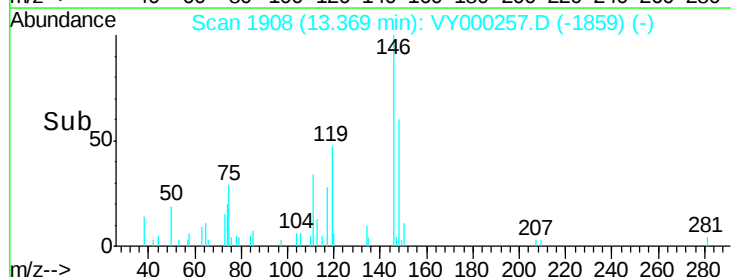
Abundance Ion 119.00 (118.70 to 119.70): V

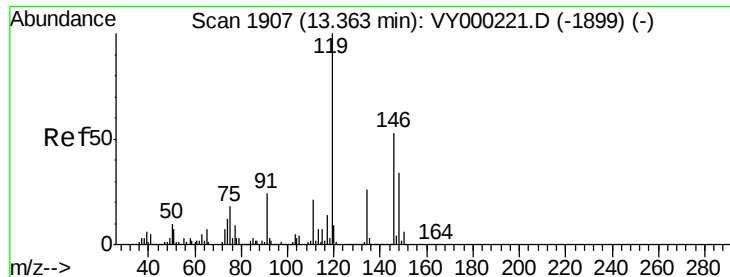
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

Time-->





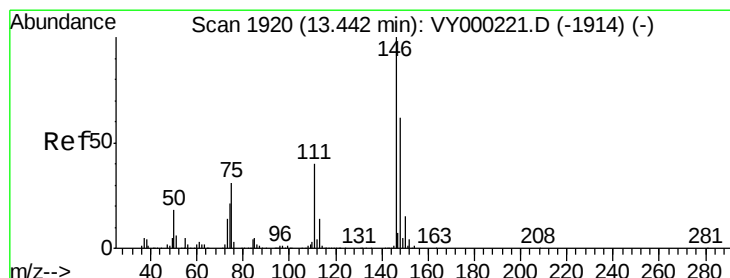
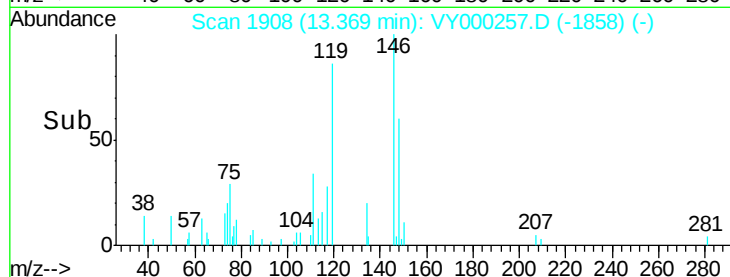
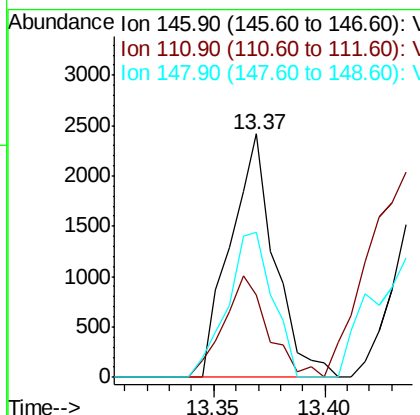
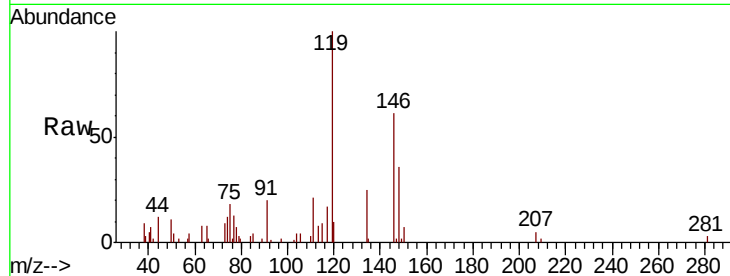
#87
 1,3-Dichlorobenzene
 Concen: 0.528 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.3	60.8
148	60.9	31.7	95.1

