

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000254.D
 Acq On : 10 Oct 2019 15:38
 Operator : SY/MD
 Sample : VY1010WBS01
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:33:07 PM

Quant Time: Oct 11 07:08:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 02:22:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	276442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	469089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	417980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	196525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	170921	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	7.73	113	136288	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
50) Toluene-d8	10.19	98	502821	43.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.60%	
62) 4-Bromofluorobenzene	12.48	95	179324	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	50825	18.416	ug/l	97
3) Chloromethane	2.12	50	68886	18.329	ug/l	99
4) Vinyl Chloride	2.25	62	70821	18.251	ug/l	99
5) Bromomethane	2.64	94	55403	22.629	ug/l	93
6) Chloroethane	2.79	64	45995	18.767	ug/l	97
7) Trichlorofluoromethane	3.13	101	93535	18.653	ug/l	97
8) Diethyl Ether	3.53	74	42205	18.409	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	53486	18.269	ug/l	98
10) Methyl Iodide	4.10	142	76721	16.523	ug/l	97
11) Tert butyl alcohol	4.97	59	198448	102.739	ug/l	100
12) 1,1-Dichloroethene	3.88	96	55787	18.355	ug/l	96
13) Acrolein	3.73	56	78448	77.371	ug/l	98
14) Allyl chloride	4.49	41	92896	18.139	ug/l	95
15) Acrylonitrile	5.17	53	334874	98.212	ug/l	99
16) Acetone	3.95	43	291727	103.599	ug/l	99
17) Carbon Disulfide	4.19	76	156041	17.419	ug/l	99
18) Methyl Acetate	4.48	43	151815	19.673	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	216249	19.448	ug/l	96
20) Methylene Chloride	4.72	84	68747	18.584	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	61843	18.088	ug/l	99
22) Diisopropyl ether	6.13	45	226611	19.099	ug/l	90
23) Vinyl Acetate	6.07	43	1037178	89.879	ug/l	100
24) 1,1-Dichloroethane	6.04	63	115016	19.004	ug/l	97
25) 2-Butanone	7.00	43	534651	102.632	ug/l	97
26) 2,2-Dichloropropane	6.99	77	97095	17.772	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	73940	18.359	ug/l	100
28) Bromochloromethane	7.34	49	48864	24.529	ug/l	96
29) Tetrahydrofuran	7.36	42	358252	97.375	ug/l	98
30) Chloroform	7.52	83	119382	19.007	ug/l	98
31) Cyclohexane	7.79	56	103195	16.881	ug/l #	96
32) 1,1,1-Trichloroethane	7.71	97	100549	18.829	ug/l	98
36) 1,1-Dichloropropene	7.93	75	84706	17.747	ug/l	98
37) Ethyl Acetate	7.08	43	165722	19.206	ug/l	99
38) Carbon Tetrachloride	7.91	117	84250	18.111	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	105267	17.581	ug/l	93
40) Benzene	8.17	78	271045	18.720	ug/l	96
41) Methacrylonitrile	7.35	41	125828m	18.527	ug/l	
42) 1,2-Dichloroethane	8.25	62	95828	20.377	ug/l	98
43) Isopropyl Acetate	8.28	43	222122	20.000	ug/l	99
44) Trichloroethene	8.95	130	74736	19.035	ug/l	96
45) 1,2-Dichloropropane	9.22	63	69569	19.183	ug/l	96
46) Dibromomethane	9.32	93	48309	19.001	ug/l	97
47) Bromodichloromethane	9.50	83	95307	19.164	ug/l	96
48) Methyl methacrylate	9.30	41	98701	19.689	ug/l	98
49) 1,4-Dioxane	9.30	88	51447	399.787	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	850178	101.857	ug/l	99
52) Toluene	10.25	92	166396	17.918	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	106259	18.833	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	113498	18.591	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	72911	19.912	ug/l	97
56) Ethyl methacrylate	10.52	69	125807	19.515	ug/l	99
57) 1,3-Dichloropropane	10.80	76	122600	19.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	345322	120.175	ug/l	99
59) 2-Hexanone	10.84	43	734571	95.031	ug/l	99
60) Dibromochloromethane	10.99	129	74417	19.222	ug/l	99
61) 1,2-Dibromoethane	11.10	107	76019	19.545	ug/l	100
64) Tetrachloroethene	10.72	164	74558	19.515	ug/l	96
65) Chlorobenzene	11.52	112	173650	17.928	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	66555	19.220	ug/l	99
67) Ethyl Benzene	11.60	91	310721	17.945	ug/l	99
68) m/p-Xylenes	11.70	106	239296	36.219	ug/l	99
69) o-Xylene	12.03	106	118795	18.664	ug/l	96
70) Styrene	12.05	104	198002	18.060	ug/l	99
71) Bromoform	12.21	173	56620	19.815	ug/l #	100
73) Isopropylbenzene	12.33	105	301490	18.104	ug/l	98
74) N-amyl acetate	12.14	43	162402	18.548	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	111831	19.677	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	105186m	20.272	ug/l	
77) Bromobenzene	12.61	156	73253	18.758	ug/l	99
78) n-propylbenzene	12.67	91	351261	18.058	ug/l	98
79) 2-Chlorotoluene	12.76	91	199710	17.832	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	258436	18.598	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	45478	17.554	ug/l #	88
82) 4-Chlorotoluene	12.86	91	210270	18.537	ug/l	100
83) tert-Butylbenzene	13.08	119	218908	18.125	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	255468	18.401	ug/l	99
85) sec-Butylbenzene	13.25	105	302122	18.149	ug/l	98
86) p-Isopropyltoluene	13.37	119	269211	18.390	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	134041	18.939	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	134279	18.214	ug/l	98
89) n-Butylbenzene	13.70	91	245841	17.819	ug/l	100
90) Hexachloroethane	13.96	117	50170	18.118	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	133759	18.672	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	37784	19.646	ug/l	96

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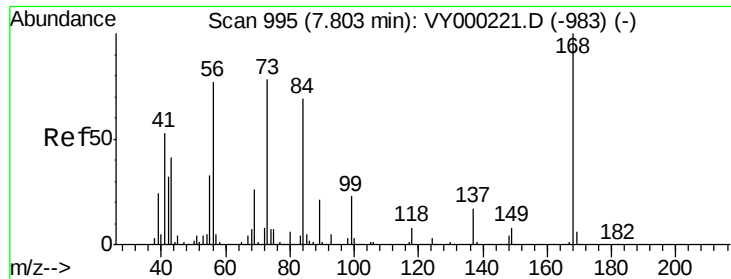
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	89852	18.473	ug/l	98
94) Hexachlorobutadiene	15.11	225	42334	18.213	ug/l	98
95) Naphthalene	15.23	128	349293	19.090	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	88864	18.994	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1010WBS01

Tot Ion:168 Resp: 276442

Ion Ratio Lower Upper

168 100

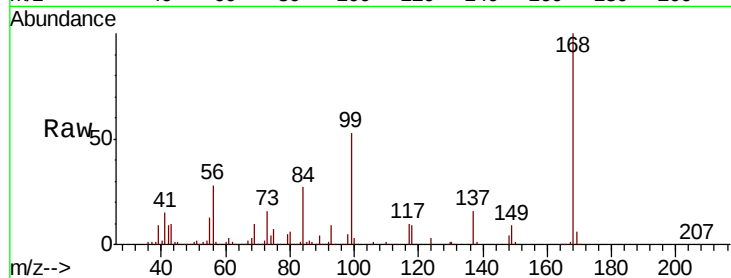
99 52.5 45.0 67.6

Manual Integrations

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10/14/2019 1:33:07 PM



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

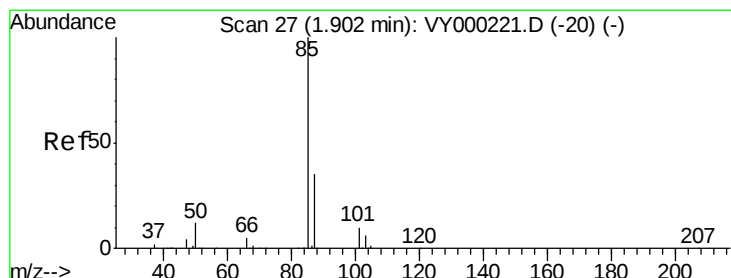
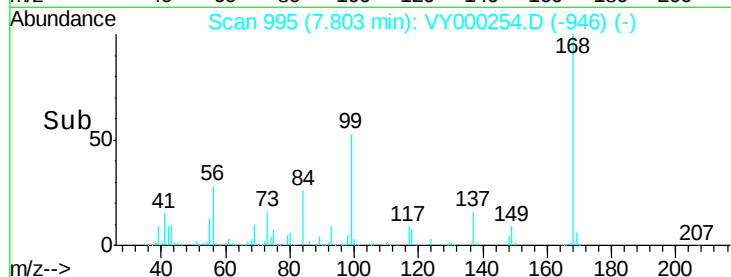
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.416 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000254.D

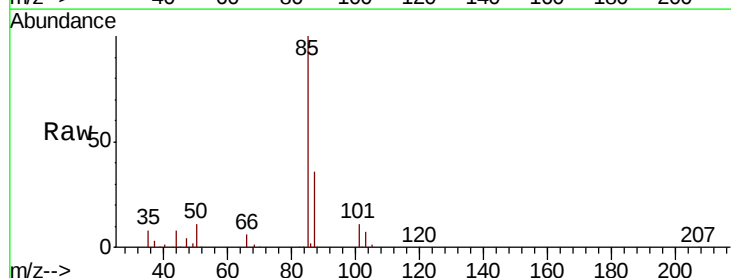
Acq: 10 Oct 2019 15:38

Tgt Ion: 85 Resp: 50825

Ion Ratio Lower Upper

85 100

87 36.4 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

30000

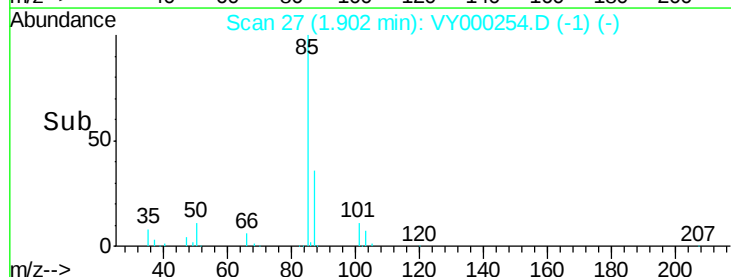
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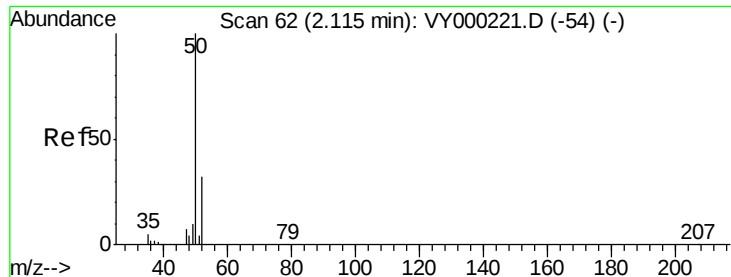
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 18.329 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1010WBS01

Tot Ion: 50 Resp: 68886

Ion Ratio Lower Upper

50 100

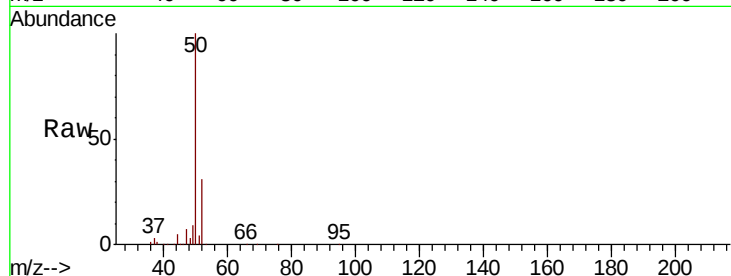
52 31.0 25.4 38.0

Manual Integrations

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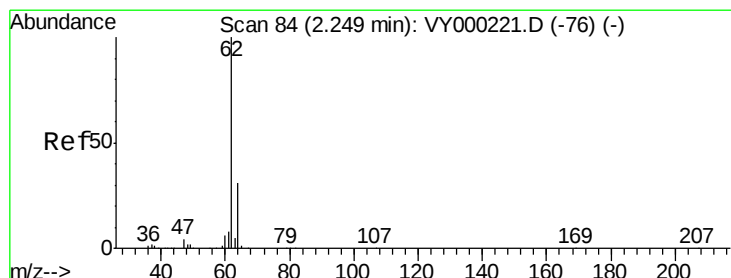
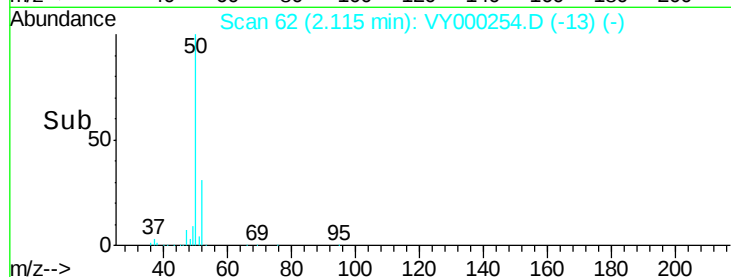
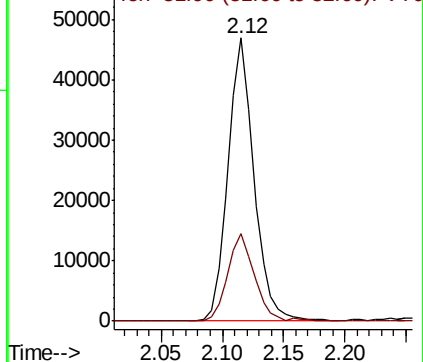
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.251 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000254.D

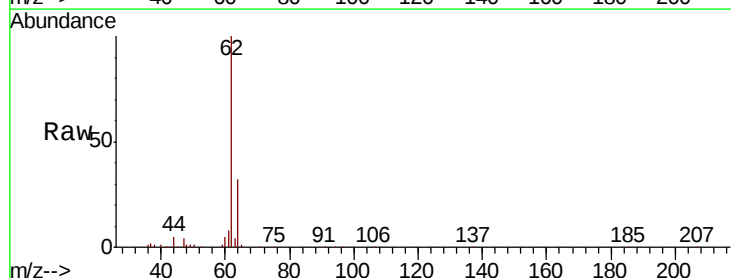
Acq: 10 Oct 2019 15:38

Tgt Ion: 62 Resp: 70821

Ion Ratio Lower Upper

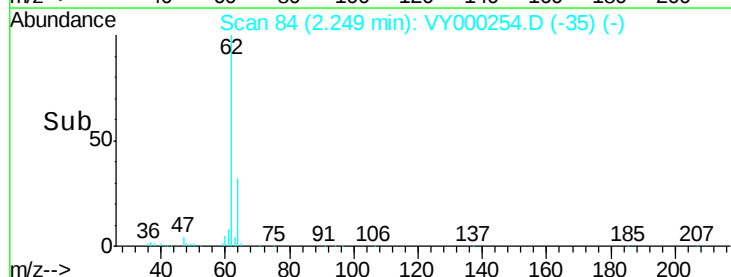
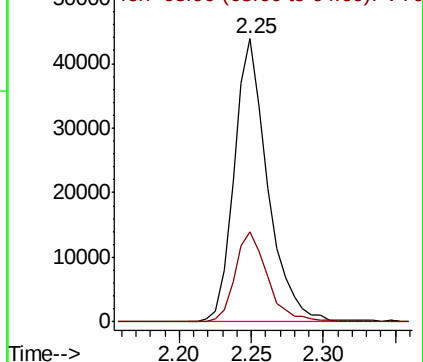
62 100

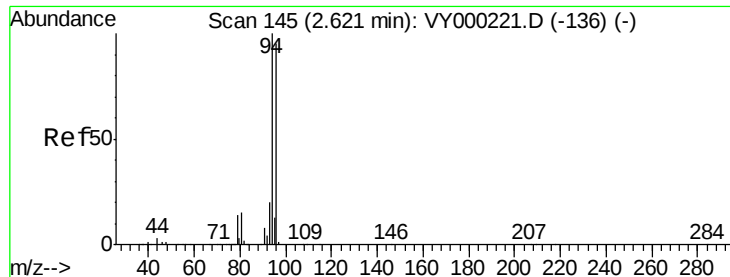
64 31.9 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.629 ug/l

RT: 2.64 min Scan# 148

Delta R.T. 0.02 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1010WBS01

Tot Ion: 94 Resp: 55403

Ion Ratio Lower Upper

94 100

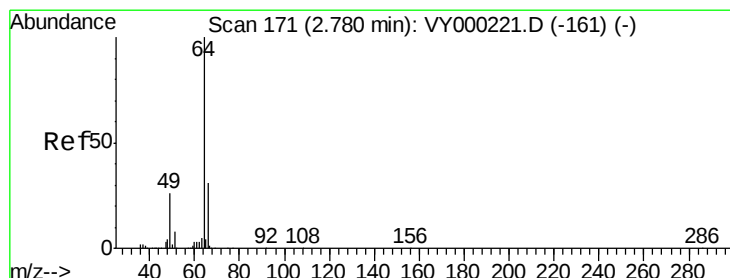
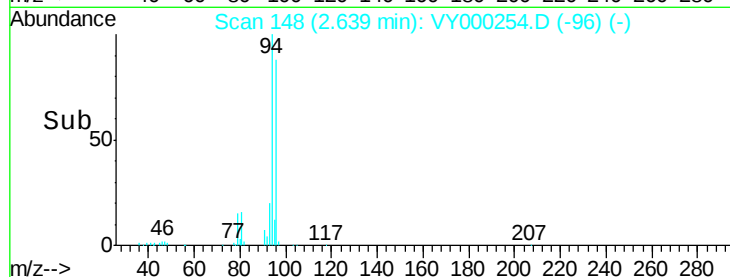
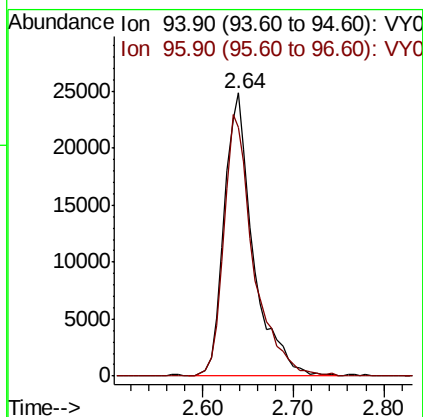
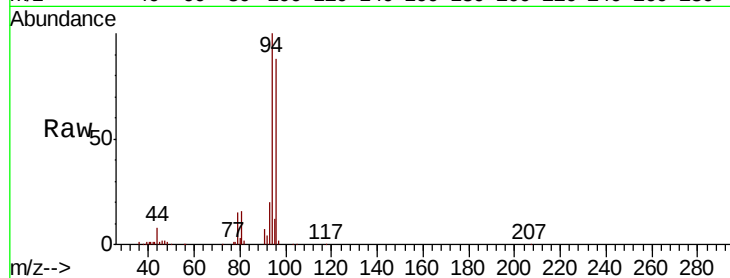
96 87.9 75.7 113.5

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#6

Chloroethane

Concen: 18.767 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000254.D

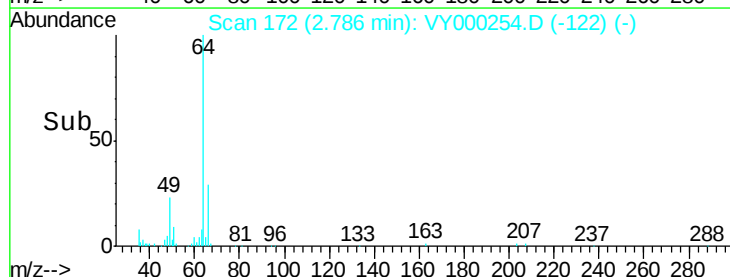
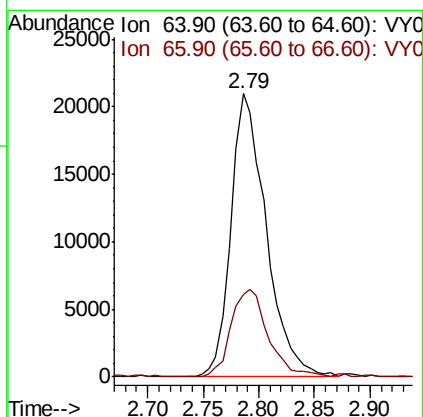
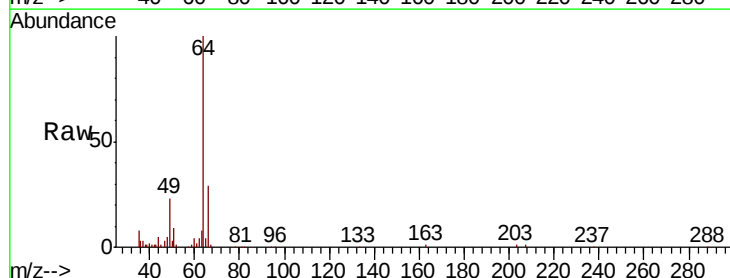
Acq: 10 Oct 2019 15:38

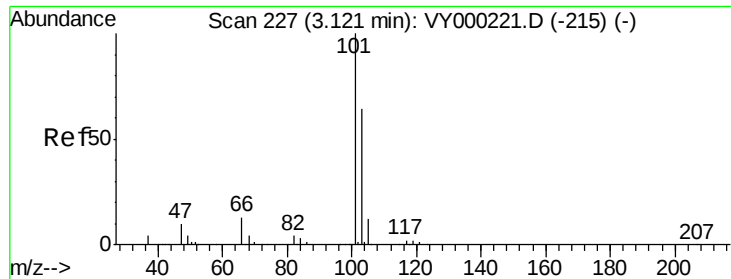
Tgt Ion: 64 Resp: 45995

Ion Ratio Lower Upper

64 100

66 28.9 24.5 36.7





#7

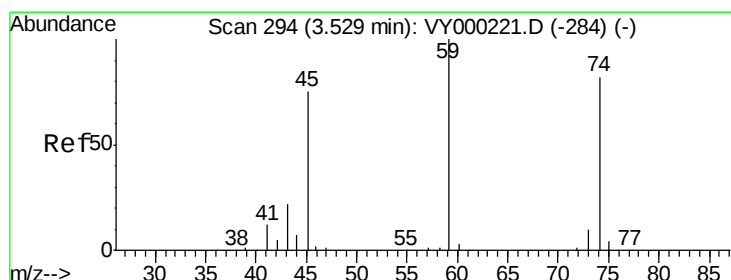
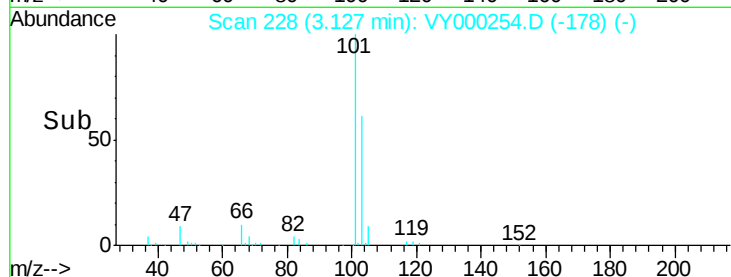
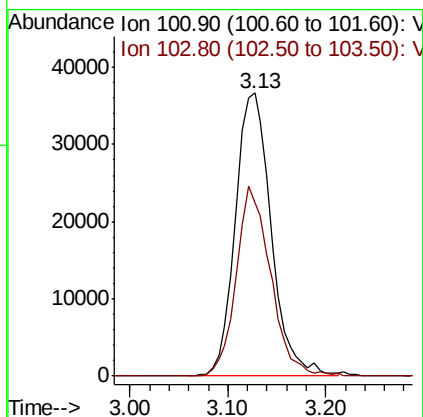
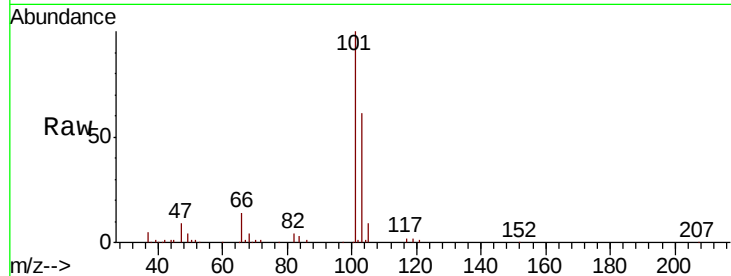
Trichlorofluoromethane
Concen: 18.653 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