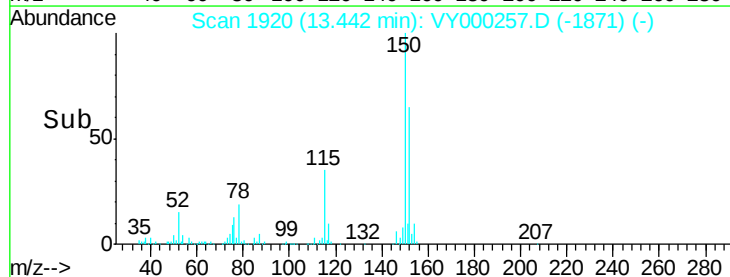
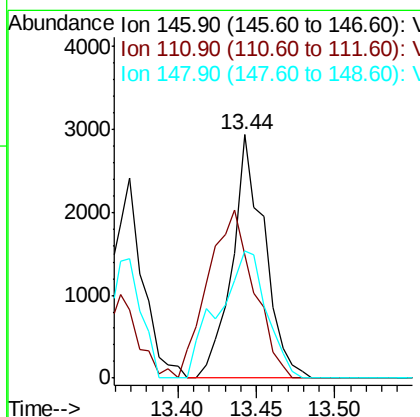
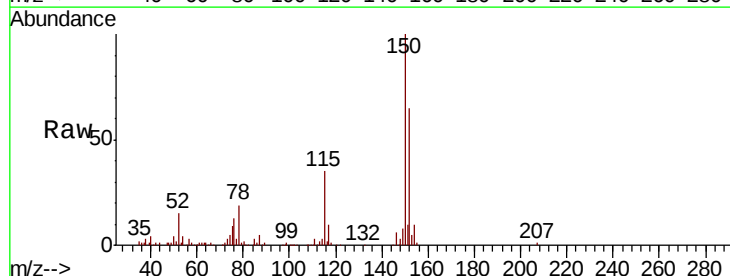
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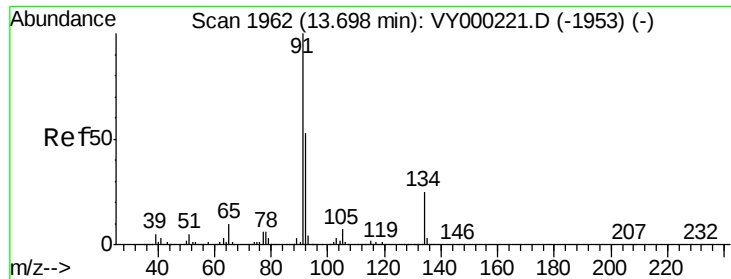
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#88
 1,4-Dichlorobenzene
 Concen: 0.631 ug/l m
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.8	19.8	59.3
148	48.9	31.6	94.8





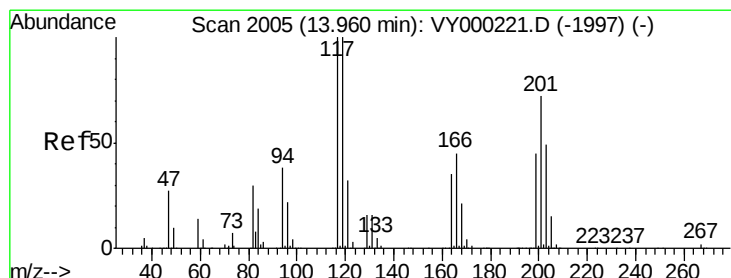
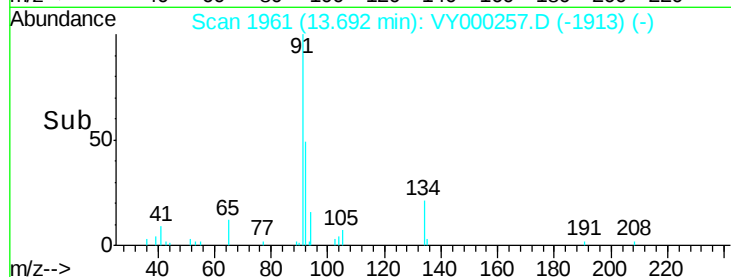
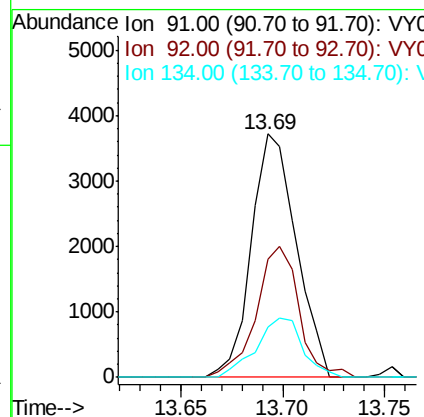
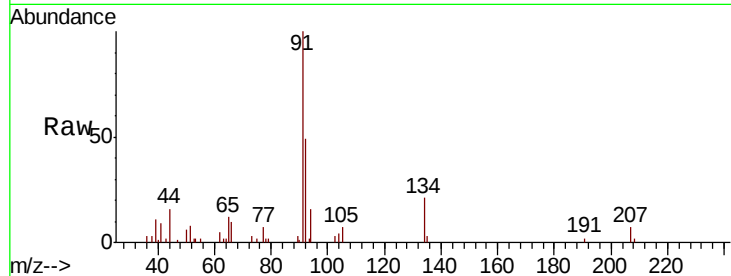
#89
n-Butylbenzene
Concen: 0.460 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	27.0	80.8
134	25.2	12.8	38.4