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ClientSampleId :
VY1010WBS01

Tot Ion:101 Resp: 93535
Ion Ratio Lower Upper
101 100
103 61.4 51.0 76.6

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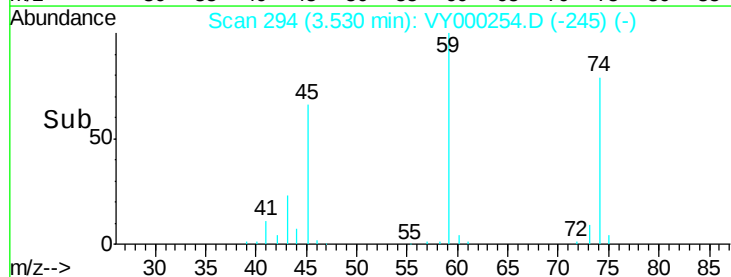
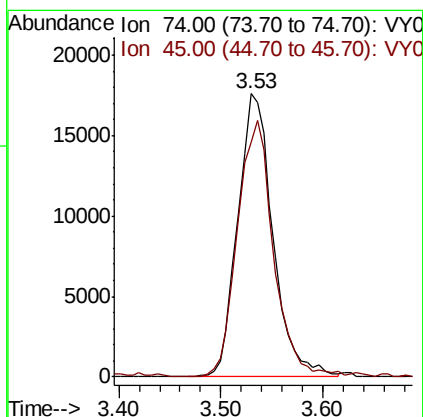
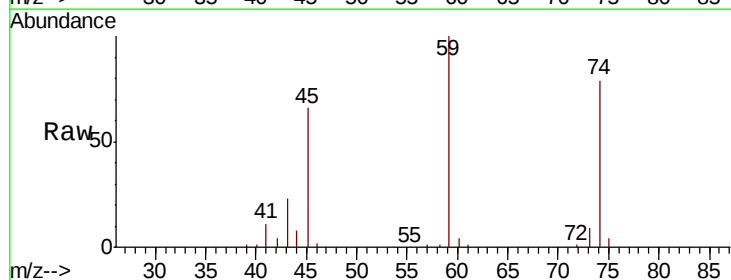
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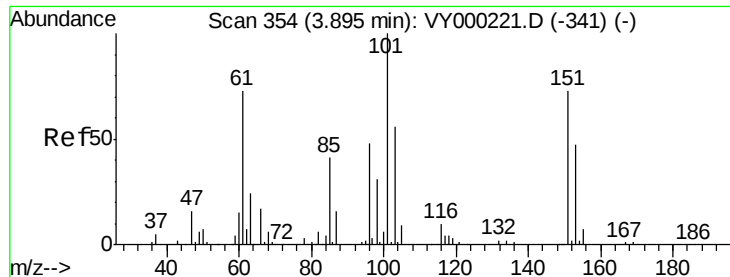


#8

Diethyl Ether
Concen: 18.409 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion: 74 Resp: 42205
Ion Ratio Lower Upper
74 100
45 93.0 45.8 137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.269 ug/l

RT: 3.90 min Scan# 354

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

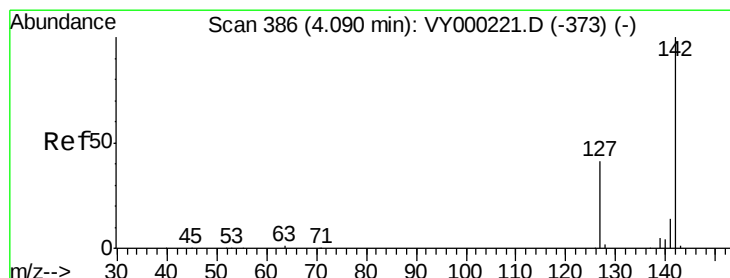
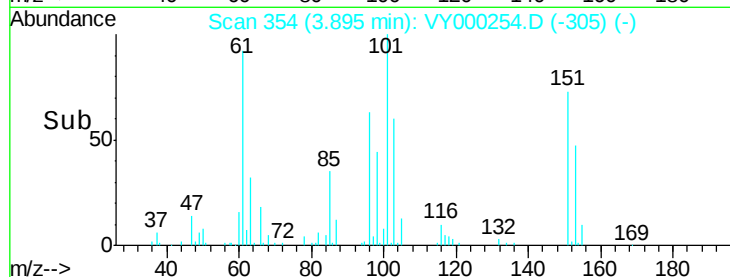
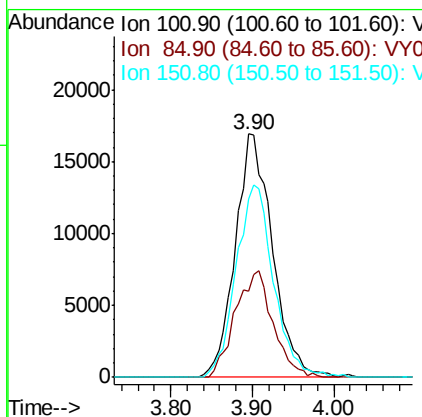
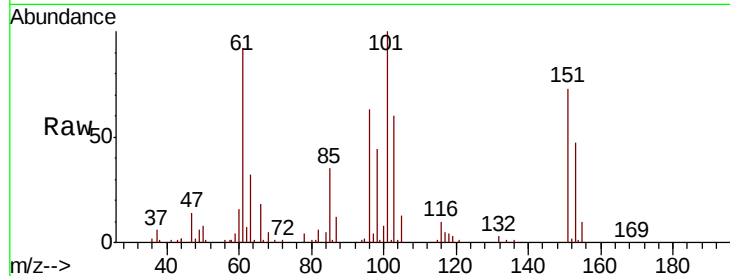
ClientSampleId :

VY1010WBS01

Tot Ion:	101	Resp:	53486
Ion Ratio	Lower	Upper	
101	100		
85	44.4	37.0	55.6
151	79.9	63.0	94.4

Manual Integrations
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#10

Methyl Iodide

Concen: 16.523 ug/l

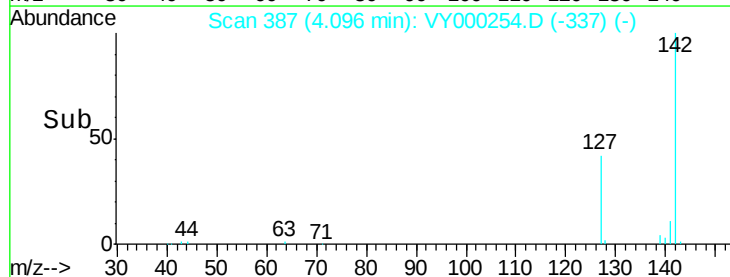
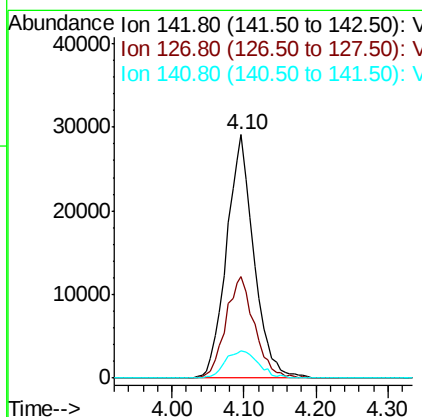
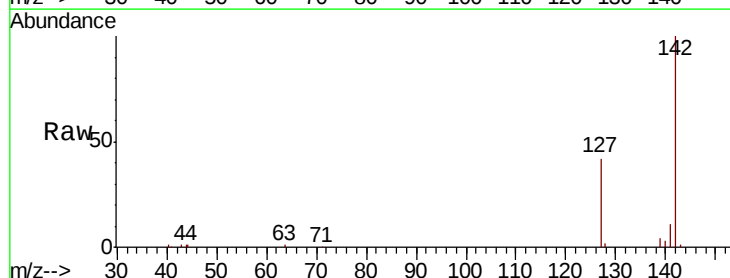
RT: 4.10 min Scan# 387

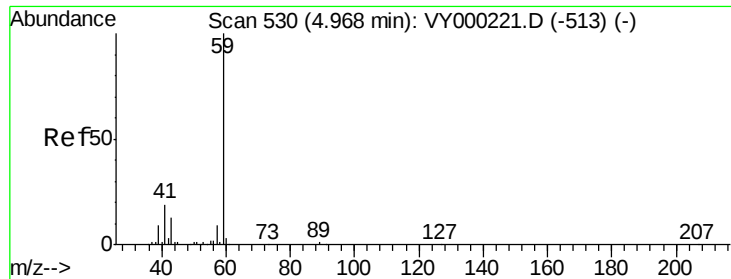
Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Tgt Ion:	142	Resp:	76721
Ion Ratio	Lower	Upper	
142	100		
127	44.0	33.0	49.6
141	13.7	11.0	16.4





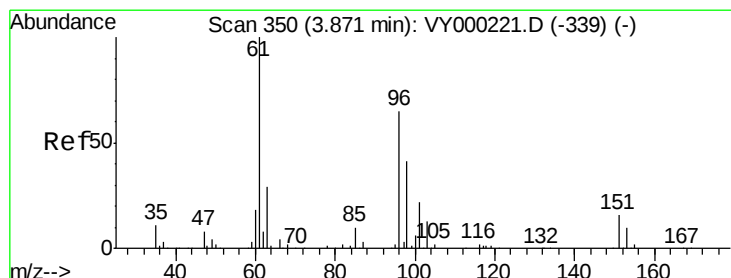
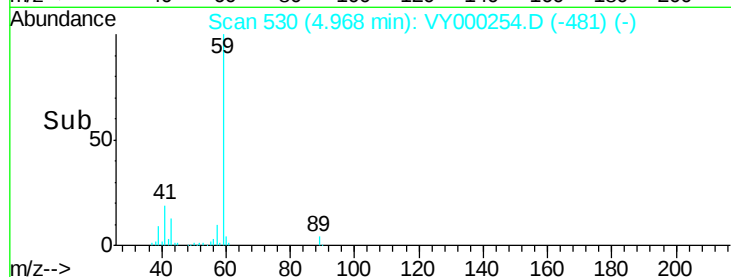
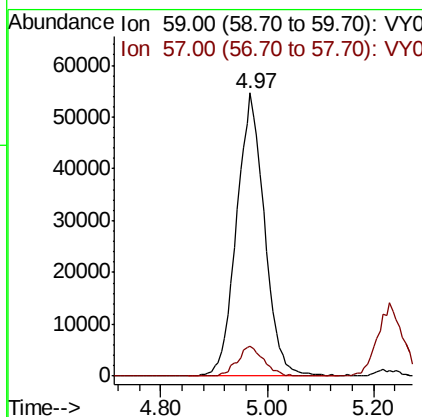
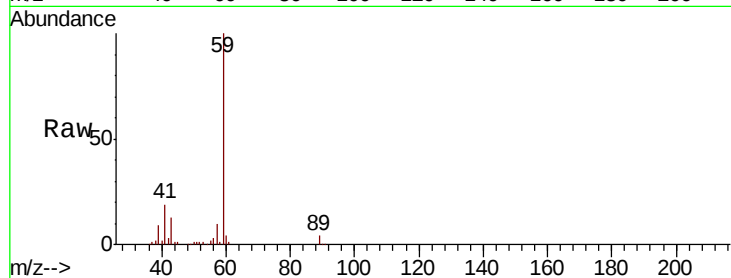
#11
Tert butyl alcohol
Concen: 102.739 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion	59	Resp	198448
Ion Ratio	100	Lower	Upper
57	10.1	8.0	12.0

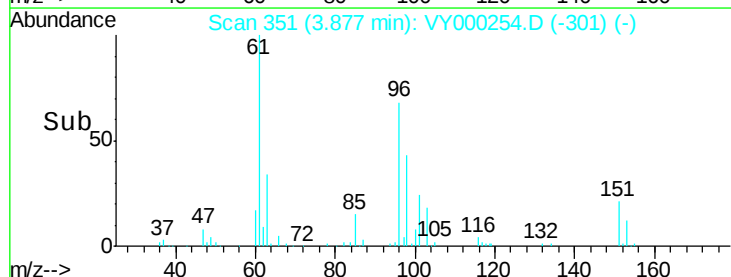
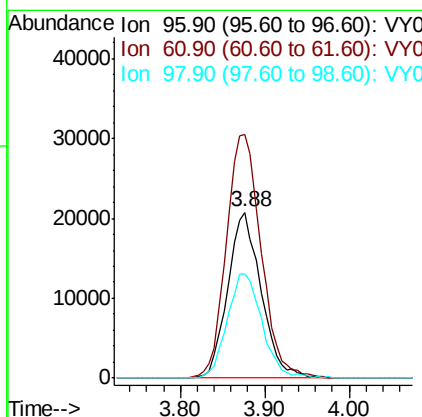
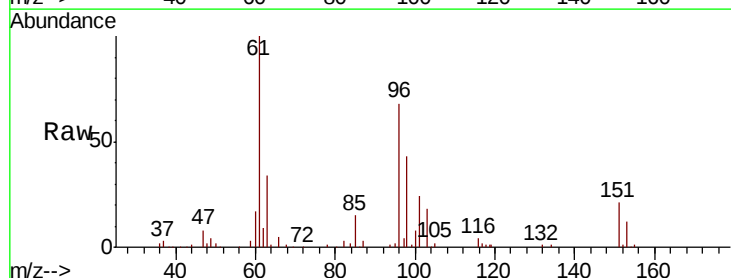
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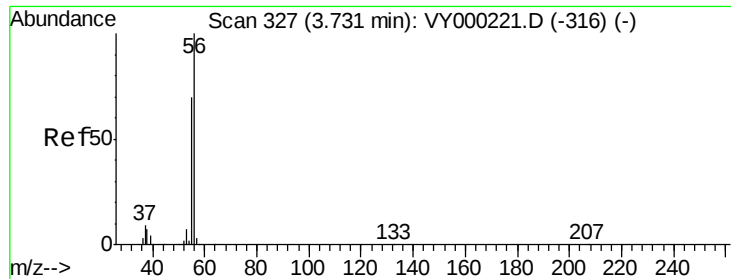
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.355 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	96	Resp	55787
Ion Ratio	100	Lower	Upper
61	147.0	123.8	185.8
98	63.0	50.9	76.3





#13

Acrolein

Concen: 77.371 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1010WBS01

Tot Ion: 56 Resp: 78448

Ion Ratio Lower Upper

56 100

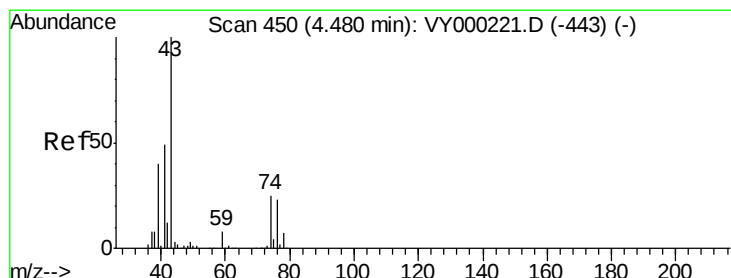
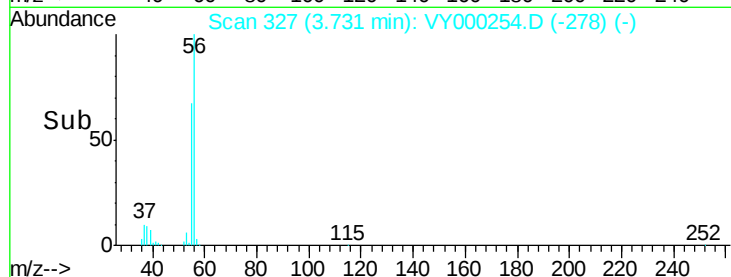
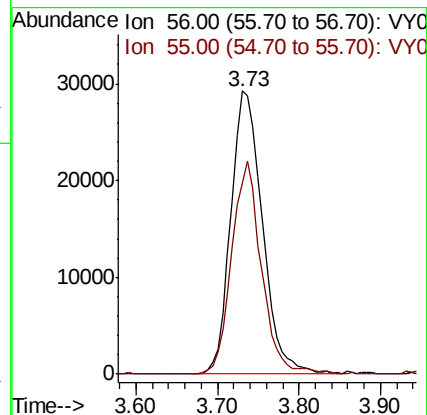
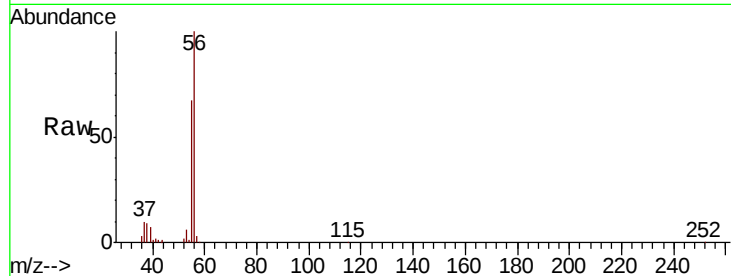
55 70.4 55.2 82.8

Manual Integrations

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#14

Allyl chloride

Concen: 18.139 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

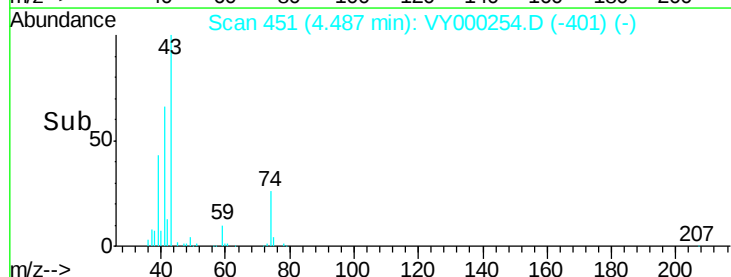
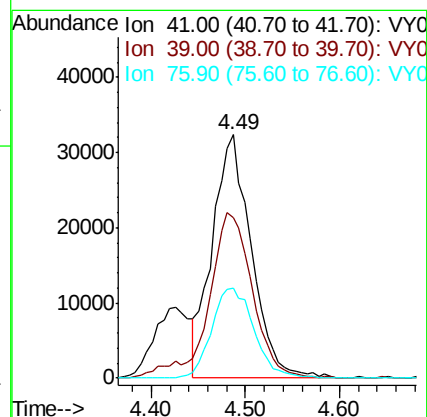
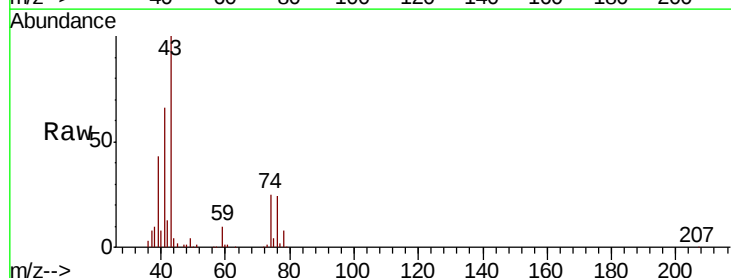
Tgt Ion: 41 Resp: 92896

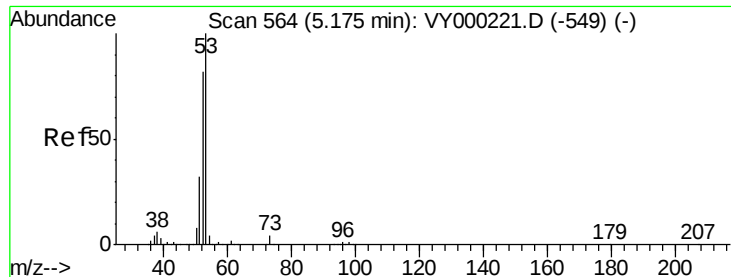
Ion Ratio Lower Upper

41 100

39 76.0 56.4 84.6

76 40.1 30.8 46.2





#15

Acrylonitrile

Concen: 98.212 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

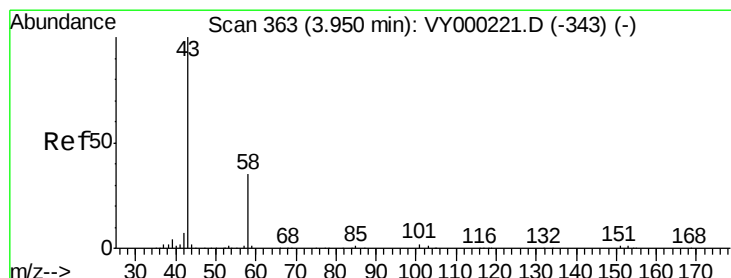
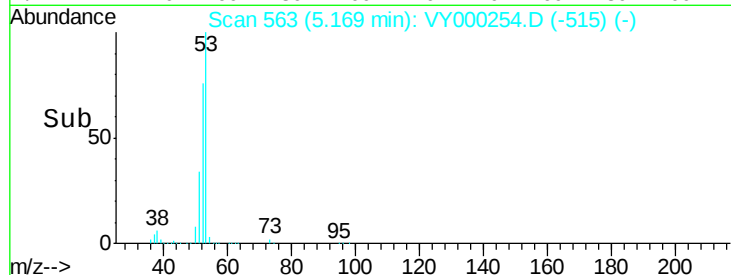
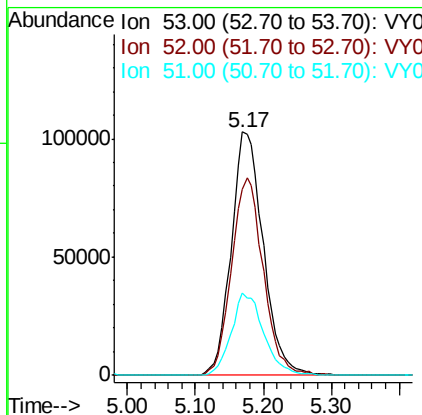
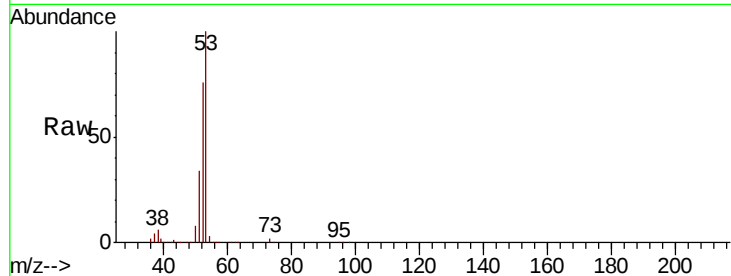
ClientSampleId :

VY1010WBS01

Tot Ion:	53	Resp:	334874
Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.4	98.2
51	34.3	27.2	40.8

Manual Integrations
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#16

Acetone

Concen: 103.599 ug/l

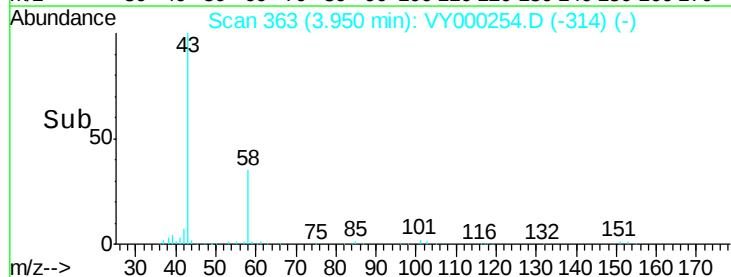
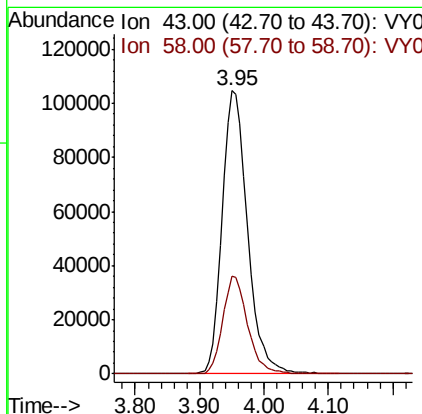
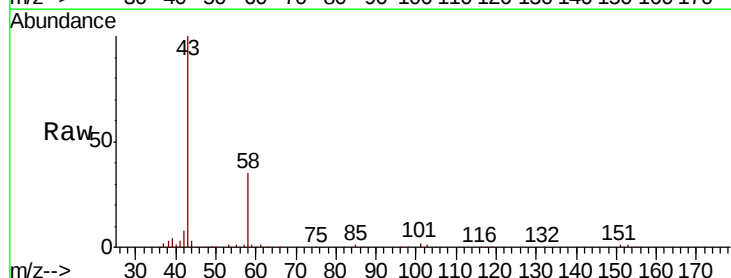
RT: 3.95 min Scan# 363

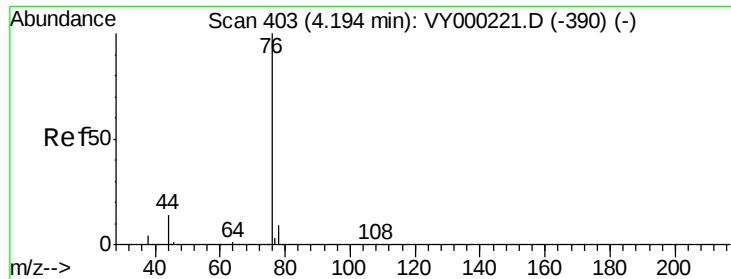
Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Tgt Ion:	43	Resp:	291727
Ion	Ratio	Lower	Upper
43	100		
58	34.8	28.2	42.4





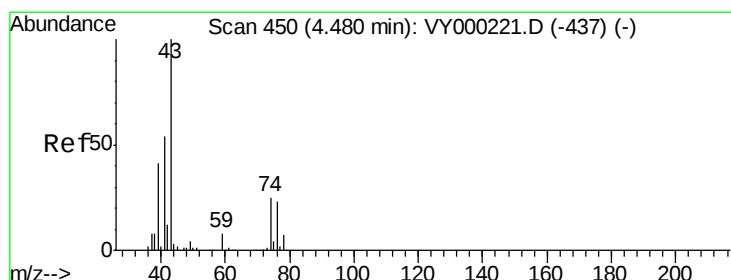
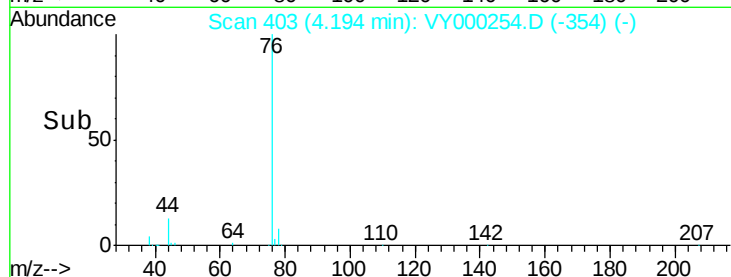
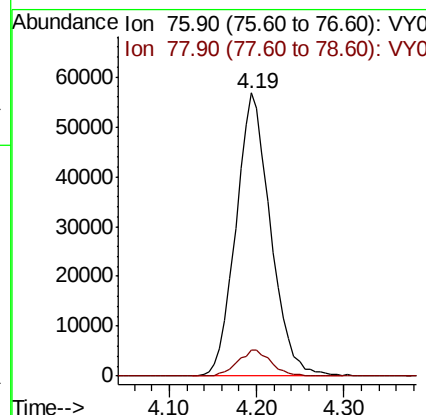
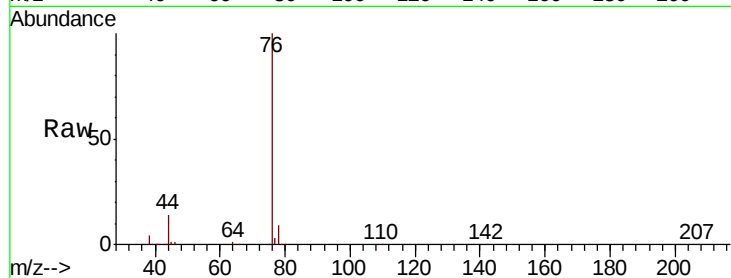
#17
Carbon Disulfide
Concen: 17.419 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

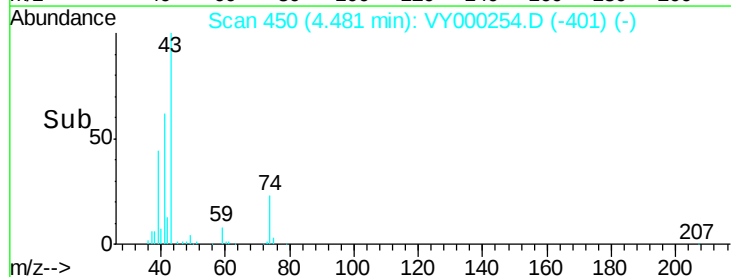
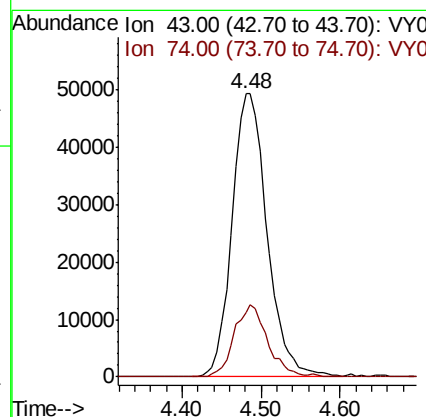
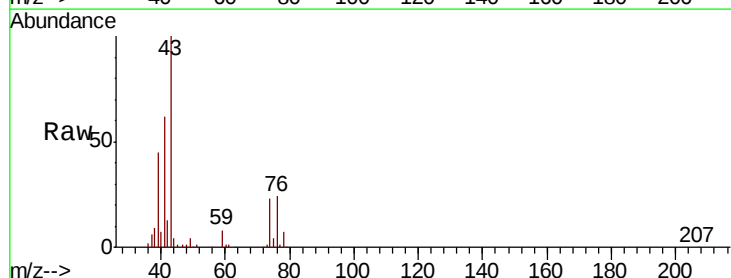
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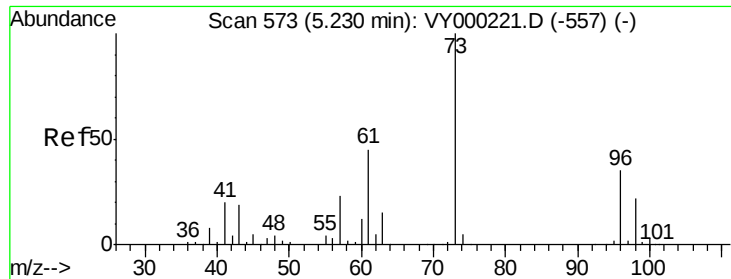
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#18
Methyl Acetate
Concen: 19.673 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.1	28.7





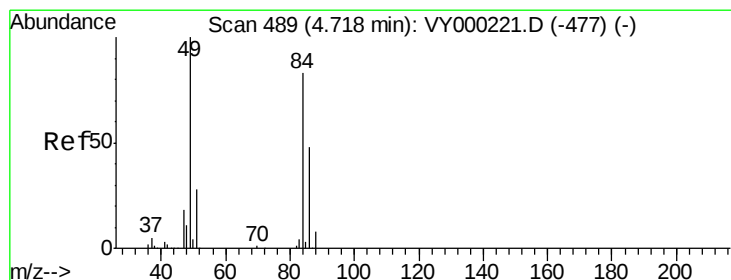
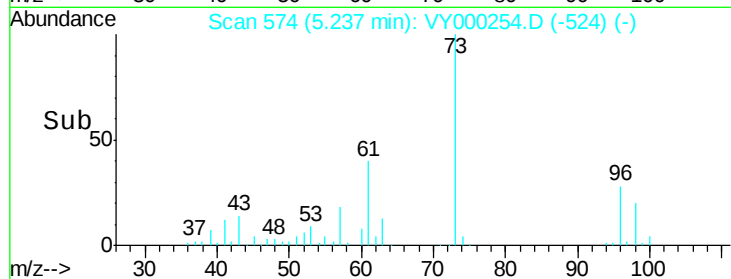
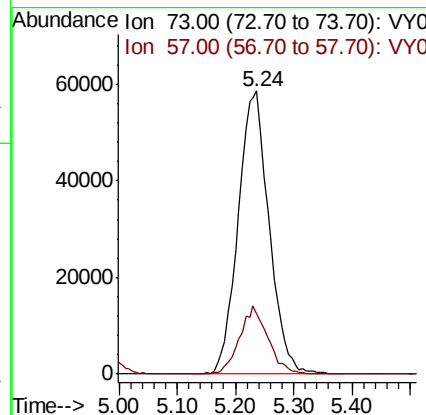
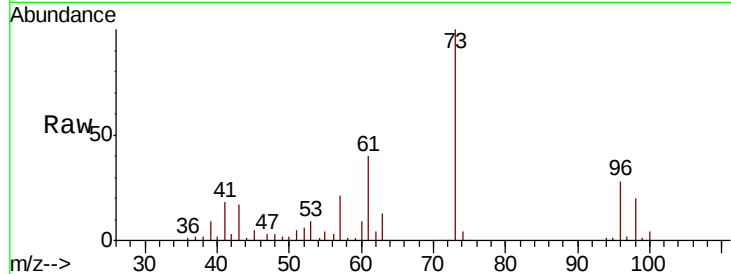
#19
Methvl tert-butvl Ether
Concen: 19.448 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion: 73 Resp: 216249
Ion Ratio Lower Upper
73 100
57 21.3 18.4 27.6

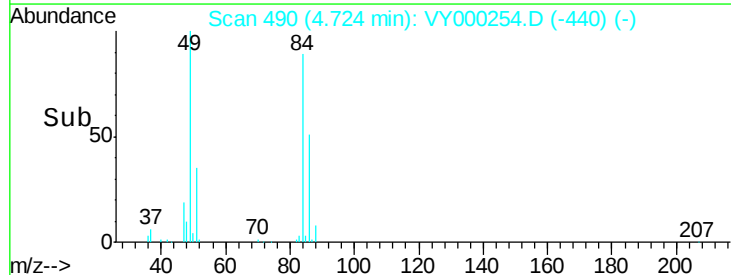
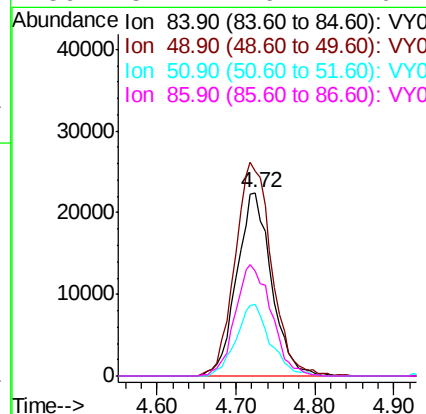
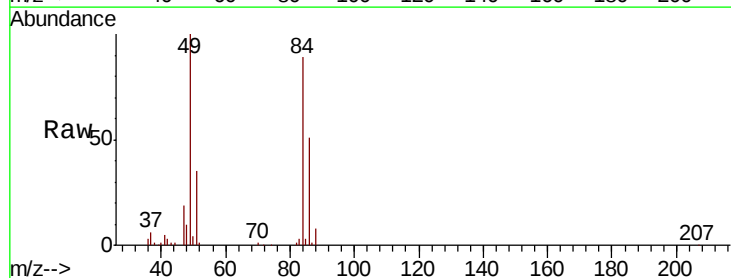
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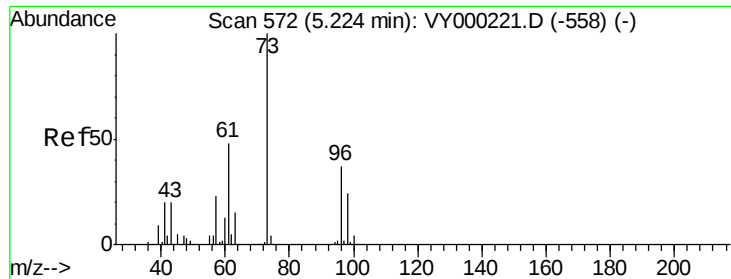
MMDadoda
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#20
Methylene Chloride
Concen: 18.584 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion: 84 Resp: 68747
Ion Ratio Lower Upper
84 100
49 112.0 96.2 144.2
51 39.0 26.6 39.8
86 57.2 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 18.088 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

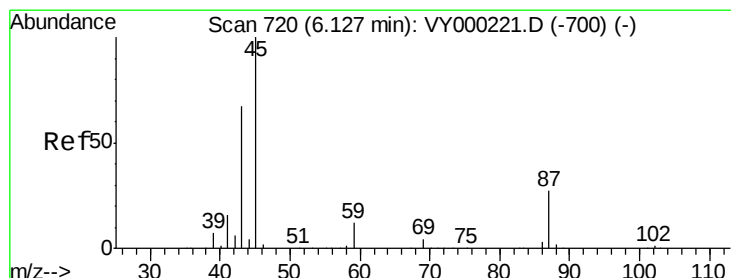
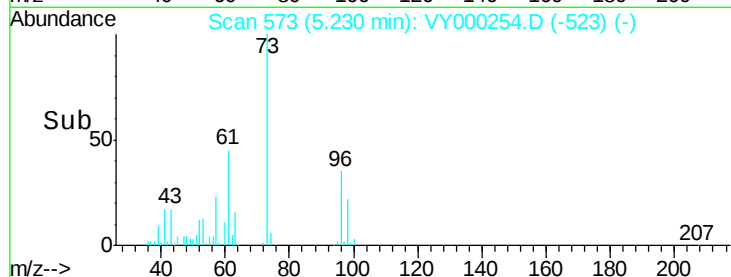
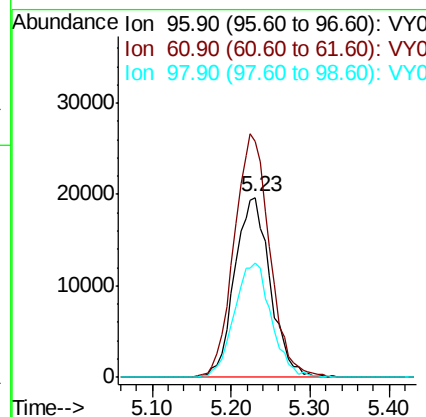
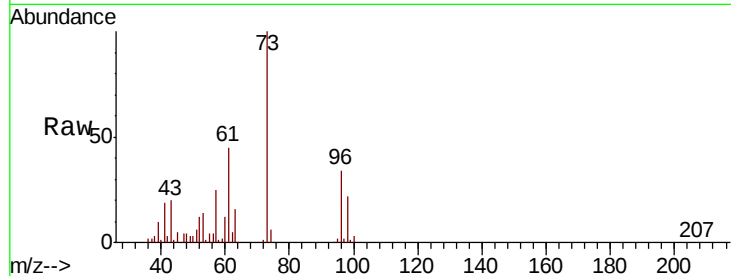
ClientSampleId :

VY1010WBS01

Tot Ion:	96	Resp:	61843
Ion	Ratio	Lower	Upper
96	100		
61	131.3	104.2	156.2
98	63.6	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.099 ug/l

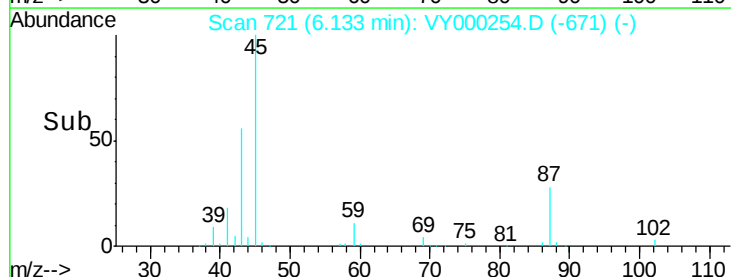
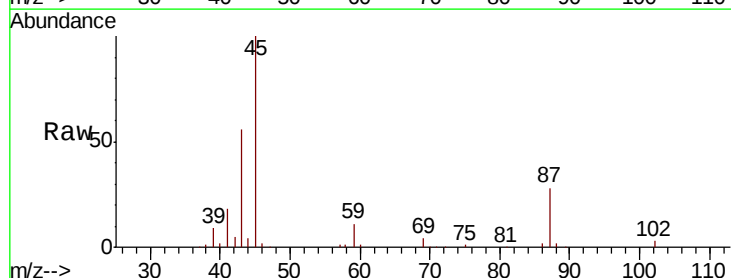
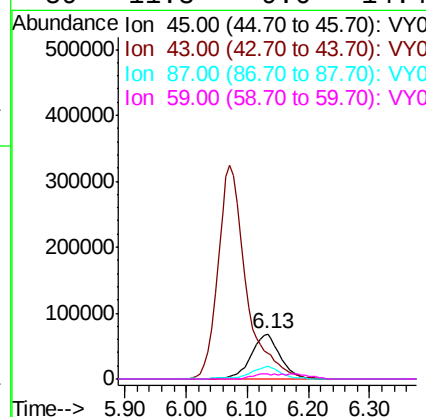
RT: 6.13 min Scan# 721

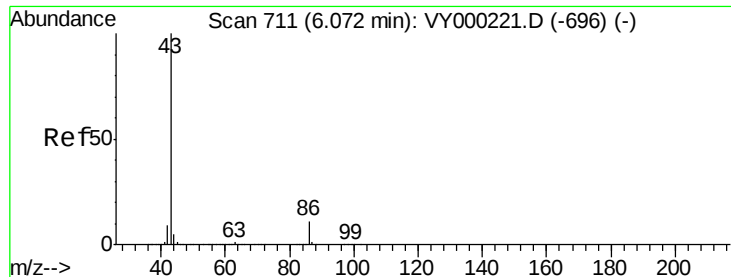
Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Tgt Ion:	45	Resp:	226611
Ion	Ratio	Lower	Upper
45	100		
43	55.1	53.4	80.2
87	27.7	21.7	32.5
59	11.3	9.6	14.4





#23

Vinyl Acetate

Concen: 89.879 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Tot Ion: 43 Resp: 1037178

Ion Ratio Lower Upper

43 100

86 10.8 8.5 12.7

Instrument :

MSVOA_Y

ClientSampleId :

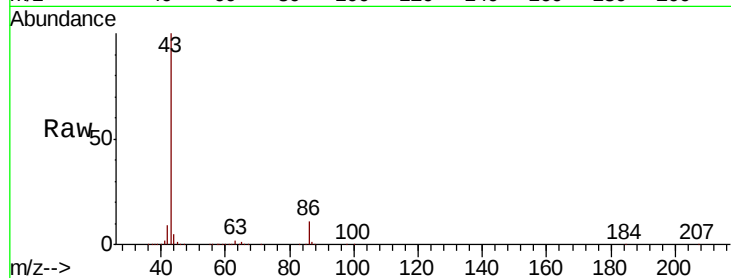
VY1010WBS01

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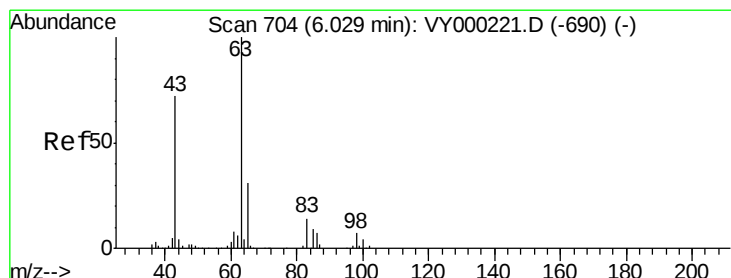
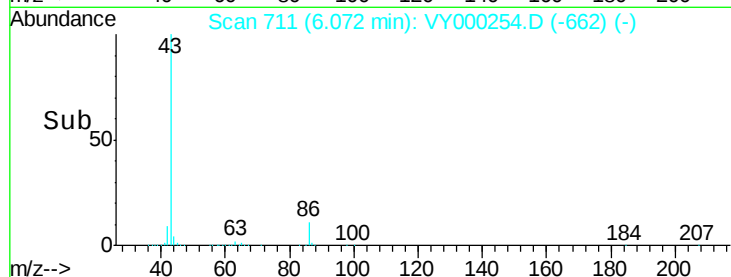
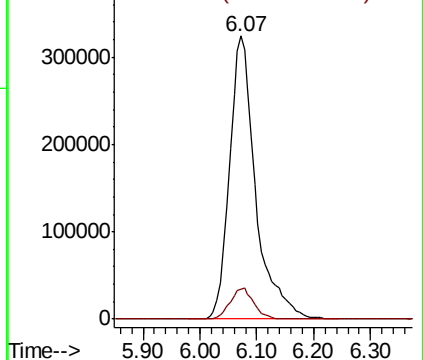
MMDadoda

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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: 19.004 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

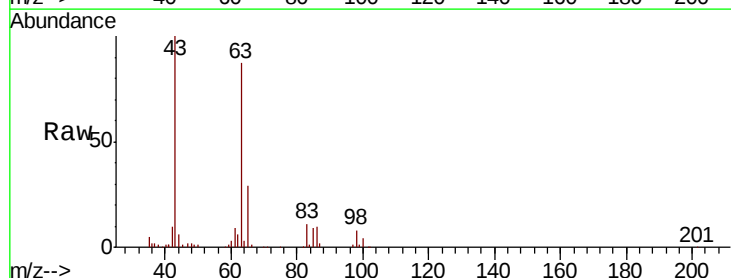
Tgt Ion: 63 Resp: 115016

Ion Ratio Lower Upper

63 100

98 8.9 3.5 10.6

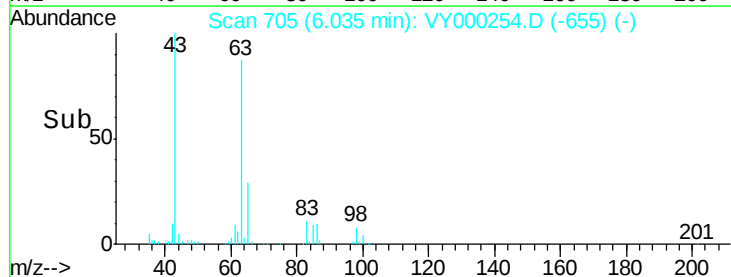
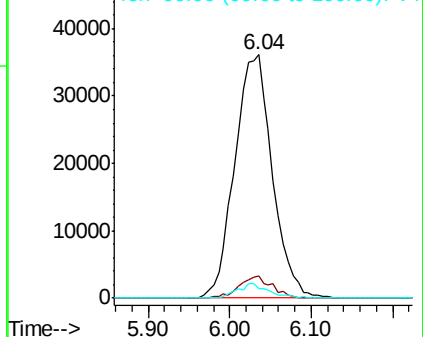
100 4.1 2.1 6.5

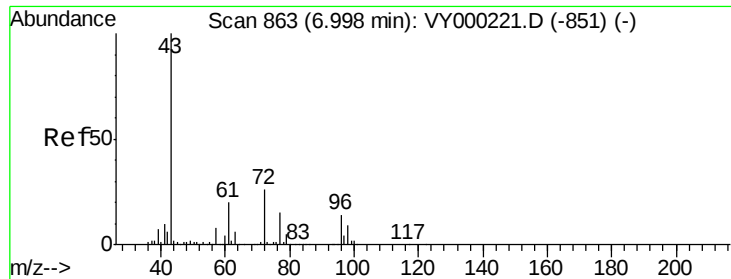


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 102.632 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1010WBS01

Tot Ion: 43 Resp: 534651

Ion Ratio Lower Upper

43 100

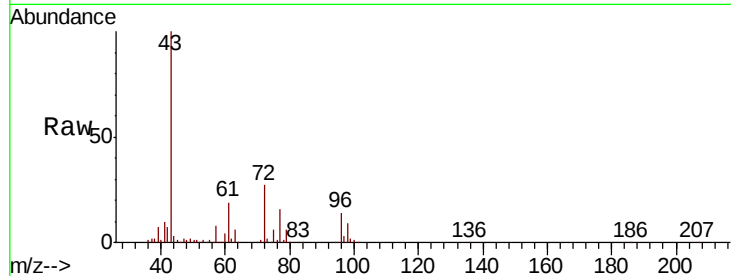
72 27.3 20.6 31.0

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.00

200000

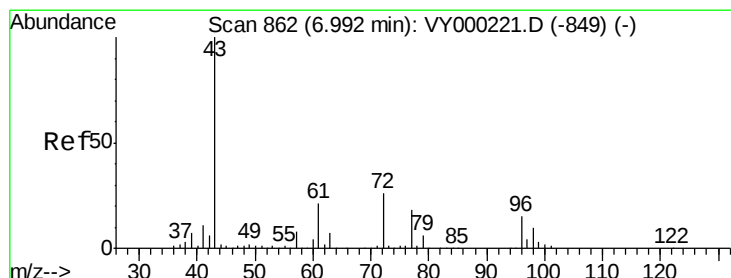
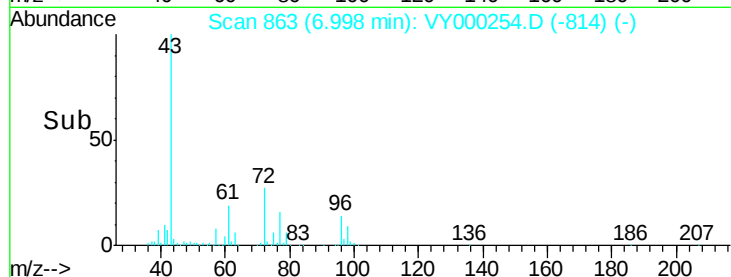
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 17.772 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000254.D