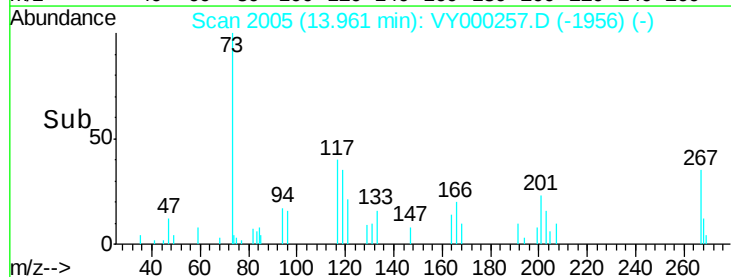
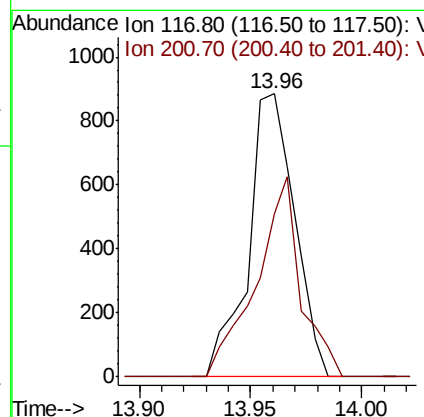
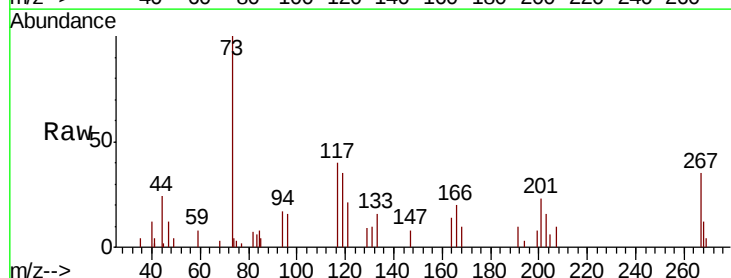
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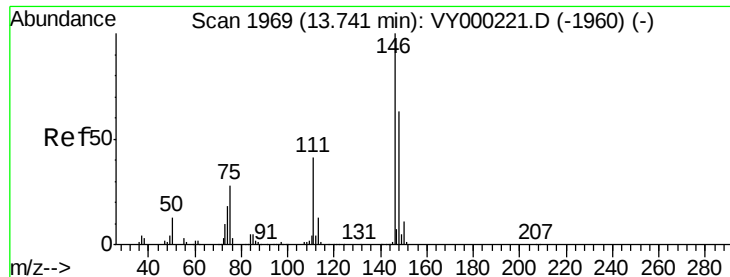
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#90
Hexachloroethane
Concen: 0.516 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.7	35.5	106.5





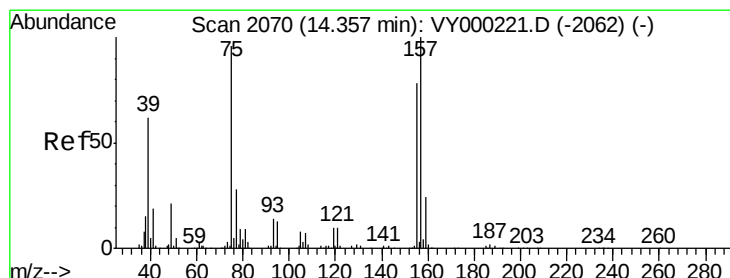
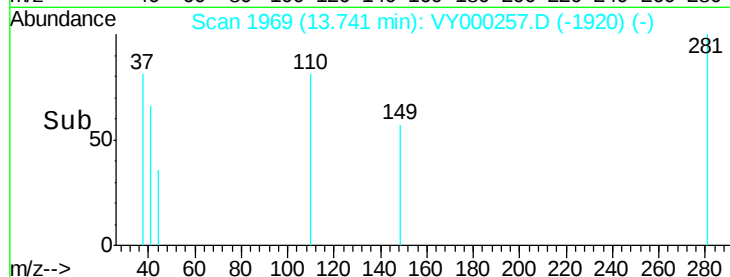
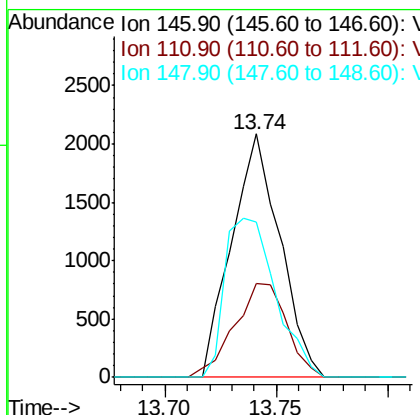
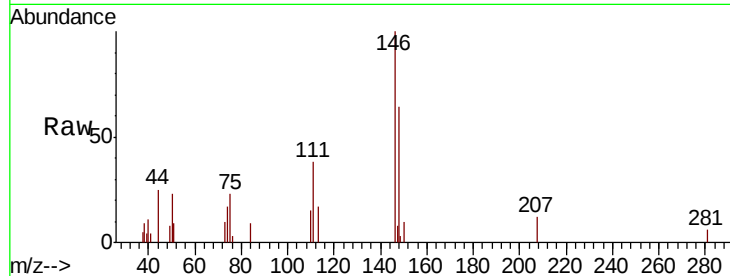
#91
 1,2-Dichlorobenzene
 Concen: 0.490 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.8
148	68.9	31.6	95.0

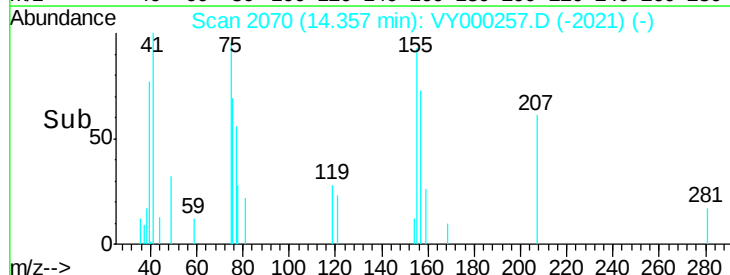
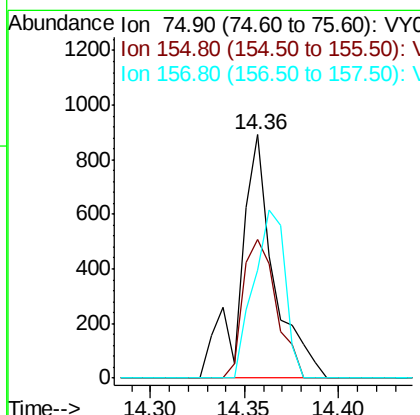
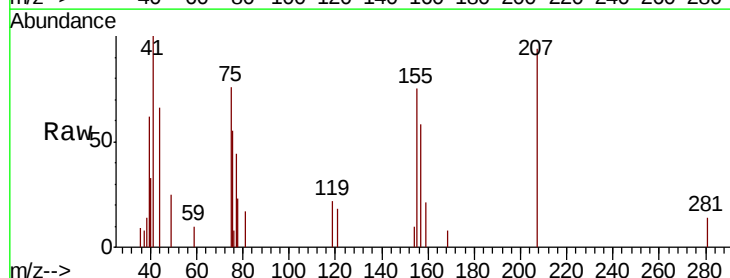
Manual Integrations
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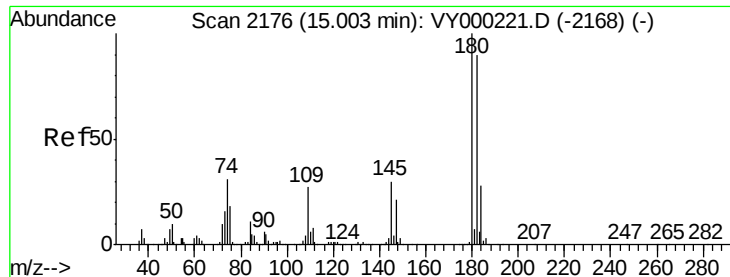
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.694 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	56.3	42.4	127.3
157	64.3	53.8	161.5