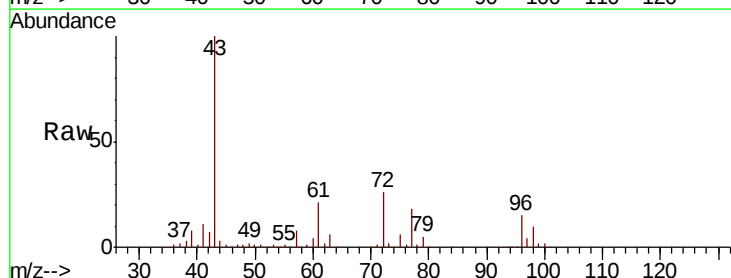
Acq: 10 Oct 2019 15:38

Tgt Ion: 77 Resp: 97095

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

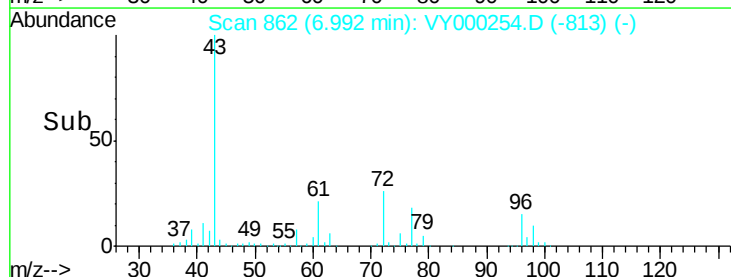
30000

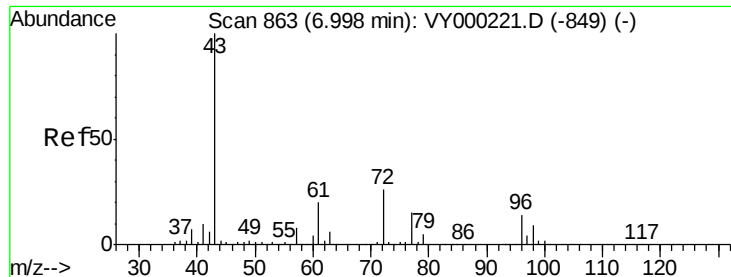
20000

10000

0

Time-->





#27

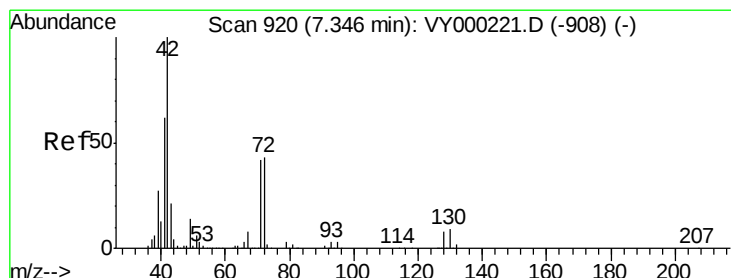
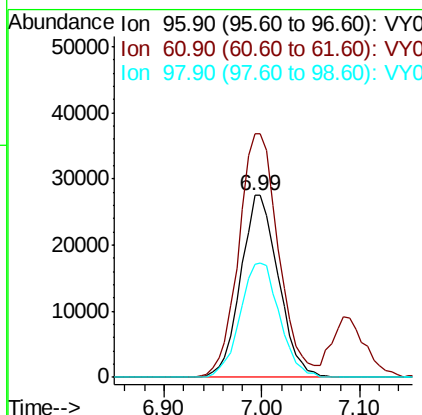
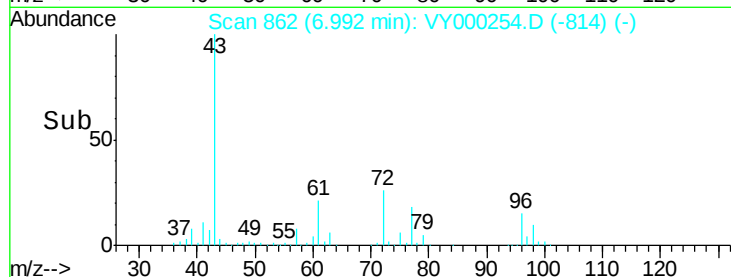
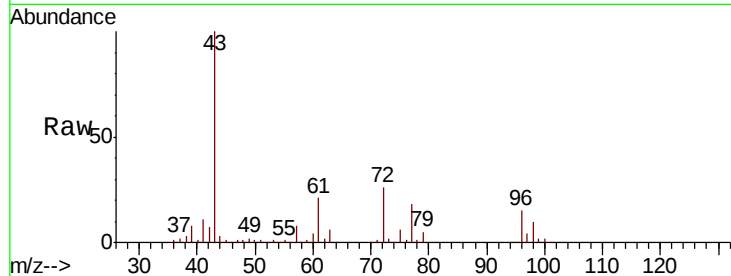
cis-1,2-Dichloroethene
Concen: 18.359 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	282.6
98	65.4	0.0	129.8

Manual Integrations
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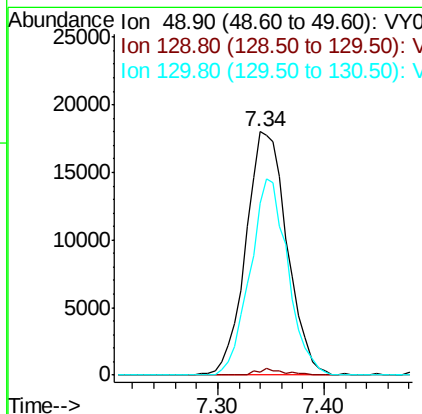
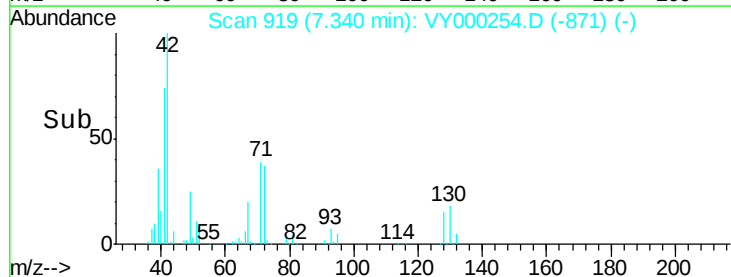
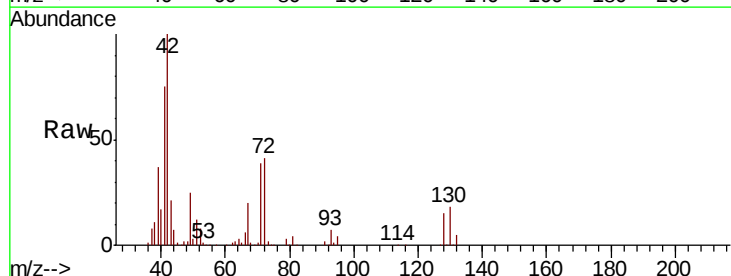
MMDadoda
10/14/2019 1:33:07 PM

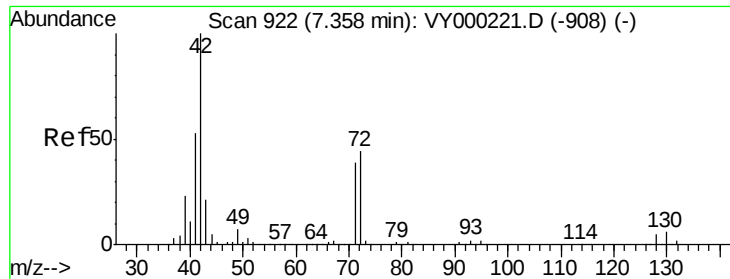


#28

Bromochloromethane
Concen: 24.529 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	73.9	56.5	84.7





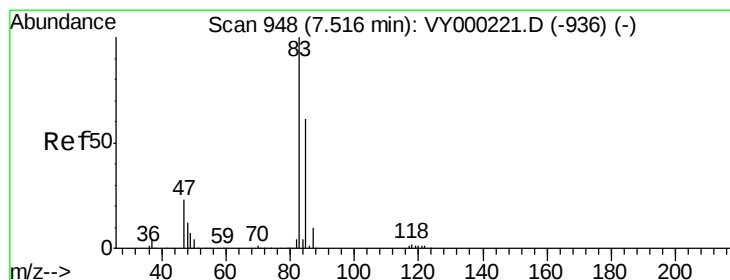
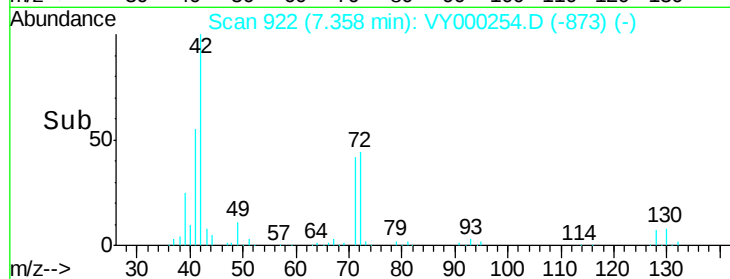
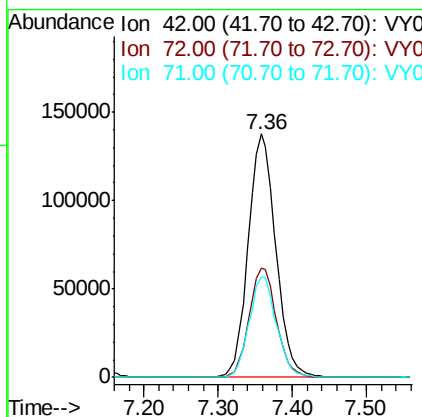
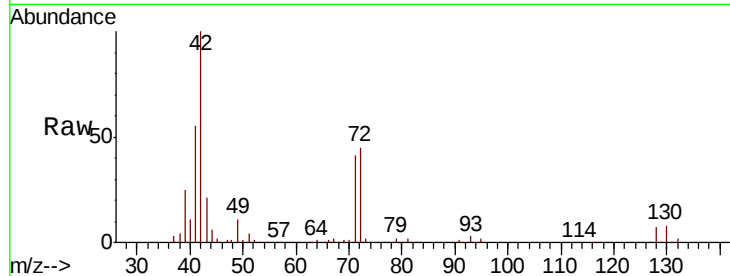
#29
Tetrahydrofuran
Concen: 97.375 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.6	51.8
71	41.0	31.9	47.9

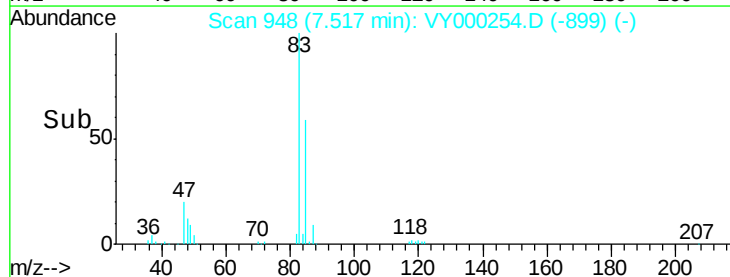
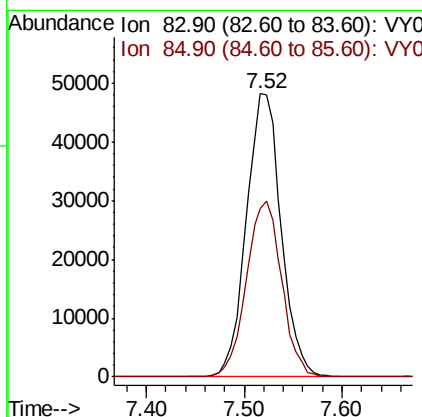
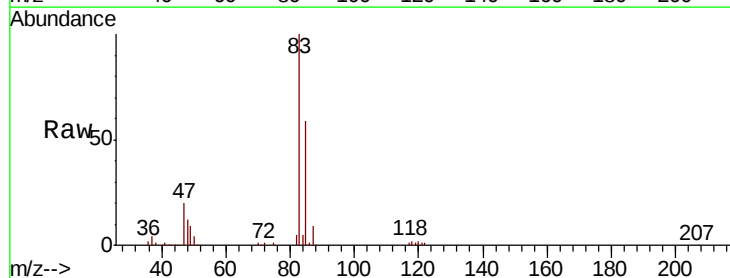
Manual Integrations
APPROVED

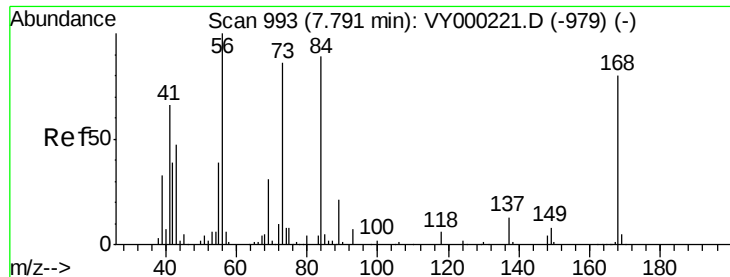
MMDadoda
10/14/2019 1:33:07 PM



#30
Chloroform
Concen: 19.007 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.4	48.9	73.3





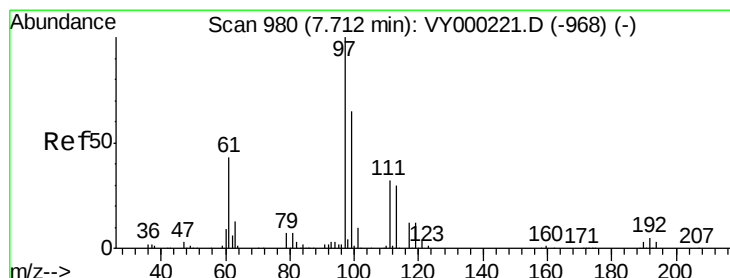
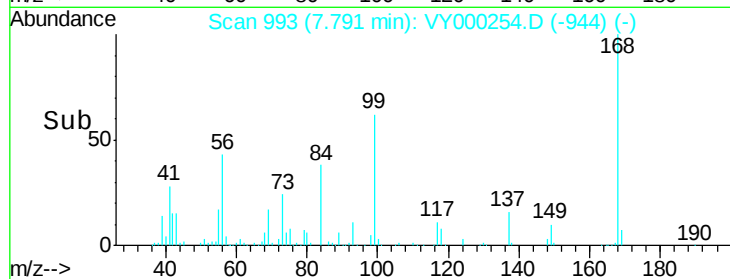
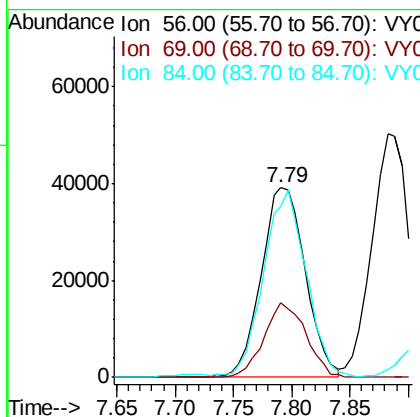
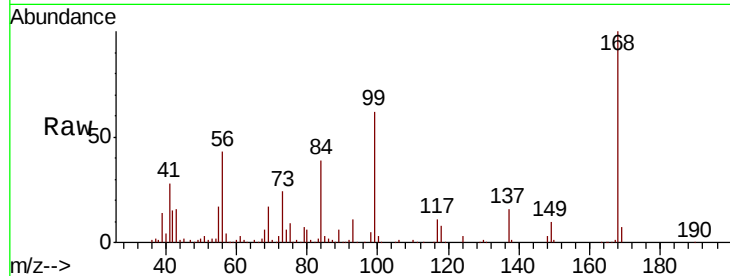
#31
Cyclohexane
Concen: 16.881 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.5	24.7	37.1#
84	89.1	71.3	106.9

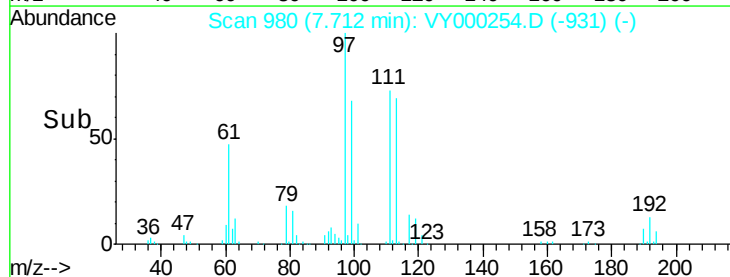
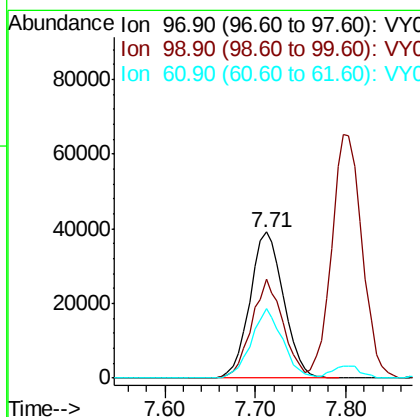
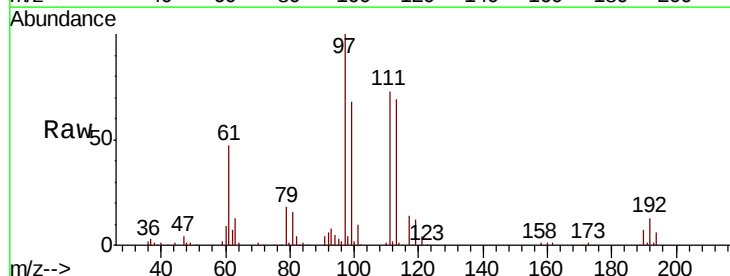
Manual Integrations
APPROVED

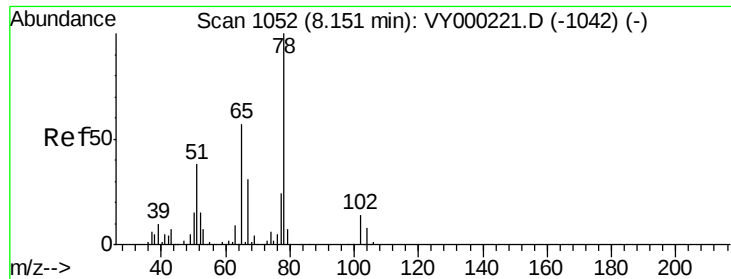
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#32
1,1,1-Trichloroethane
Concen: 18.829 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.2
61	44.2	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 48.073 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1010WBS01

Tot Ion: 65 Resp: 170921

Ion Ratio Lower Upper

65 100

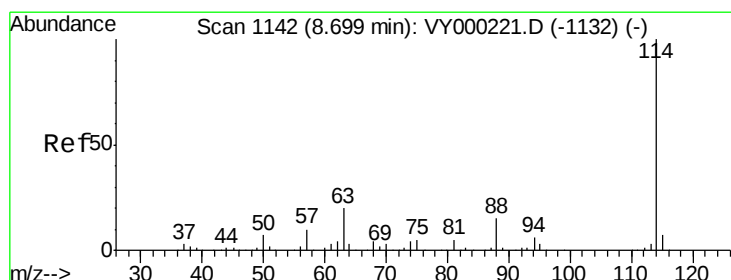
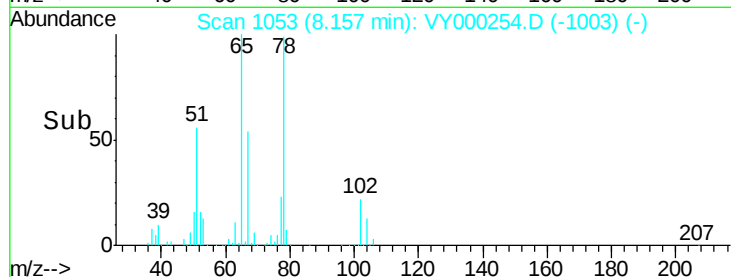
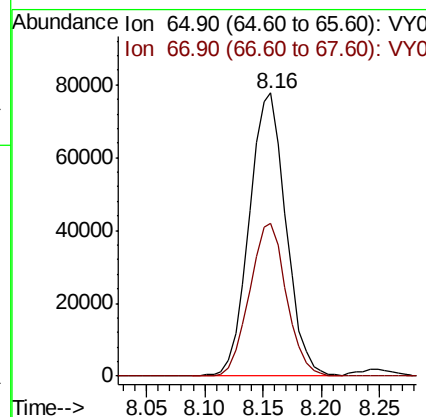
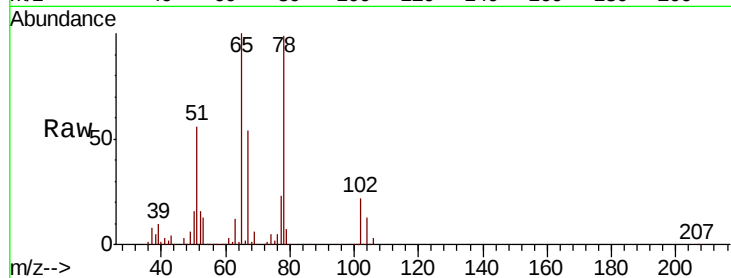
67 54.1 0.0 109.0

Manual Integrations

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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: VY000254.D

Acq: 10 Oct 2019 15:38

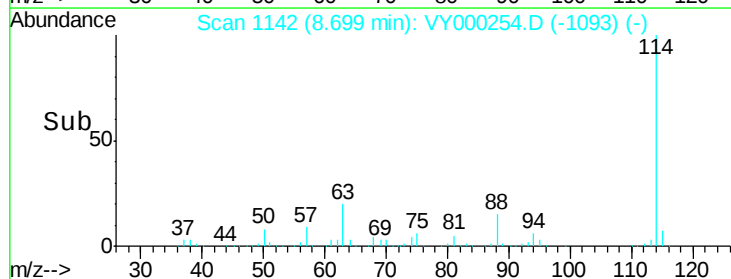
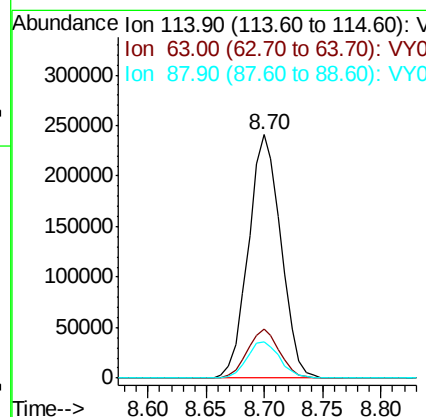
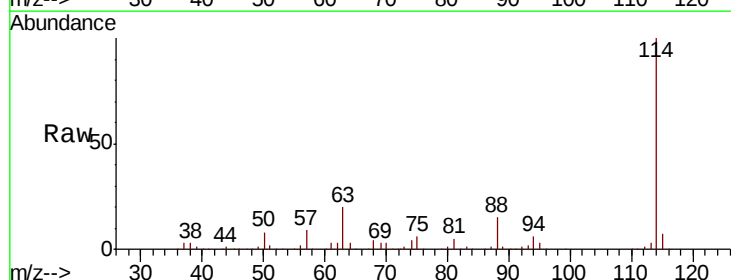
Tgt Ion: 114 Resp: 469089

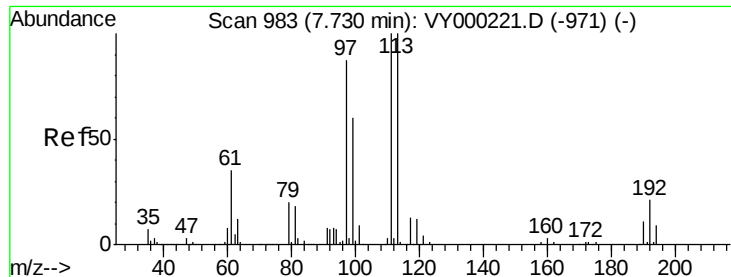
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.0

88 15.1 0.0 30.6





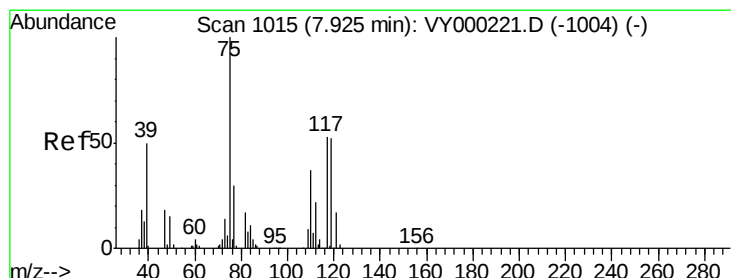
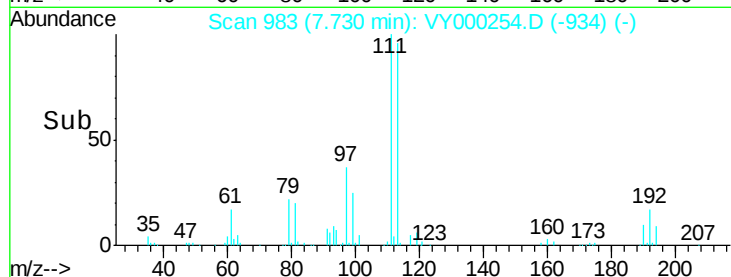
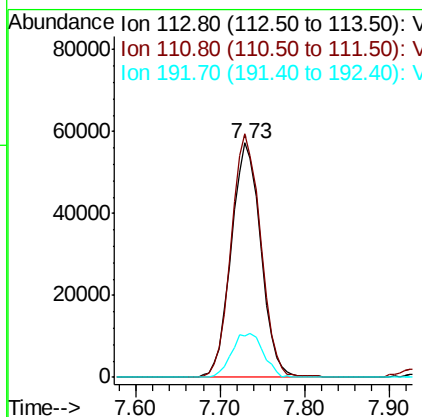
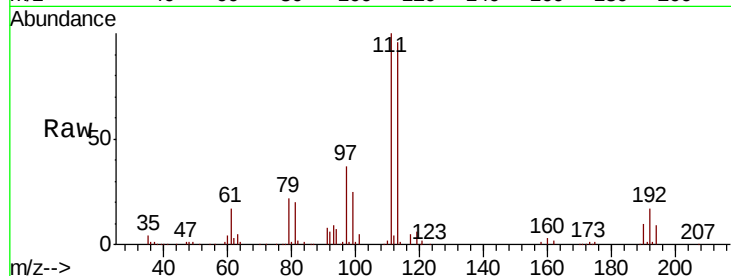
#35
Dibromofluoromethane
Concen: 46.630 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	20.0	15.8	23.8

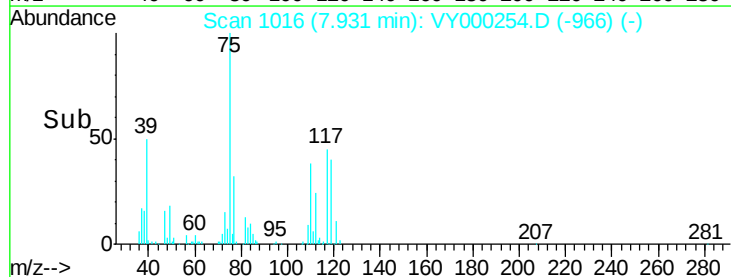
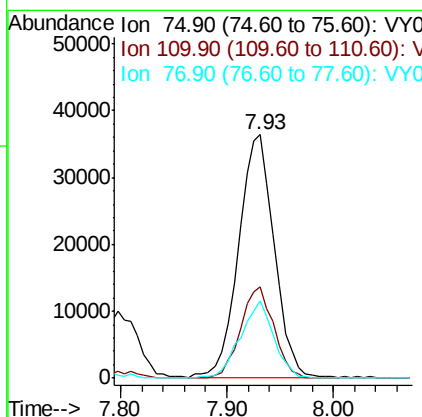
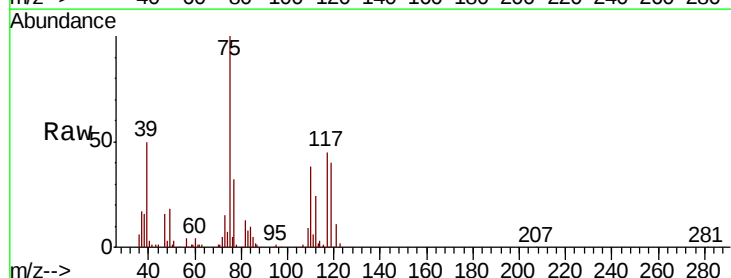
Manual Integrations
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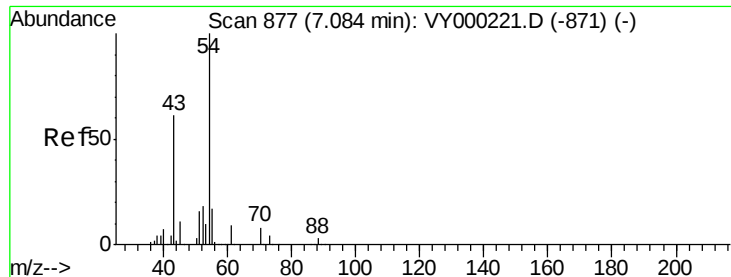
MMDadoda
10/14/2019 1:33:07 PM



#36
1,1-Dichloropropene
Concen: 17.747 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	18.4	55.2
77	30.1	24.7	37.1





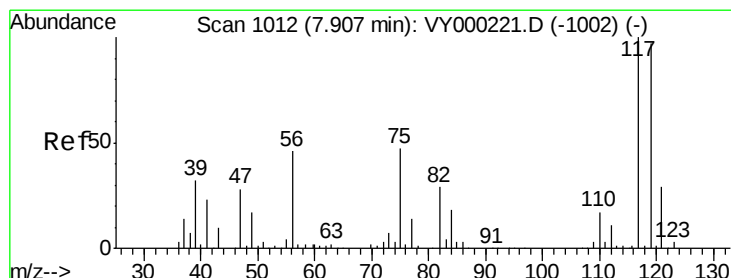
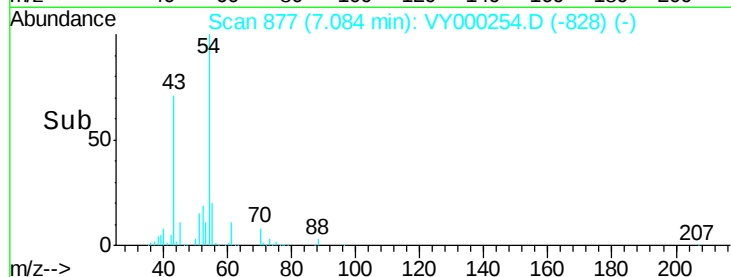
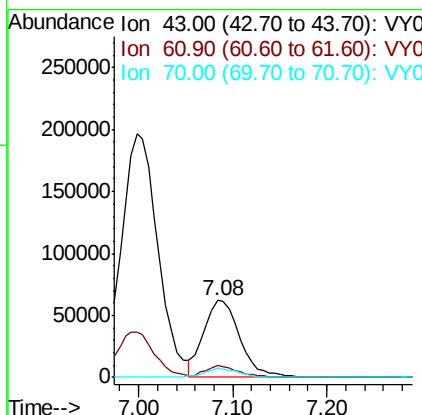
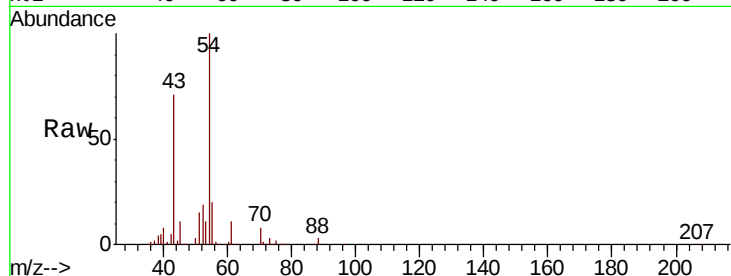
#37
Ethyl Acetate
Concen: 19.206 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.1	16.7
70	10.5	8.5	12.7

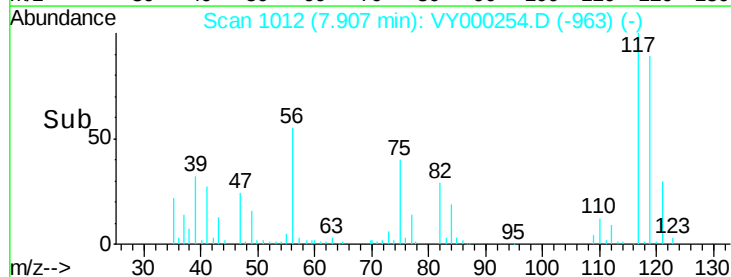
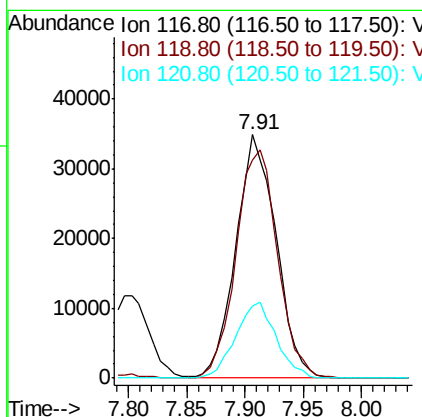
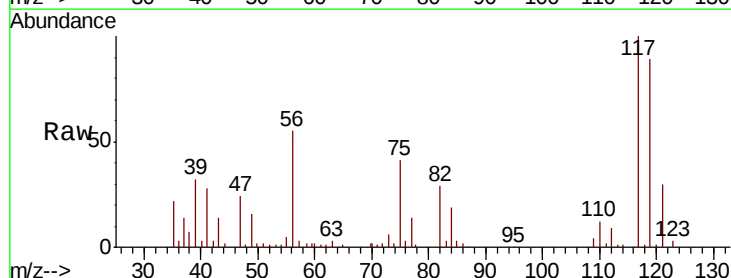
Manual Integrations
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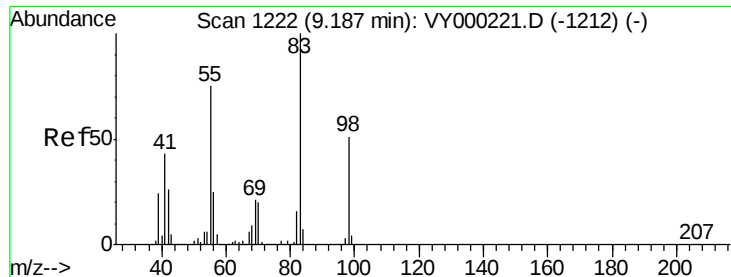
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.111 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.4	77.2	115.8
121	29.8	23.1	34.7





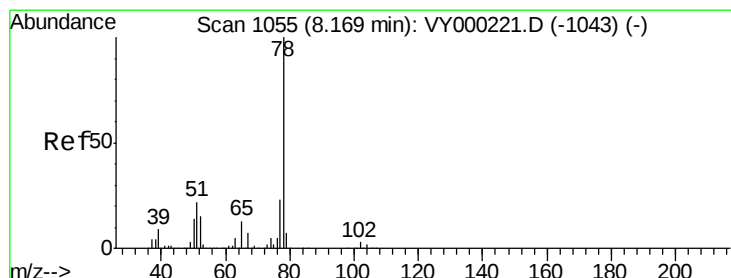
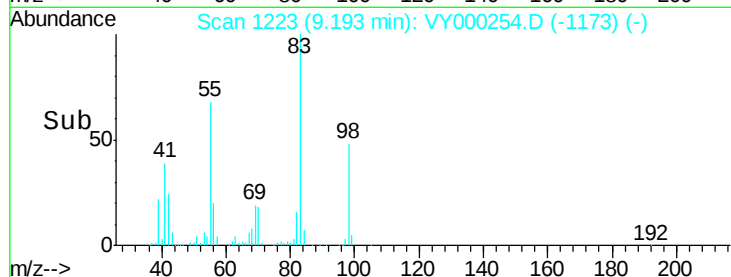
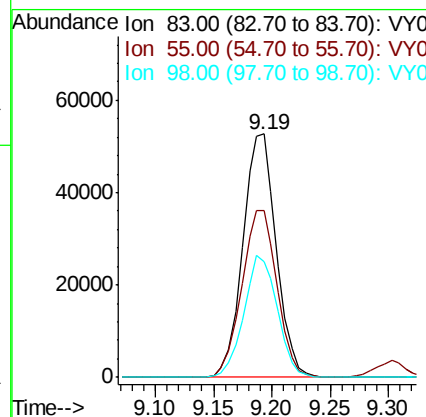
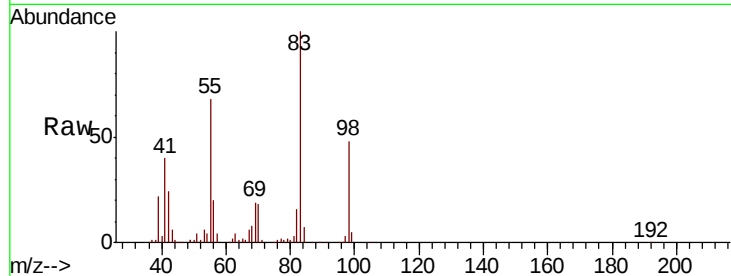
#39
Methylvlcvclohexane
Concen: 17.581 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	68.3	60.2	90.4	
98	47.7	40.5	60.7	

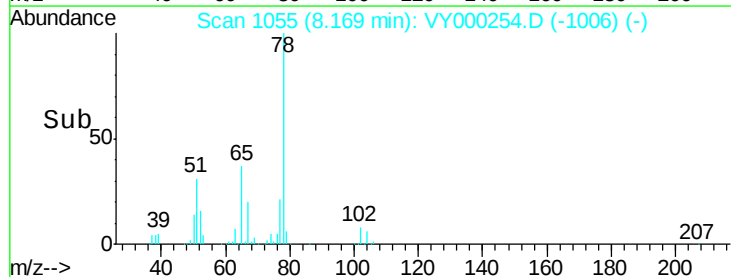
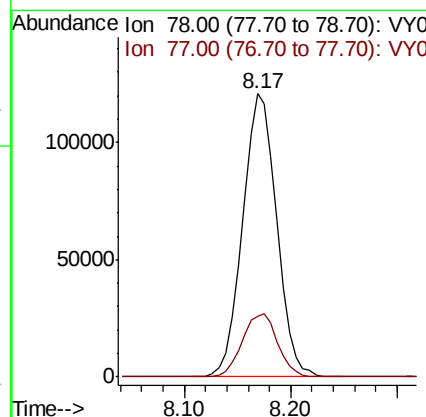
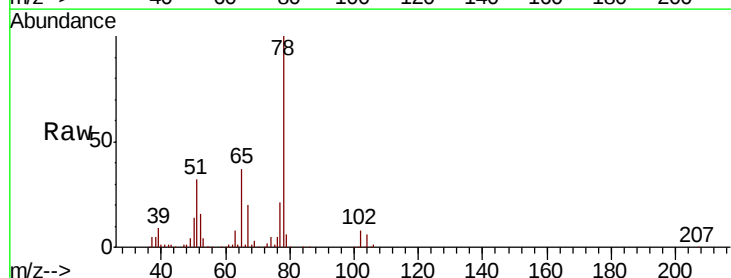
Manual Integrations
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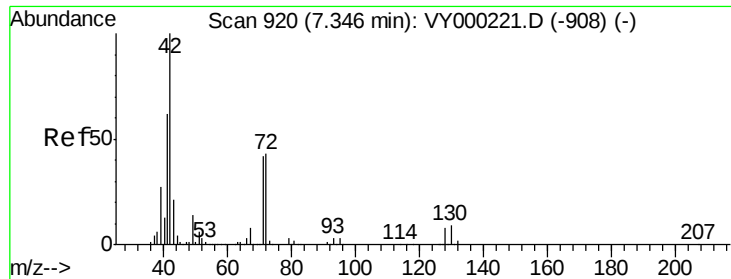
MMDadoda
10/14/2019 1:33:07 PM



#40
Benzene
Concen: 18.720 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	21.3	18.6	28.0	





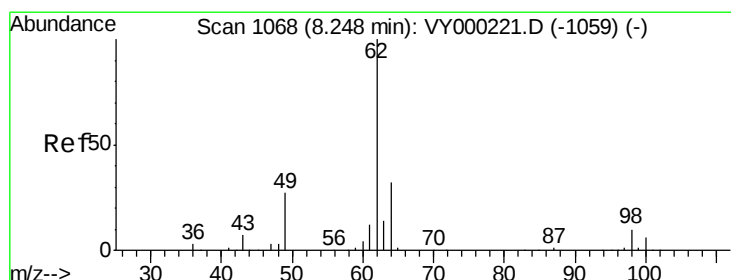
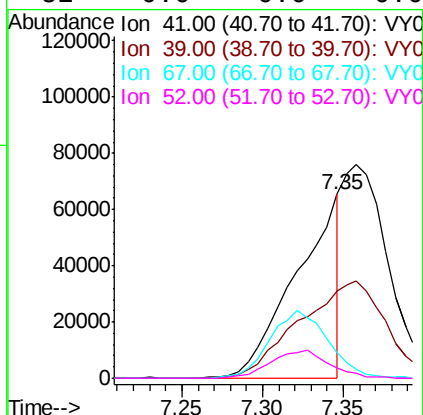
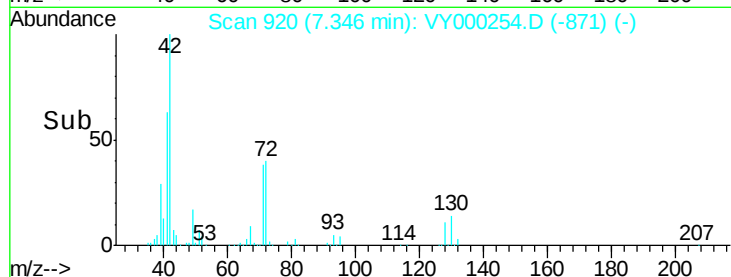
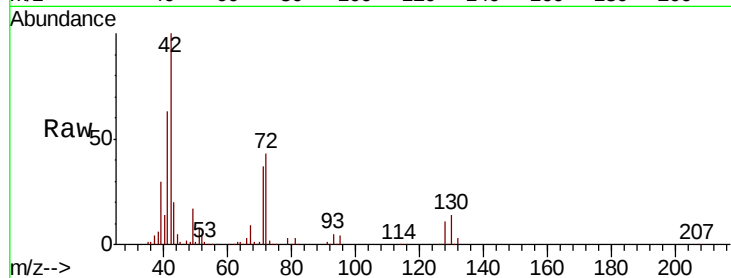
#41
Methacrylonitrile
Concen: 18.527 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	102.4	74.7	112.1
67	0.0	0.0	0.0
52	0.0	0.0	0.0

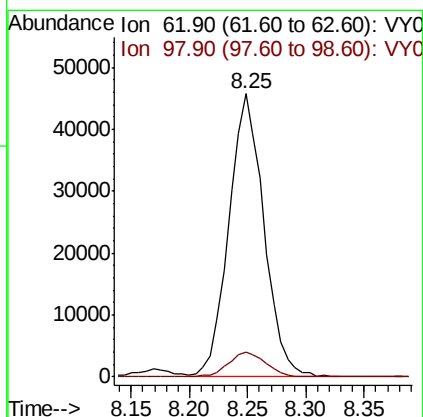
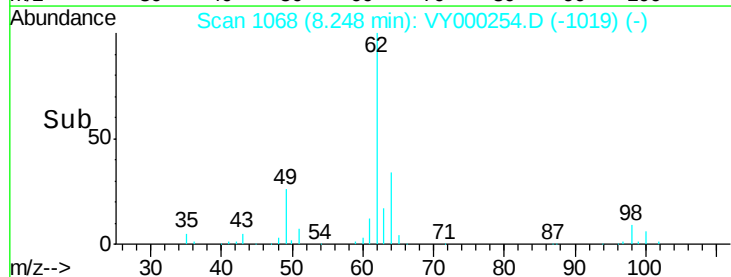
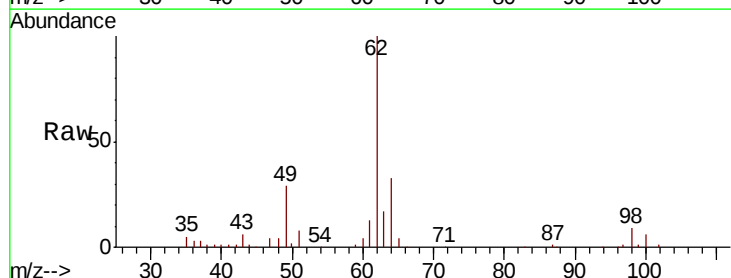
Manual Integrations
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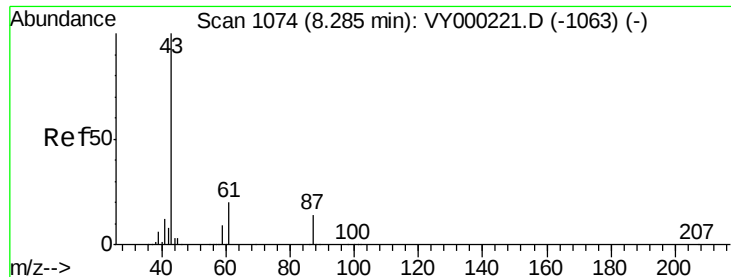
MMDadoda
10/14/2019 1:33:07 PM



#42
1,2-Dichloroethane
Concen: 20.377 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.0





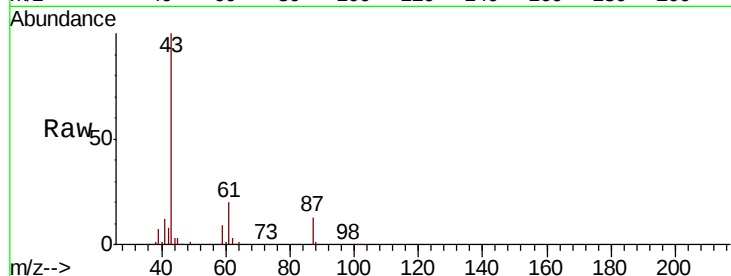
#43
Isopropyl Acetate
Concen: 20.000 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	222122		
61	24.2		20.1	30.1
87	13.5		10.6	15.8

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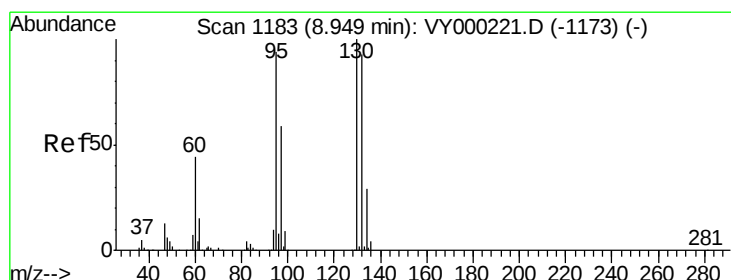
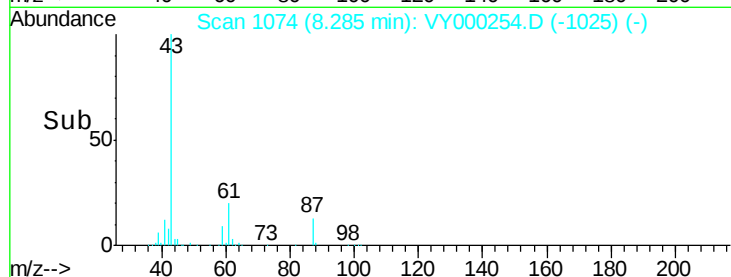
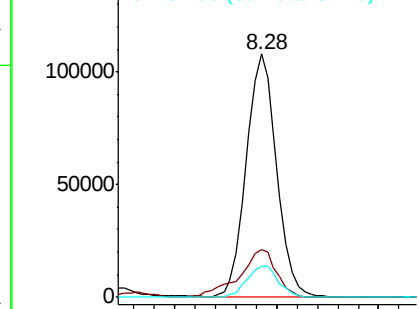


Abundance

Ion 43.00 (42.70 to 43.70): VY000254.D (-1025) (-)