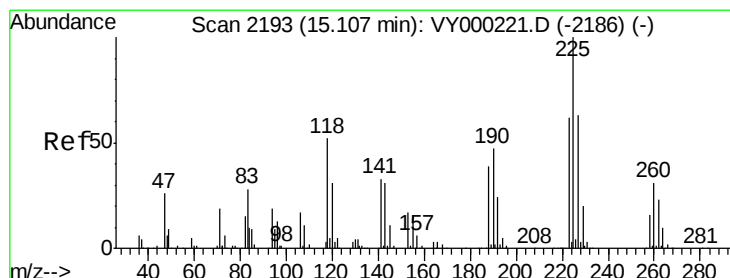
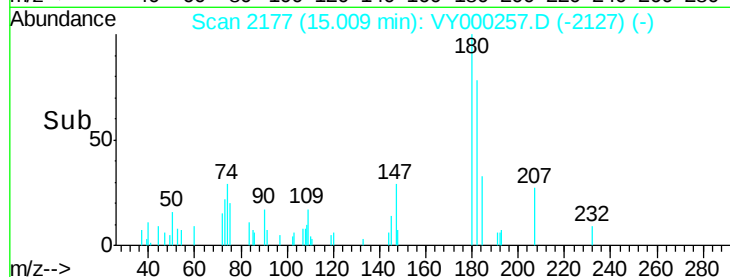
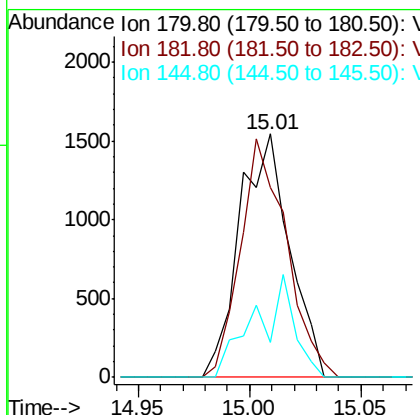
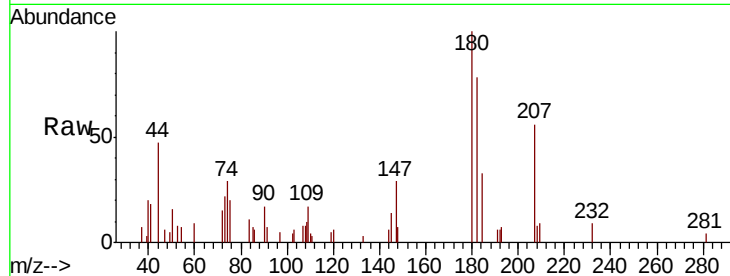
#93
 1,2,4-Trichlorobenzene
 Concen: 0.552 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.6	47.2	141.6
145	32.9	15.3	45.8