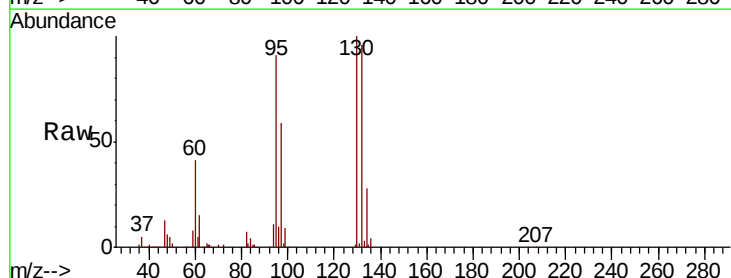
Ion 61.00 (60.70 to 61.70): VY000254.D (-1025) (-)

Ion 87.00 (86.70 to 87.70): VY000254.D (-1025) (-)



#44
Trichloroethene
Concen: 19.035 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

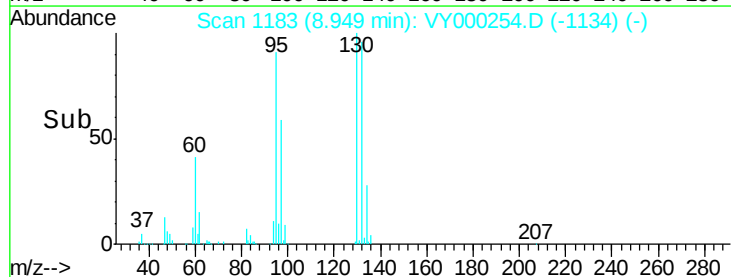
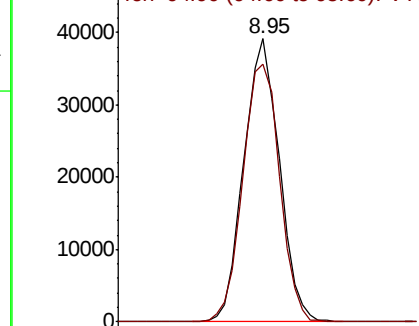
Tgt Ion	Ratio	Resp	Lower	Upper
130	100	74736		
95	90.9		0.0	189.0

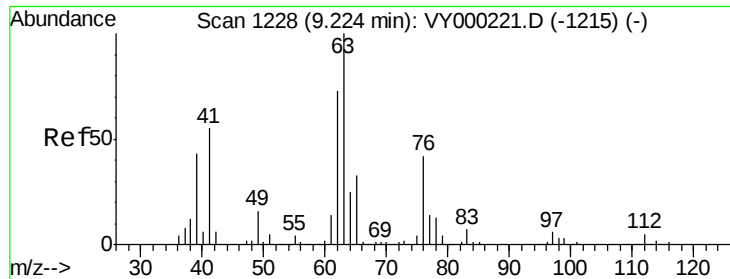


Abundance

Ion 129.80 (129.50 to 130.50): VY000254.D (-1134) (-)

Ion 94.90 (94.60 to 95.60): VY000254.D (-1134) (-)





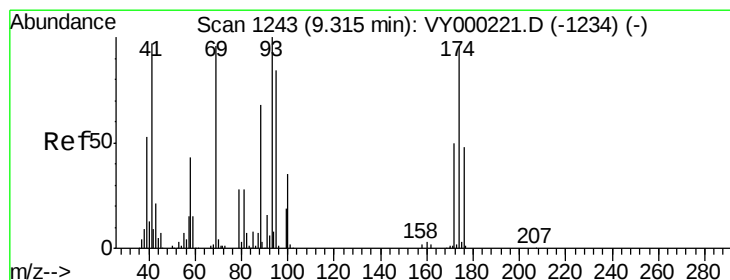
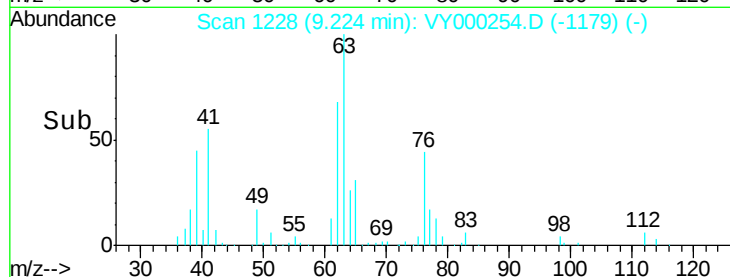
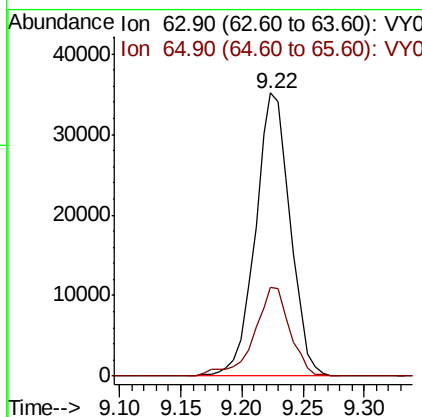
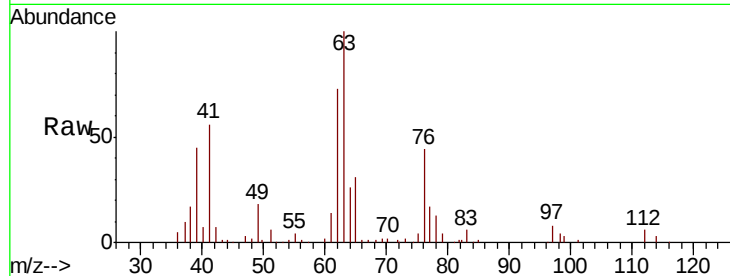
#45
 1,2-Dichloropropane
 Concen: 19.183 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010WBS01

Tot Ion: 63 Resp: 69569
 Ion Ratio Lower Upper
 63 100
 65 31.2 26.6 39.8

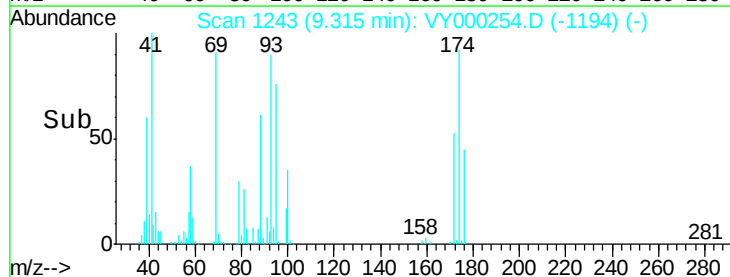
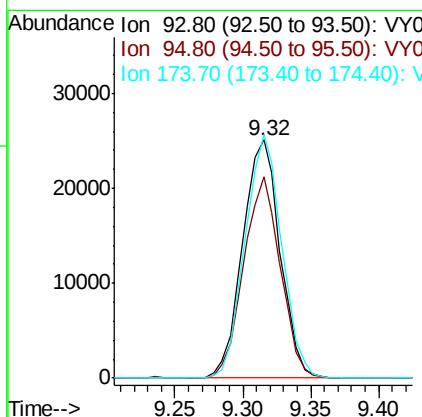
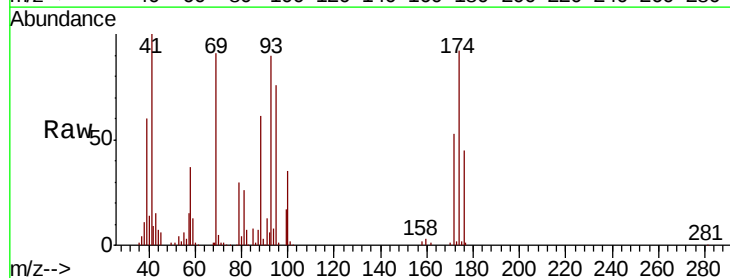
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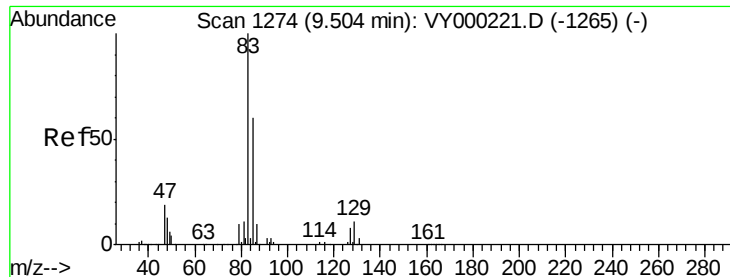
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#46
 Dibromomethane
 Concen: 19.001 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

Tgt Ion: 93 Resp: 48309
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.0 100.6
 174 100.5 77.5 116.3





#47

Bromodichloromethane

Concen: 19.164 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

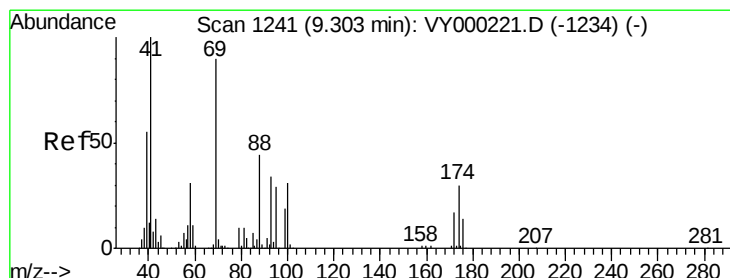
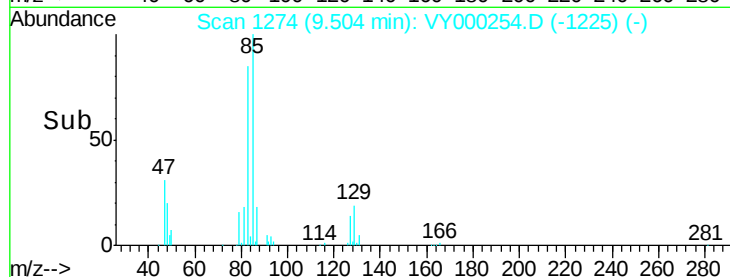
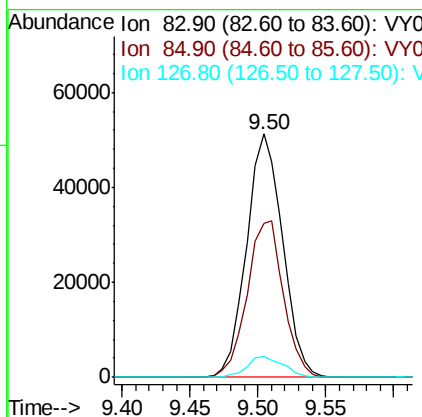
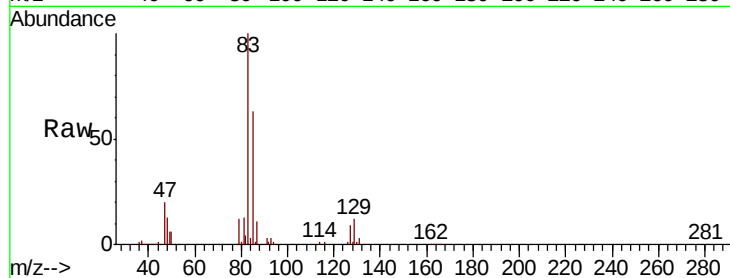
ClientSampleId :

VY1010WBS01

Tot Ion:	83	Resp:	95307
Ion	Ratio	Lower	Upper
83	100		
85	63.1	48.0	72.0
127	8.6	6.5	9.7

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#48

Methyl methacrylate

Concen: 19.689 ug/l

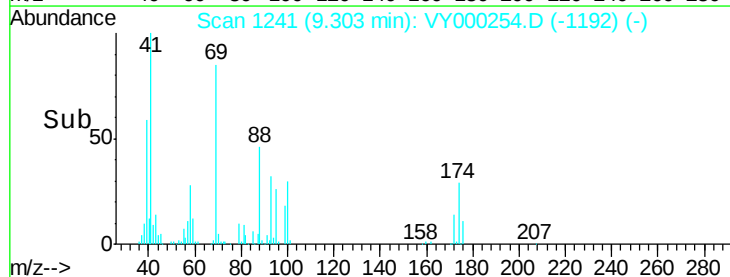
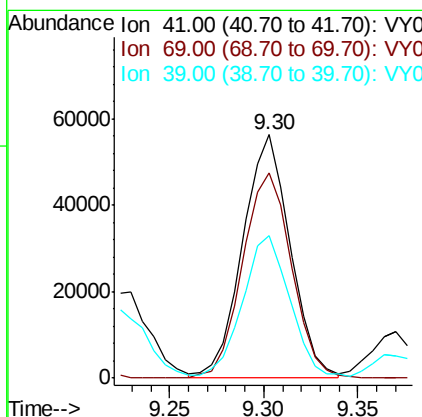
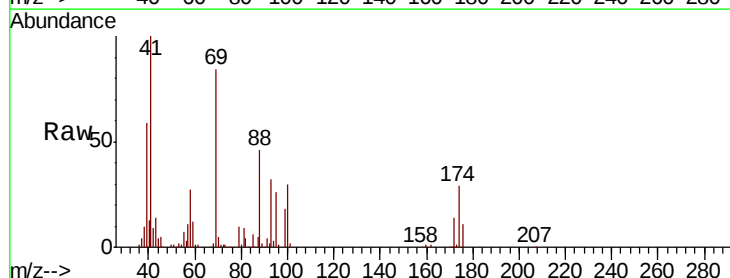
RT: 9.30 min Scan# 1241

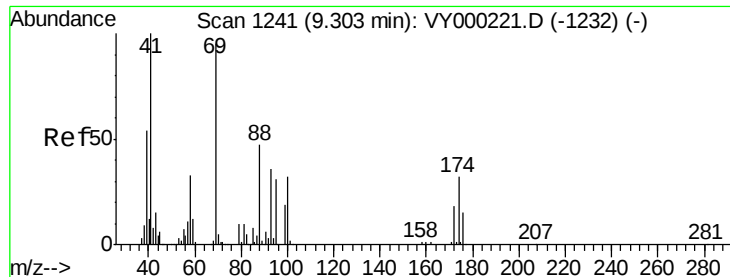
Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Tgt Ion:	41	Resp:	98701
Ion	Ratio	Lower	Upper
41	100		
69	86.6	70.3	105.5
39	58.6	45.5	68.3





#49

1,4-Dioxane

Concen: 399.787 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

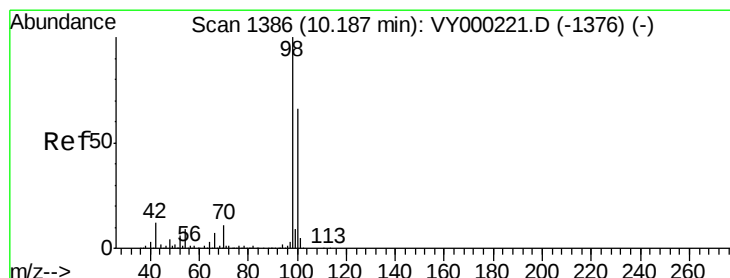
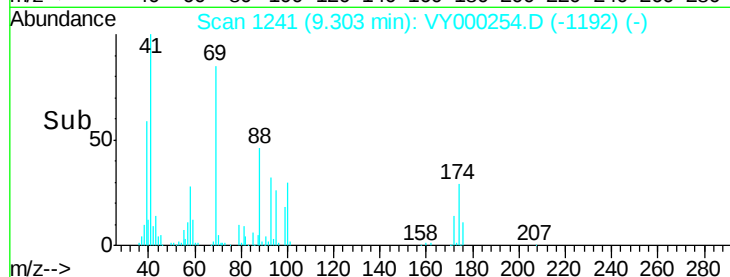
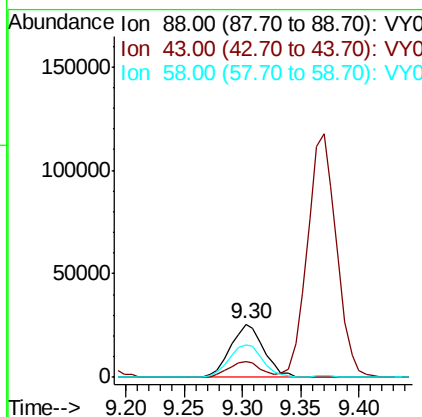
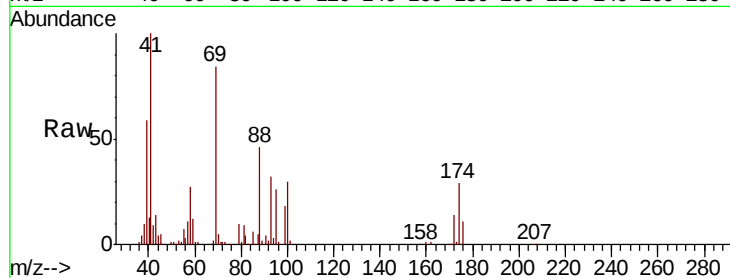
ClientSampleId :

VY1010WBS01

Tot Ion	88	Resp	51447
Ion	Ratio	Lower	Upper
88	100		
43	29.8	24.5	36.7
58	62.1	54.2	81.2

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#50

Toluene-d8

Concen: 43.795 ug/l

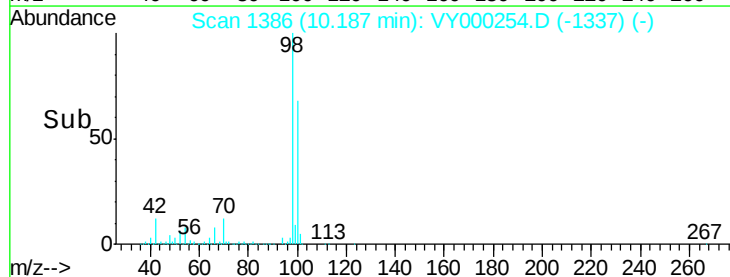
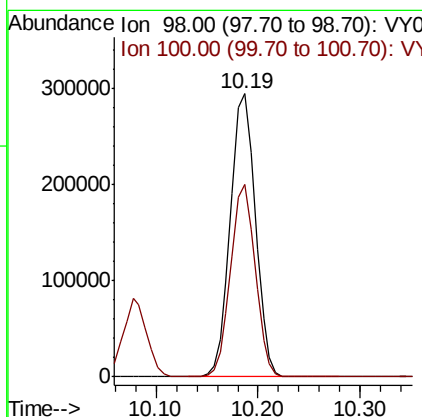
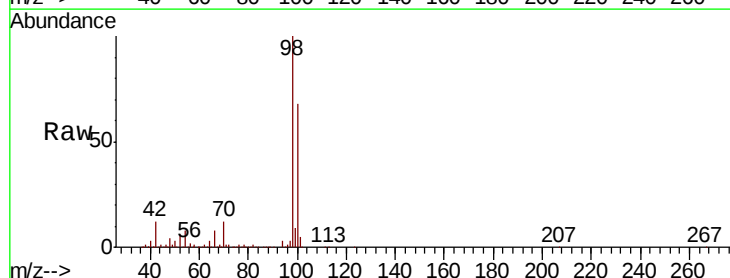
RT: 10.19 min Scan# 1386

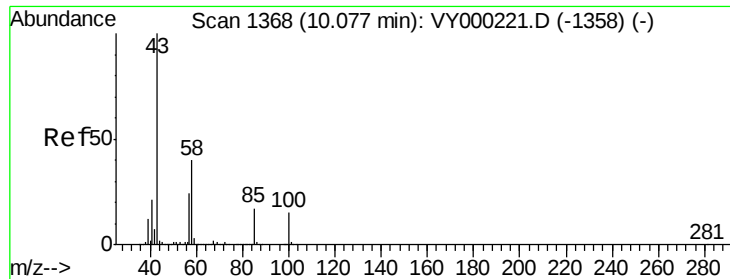
Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Tgt Ion	98	Resp	502821
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 101.857 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1010WBS01

Tot Ion: 43 Resp: 850178

Ion Ratio Lower Upper

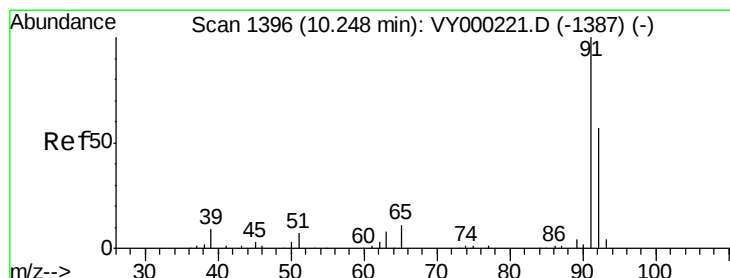
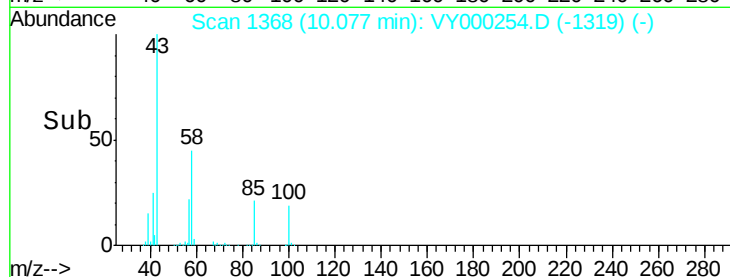
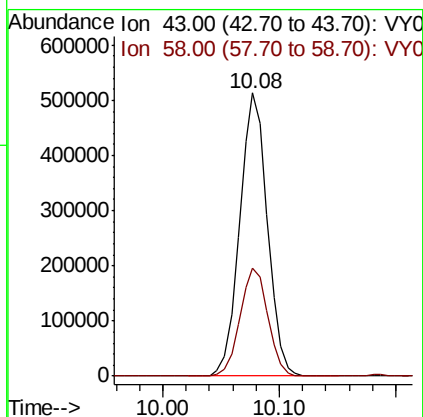
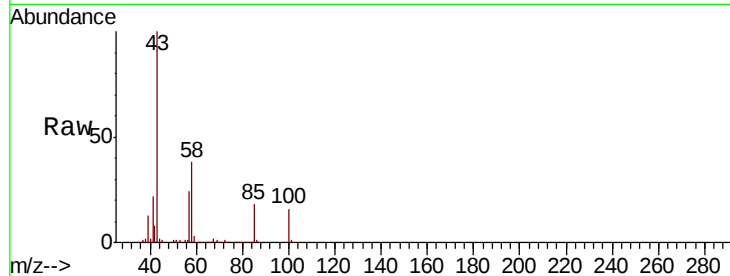
43 100

58 38.7 31.7 47.5

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#52

Toluene

Concen: 17.918 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000254.D

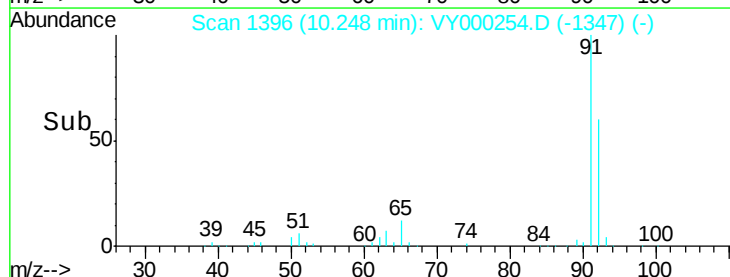
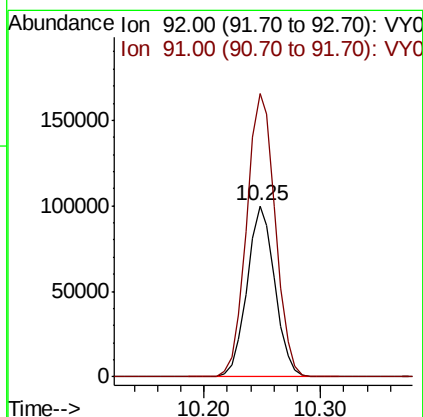
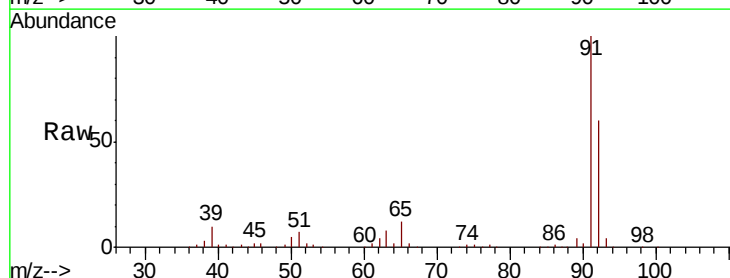
Acq: 10 Oct 2019 15:38

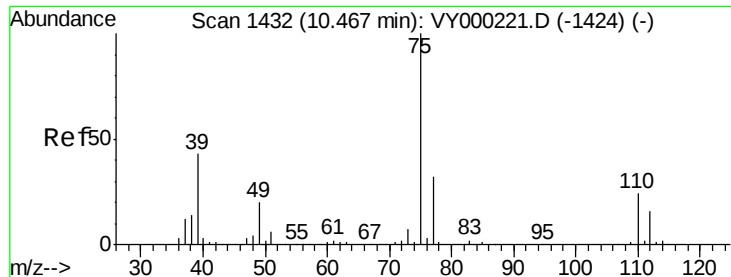
Tgt Ion: 92 Resp: 166396

Ion Ratio Lower Upper

92 100

91 170.7 139.1 208.7





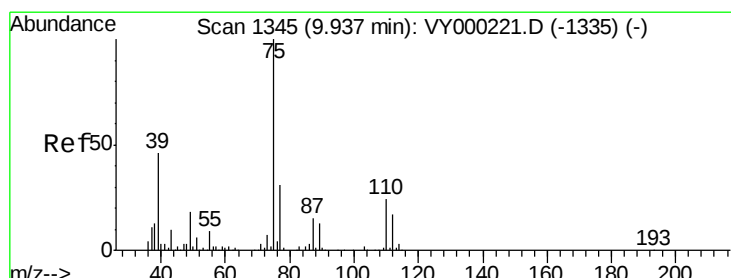
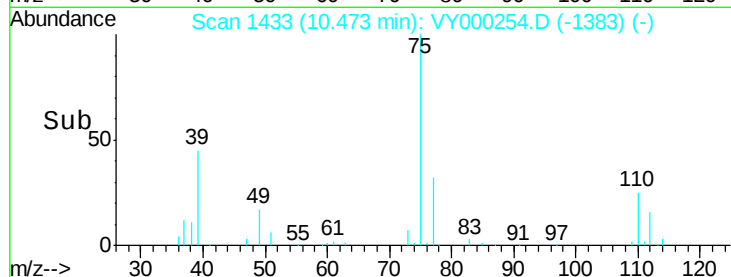
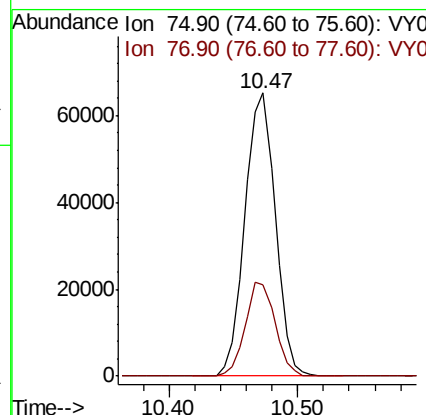
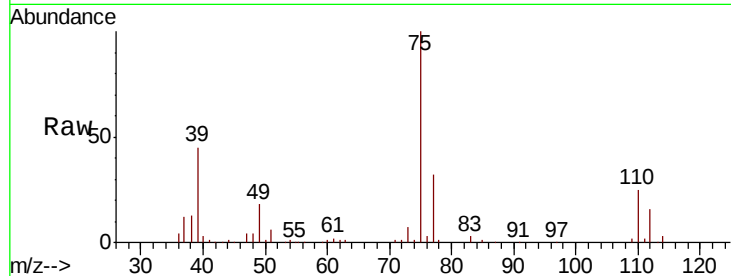
#53
t-1,3-Dichloropropene
Concen: 18.833 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion: 75 Resp: 106259
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9

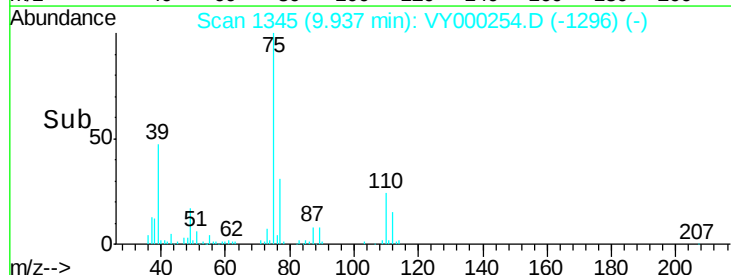
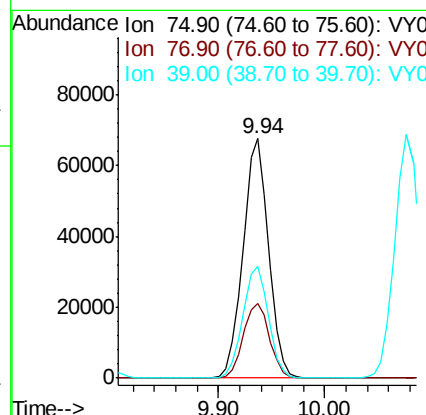
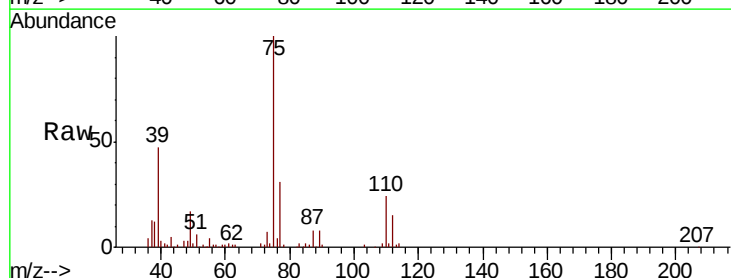
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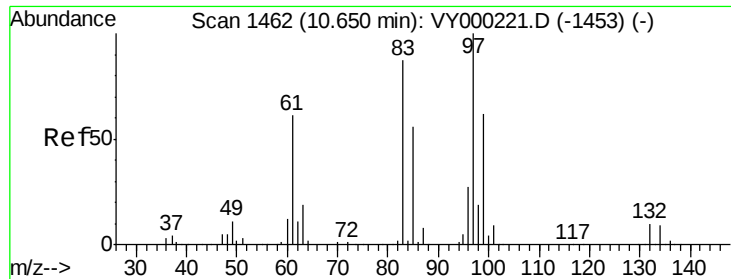
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#54
cis-1,3-Dichloropropene
Concen: 18.591 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion: 75 Resp: 113498
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4
39 46.4 36.3 54.5





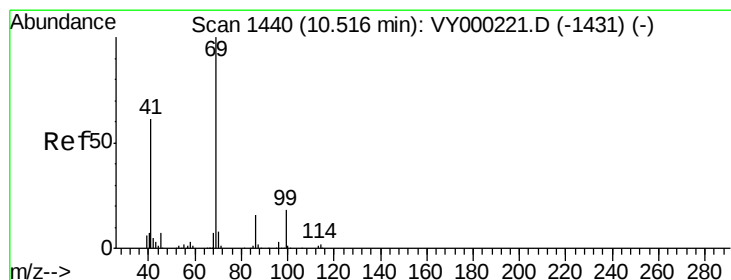
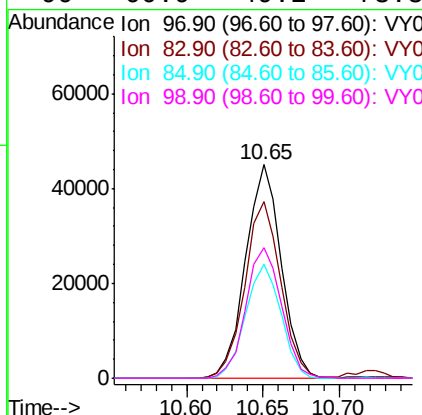
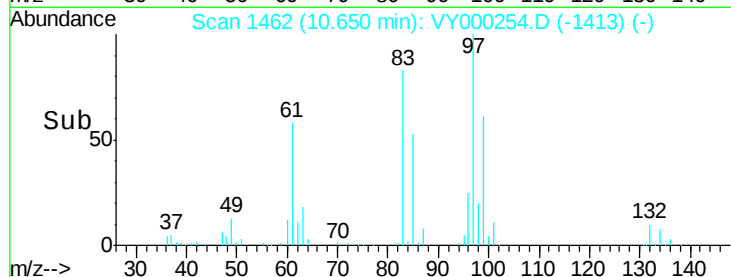
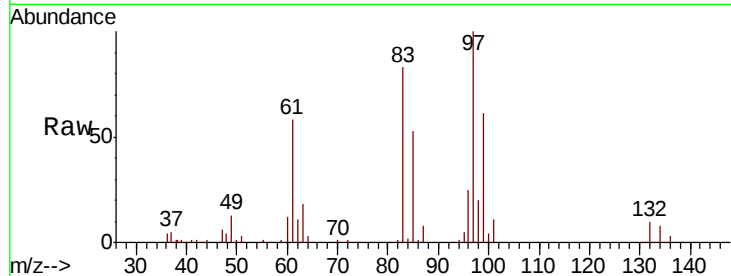
#55
 1,1,2-Trichloroethane
 Concen: 19.912 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010WBS01

Tot Ion:	97	Resp:	72911
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.4	104.0
85	53.1	44.6	66.8
99	60.9	49.2	73.8

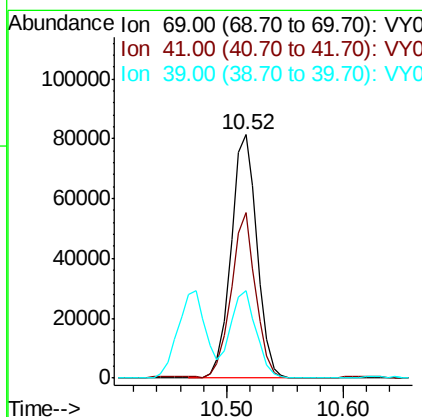
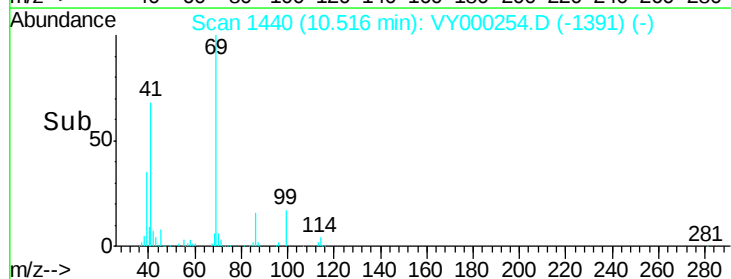
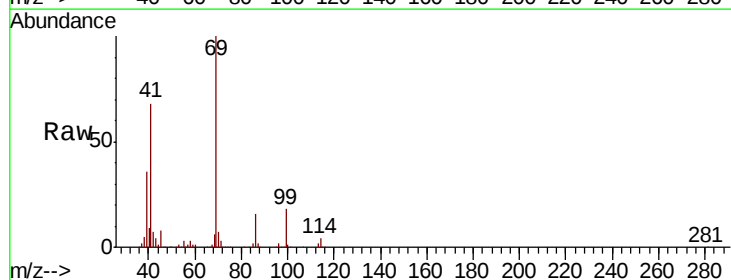
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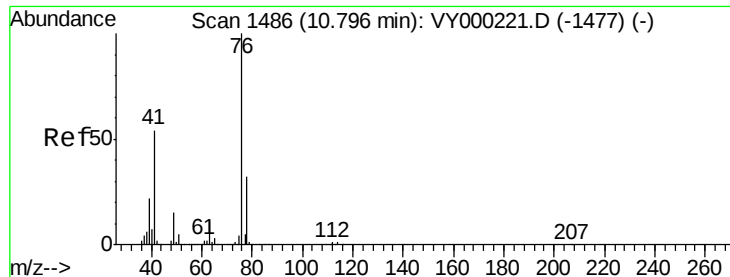
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#56
 Ethyl methacrylate
 Concen: 19.515 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

Tgt Ion:	69	Resp:	125807
Ion	Ratio	Lower	Upper
69	100		
41	64.2	51.2	76.8
39	35.7	27.0	40.4





#57

1,3-Dichloropropane

Concen: 19.609 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1010WBS01

Tot Ion: 76 Resp: 122600

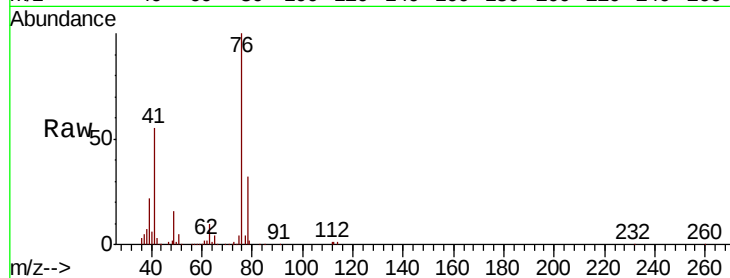
Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0

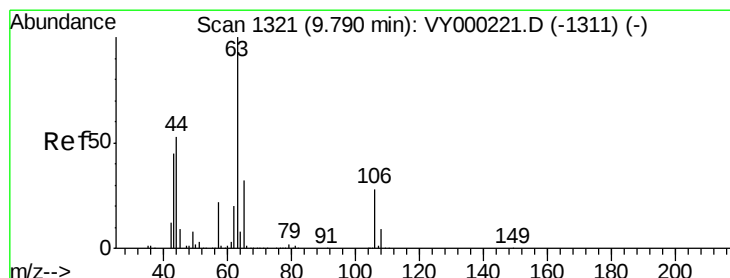
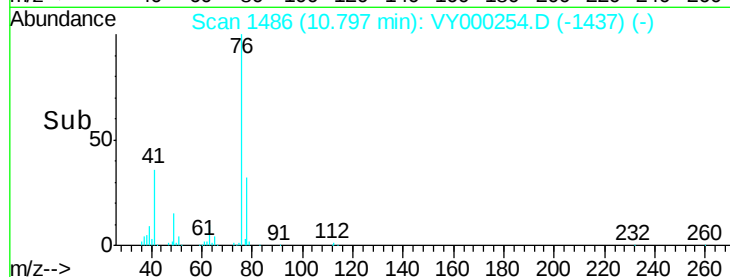
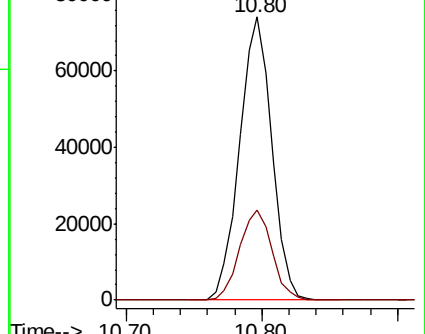
Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 120.175 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000254.D

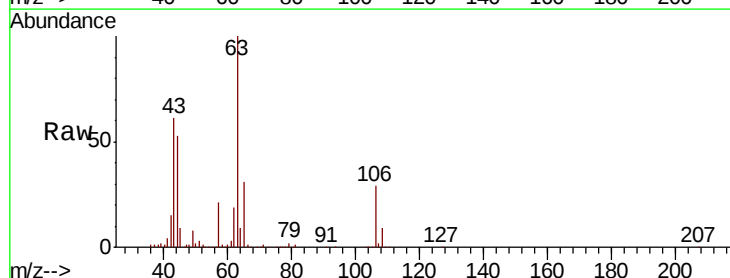
Acq: 10 Oct 2019 15:38

Tgt Ion: 63 Resp: 345322

Ion Ratio Lower Upper

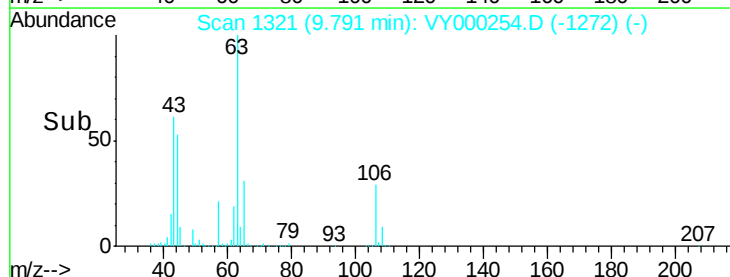
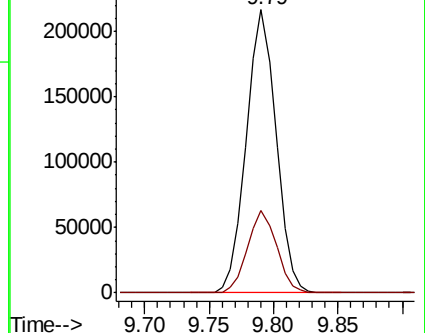
63 100

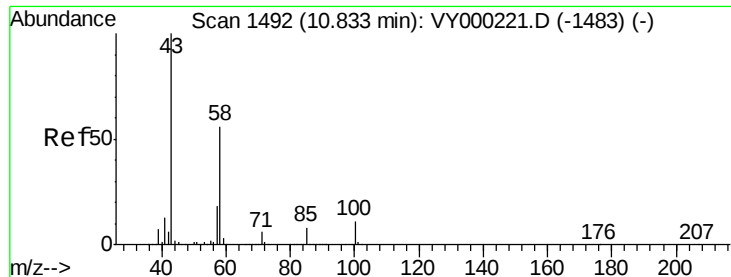
106 28.7 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





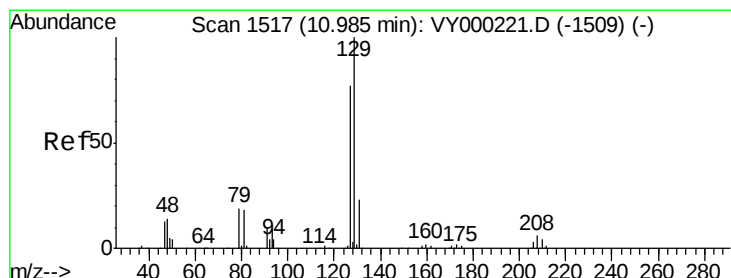
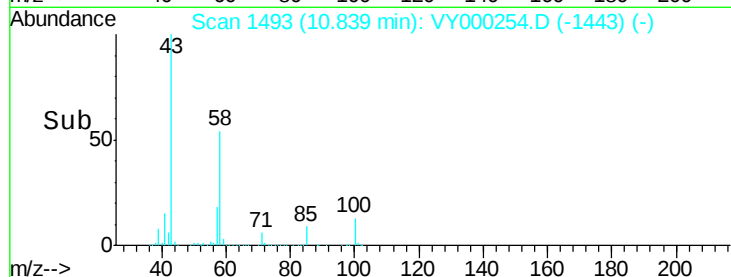
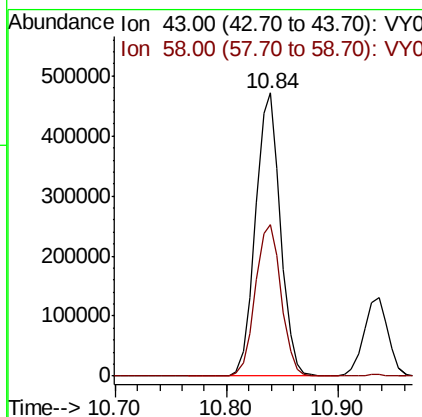
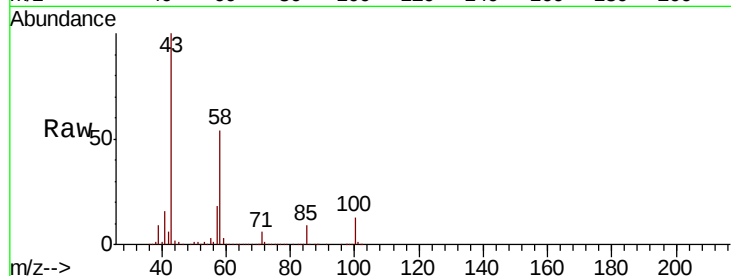
#59
2-Hexanone
Concen: 95.031 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion: 43 Resp: 734571
Ion Ratio Lower Upper
43 100
58 55.5 28.2 84.6

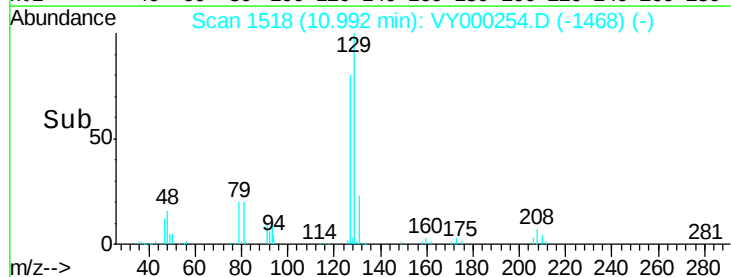
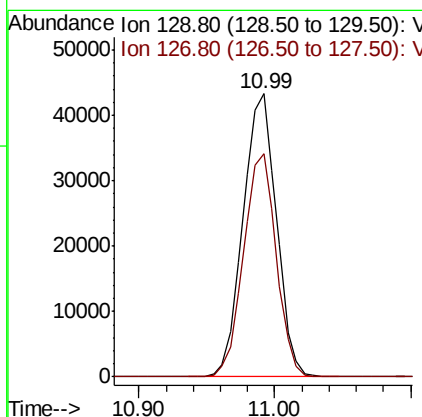
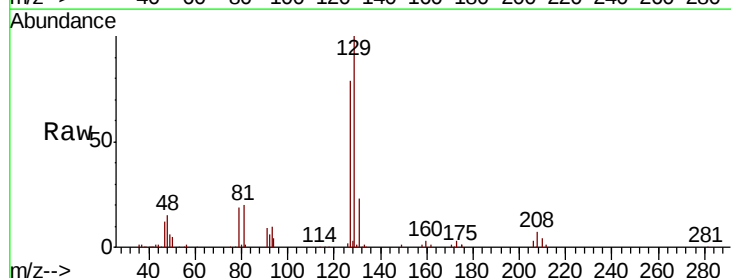
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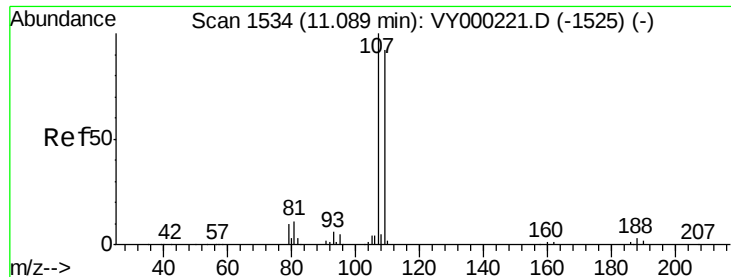
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10/14/2019 1:33:07 PM



#60
Dibromochloromethane
Concen: 19.222 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion: 129 Resp: 74417
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2





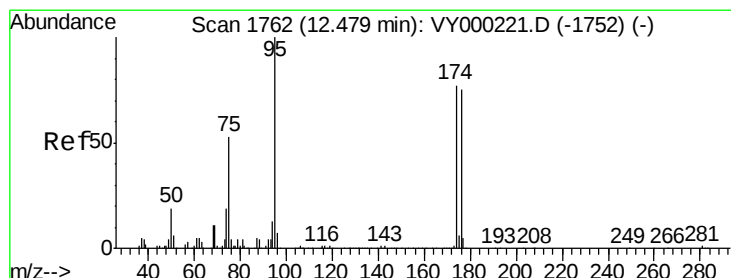
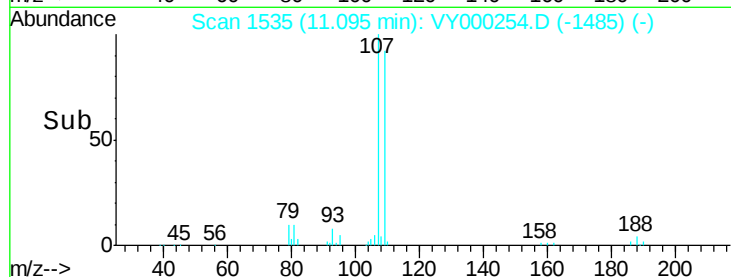
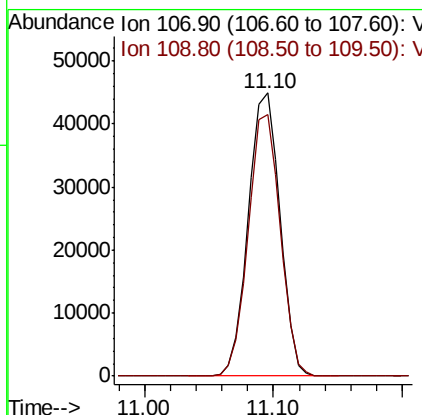
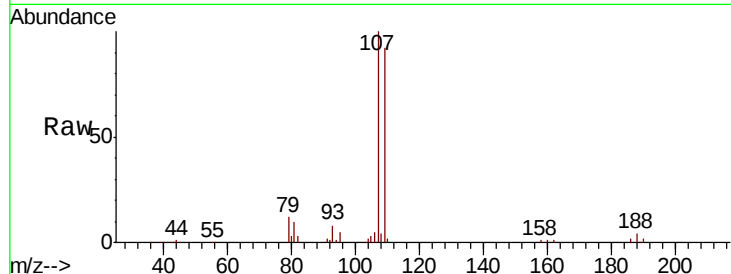
#61
 1,2-Dibromoethane
 Concen: 19.545 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.0	112.6