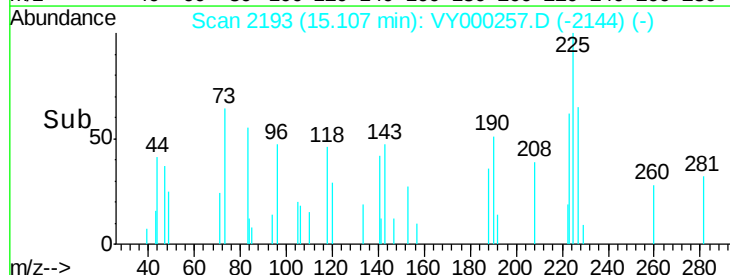
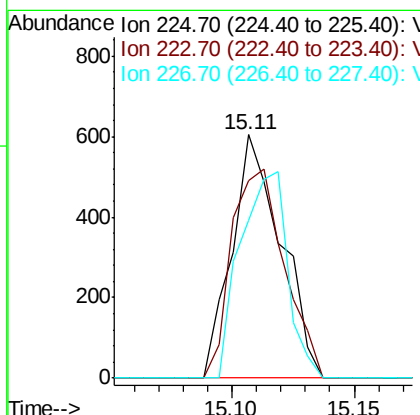
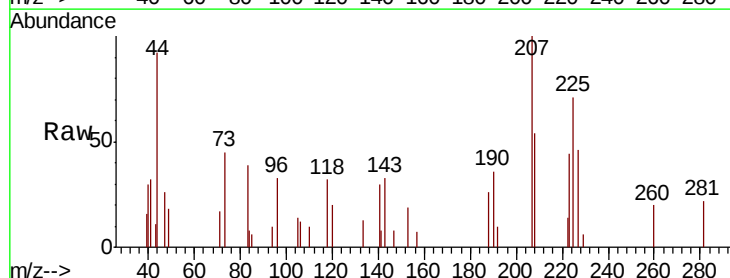
Manual Integrations
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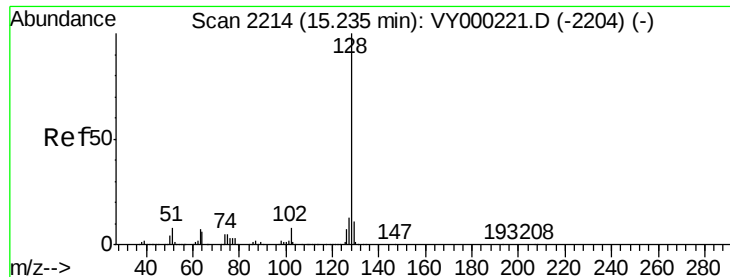
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#94
 Hexachlorobutadiene
 Concen: 0.407 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	92.2	31.9	95.5
227	81.0	31.5	94.5





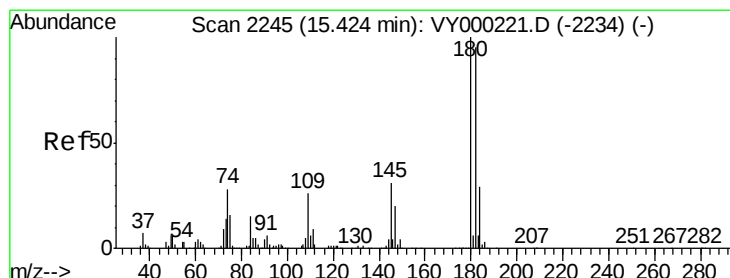
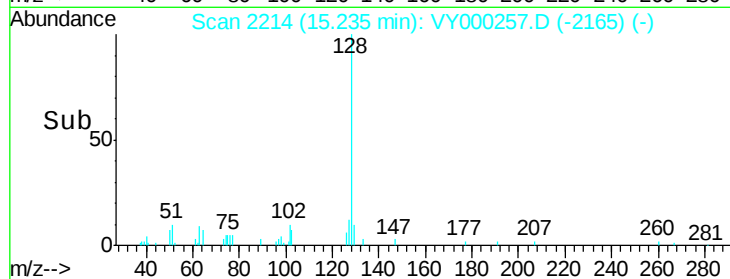
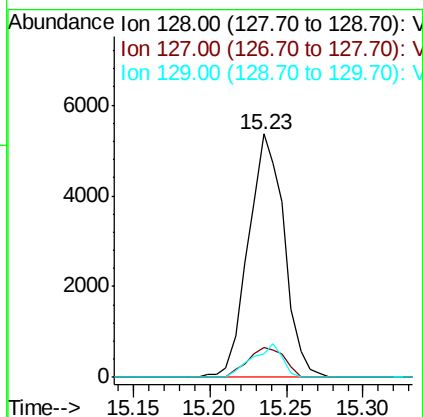
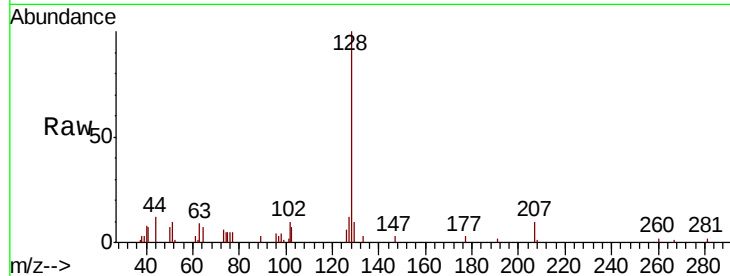
#95
Naphthalene
Concen: 0.532 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.3	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 0.641 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	76.6	47.9	143.7
145	26.2	16.3	48.9