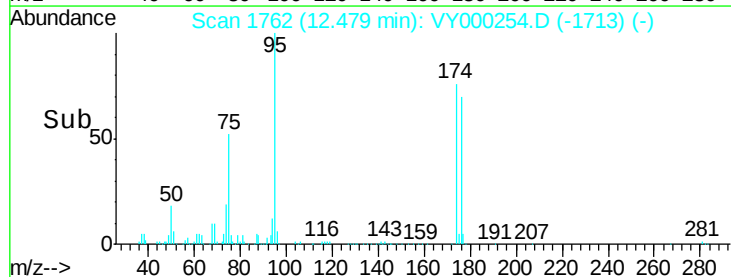
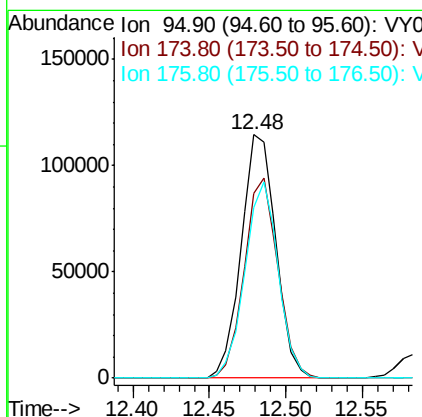
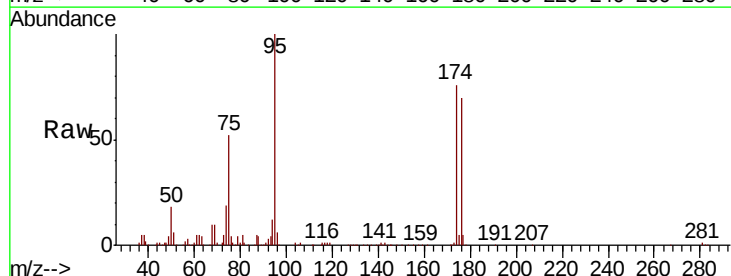
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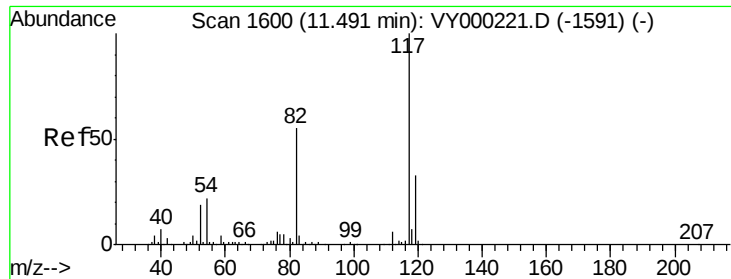
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#62
 4-Bromofluorobenzene
 Concen: 44.254 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	157.0
176	78.2	0.0	153.0





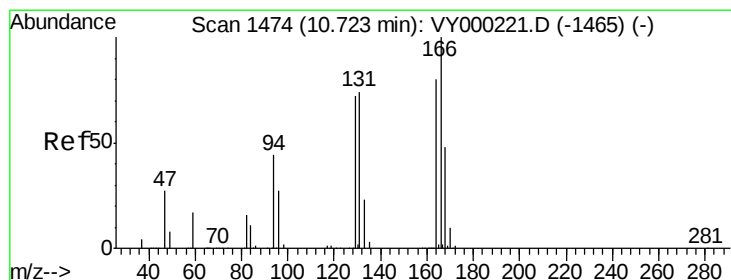
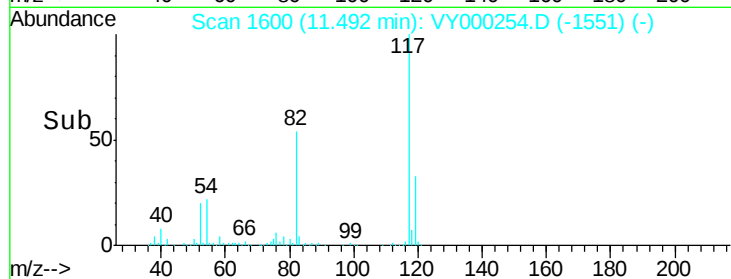
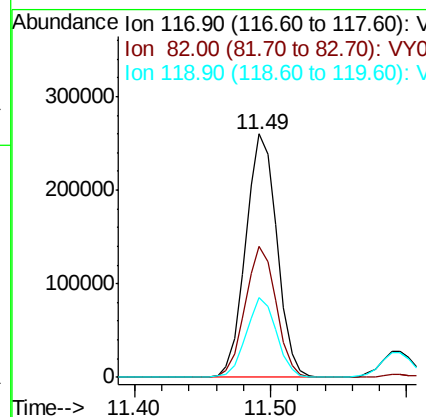
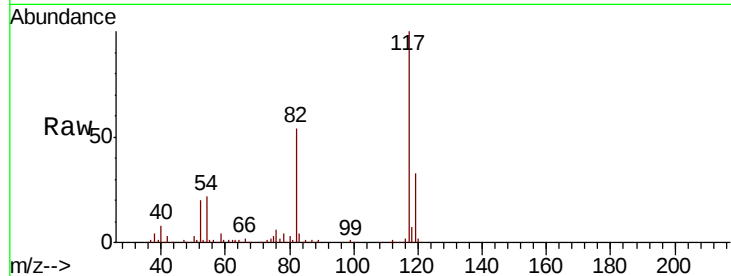
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	417980		
82	53.8		44.4	66.6
119	33.0		26.2	39.2

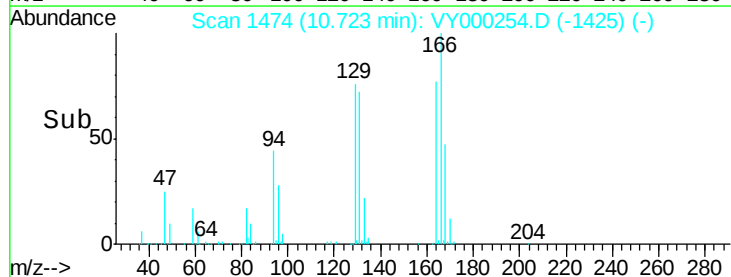
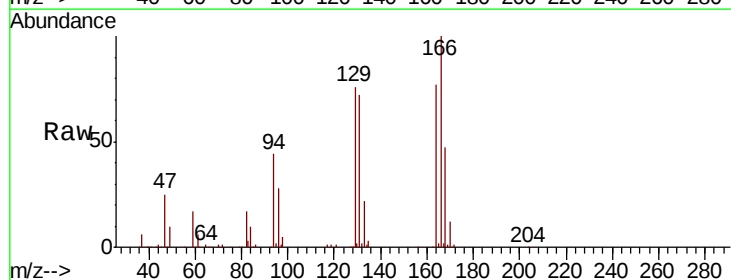
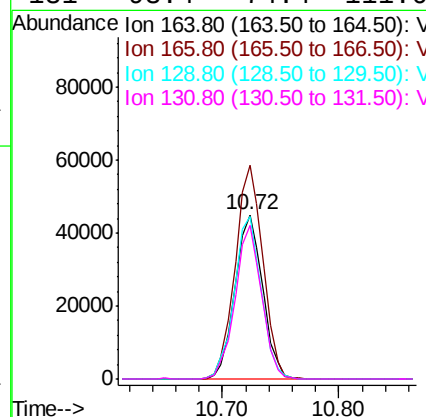
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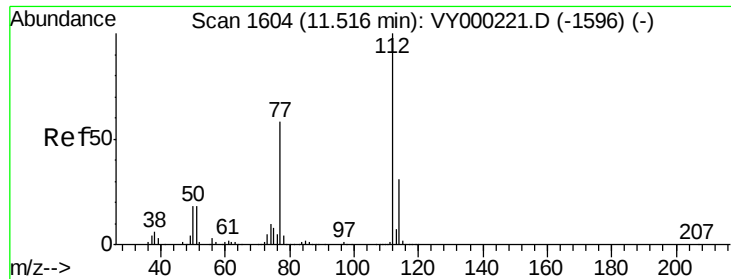
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#64
Tetrachloroethene
Concen: 19.515 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	74558		
166	130.0		100.3	150.5
129	99.2		72.4	108.6
131	93.4		74.4	111.6





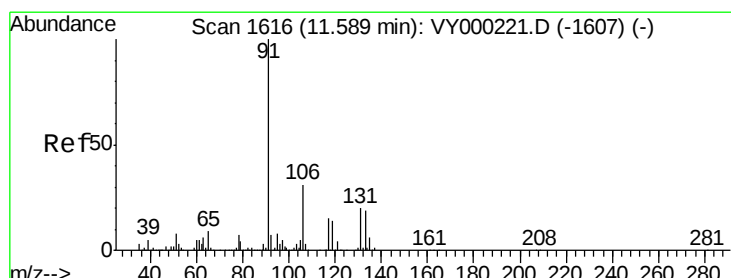
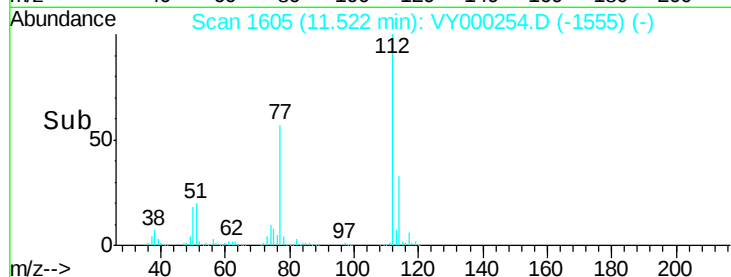
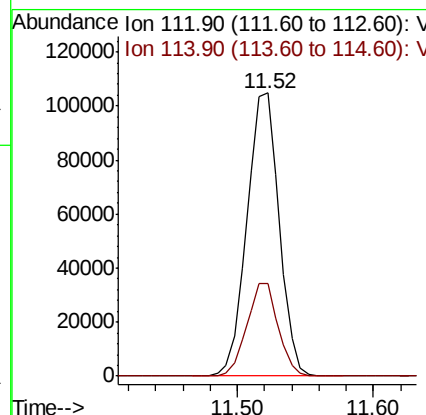
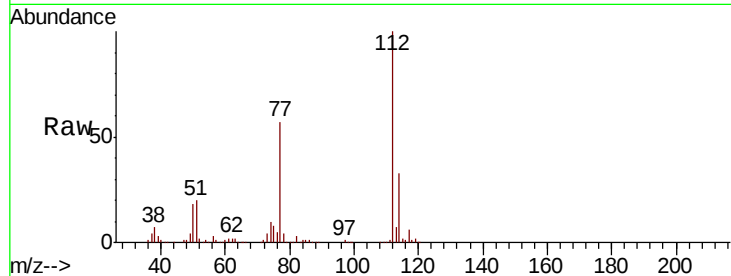
#65
Chlorobenzene
Concen: 17.928 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion:112 Resp: 173650
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4

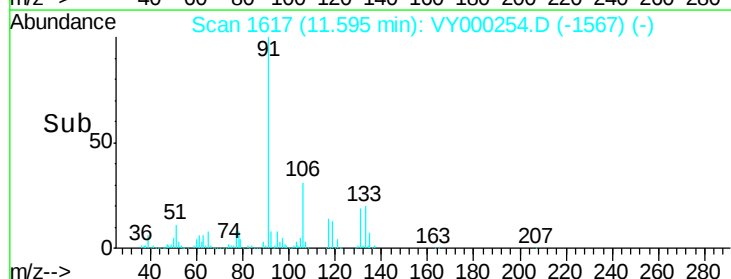
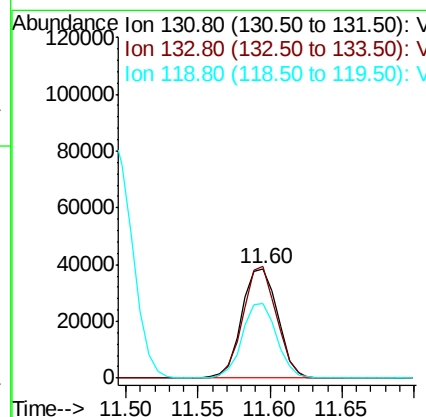
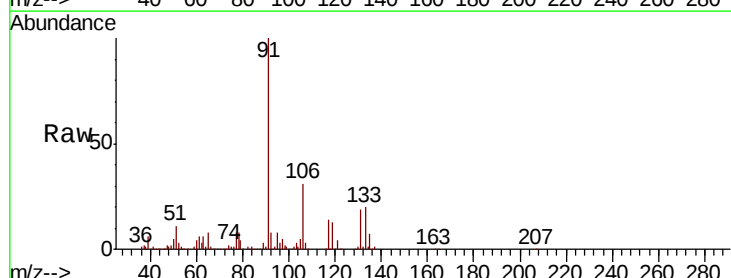
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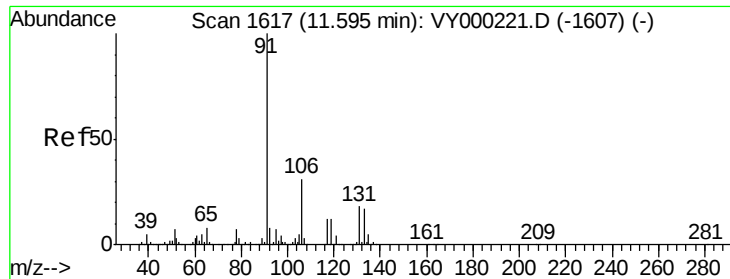
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.220 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion:131 Resp: 66555
Ion Ratio Lower Upper
131 100
133 95.9 47.0 141.2
119 65.9 33.3 99.8





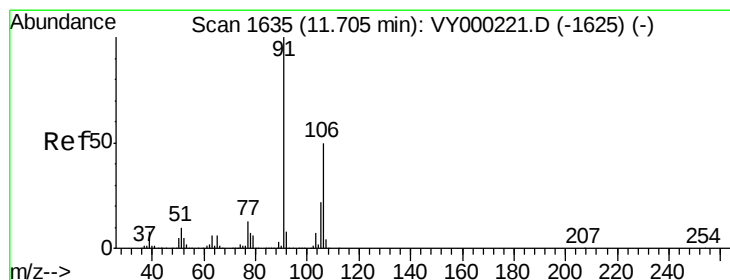
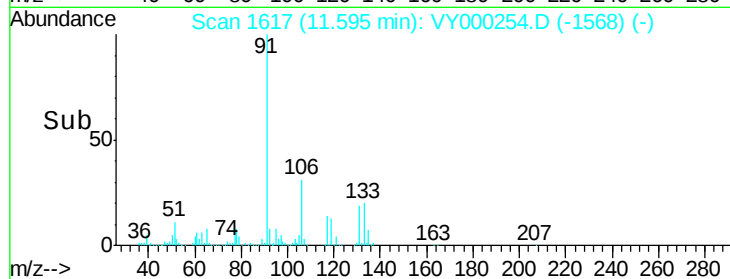
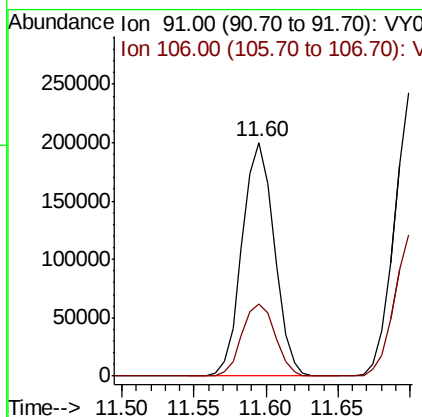
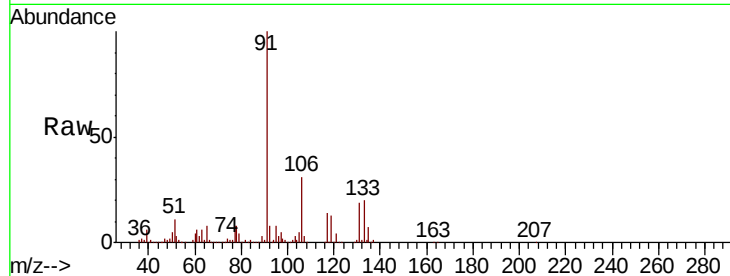
#67
Ethyl Benzene
Concen: 17.945 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.2	37.8

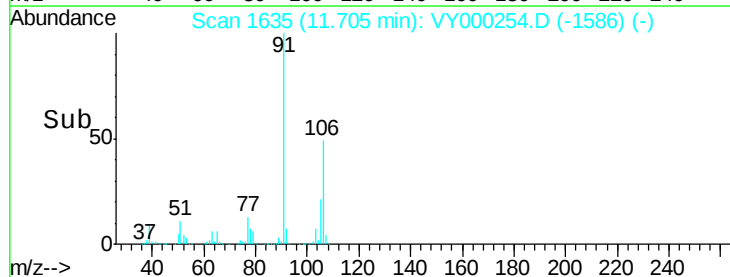
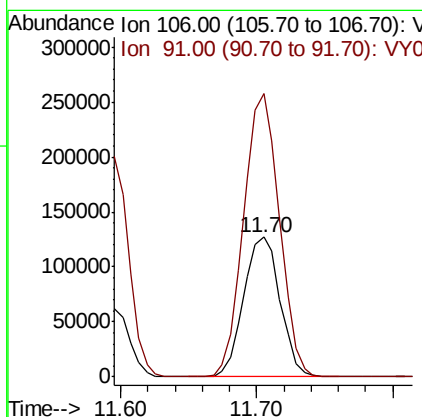
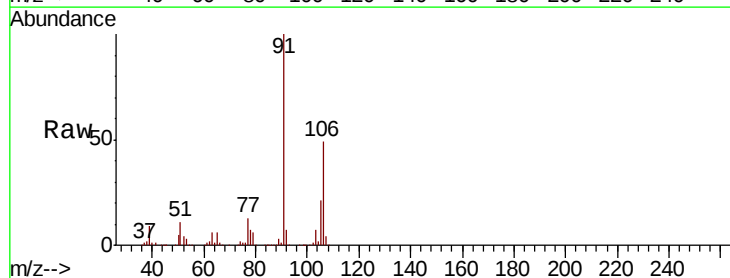
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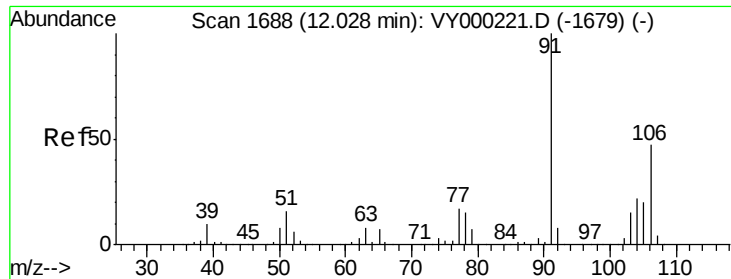
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#68
m/p-Xylenes
Concen: 36.219 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.2	159.9	239.9





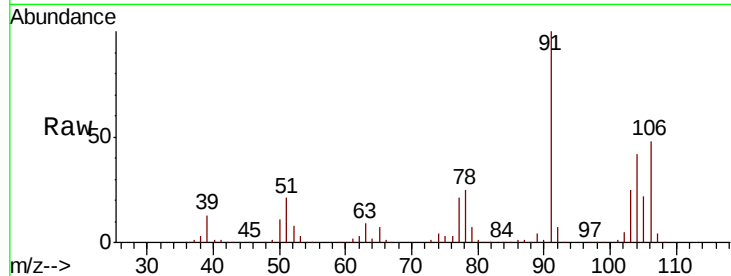
#69
o-Xylene
Concen: 18.664 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

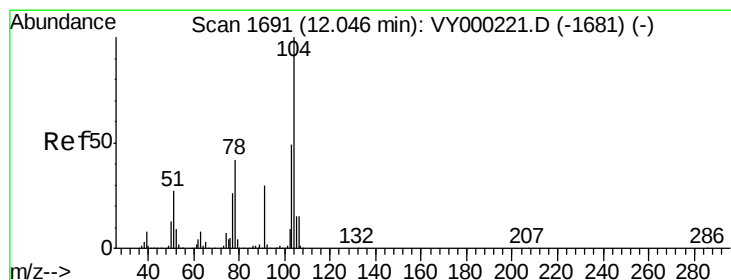
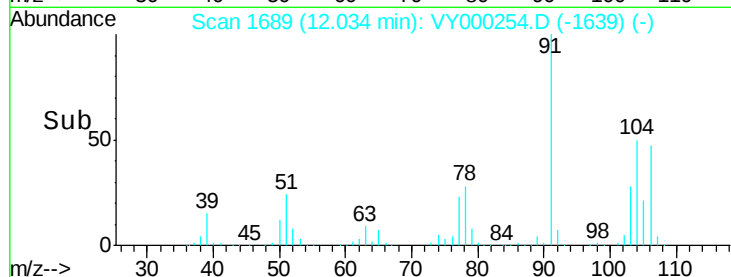
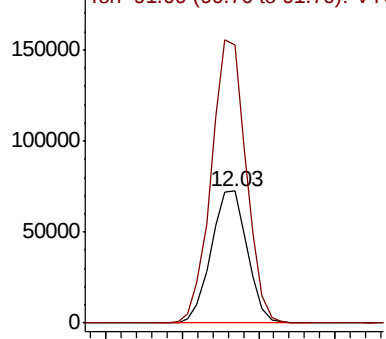
Tot Ion:106 Resp: 118795
Ion Ratio Lower Upper
106 100
91 206.1 106.1 318.1

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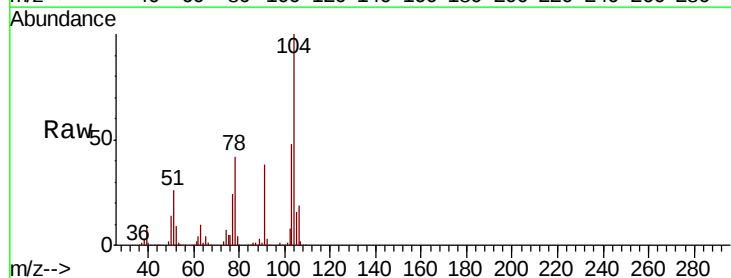


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

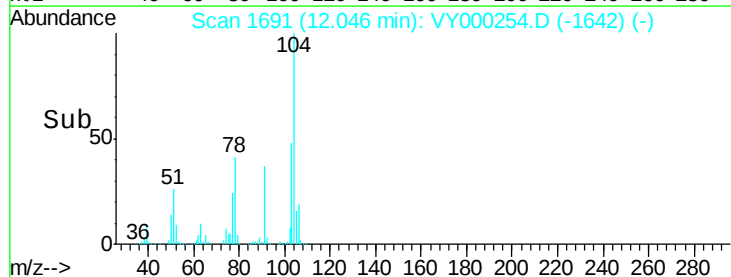
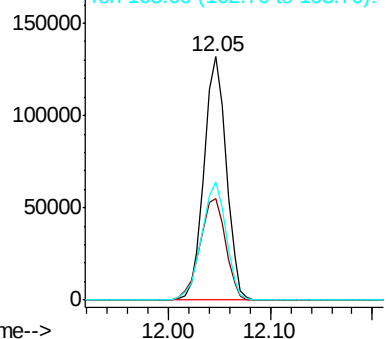


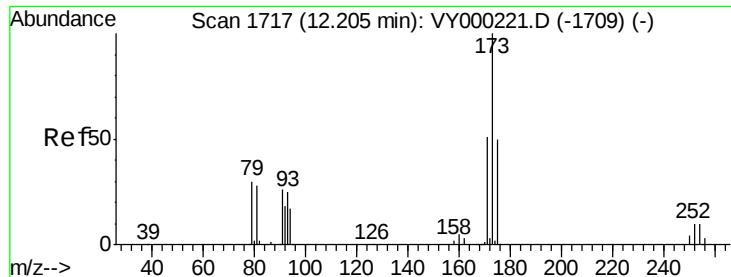
#70
Styrene
Concen: 18.060 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion:104 Resp: 198002
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.4
103 53.2 43.1 64.7



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





#71

Bromoform

Concen: 19.815 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1010WBS01

Tot Ion:173 Resp: 56620

Ion Ratio Lower Upper

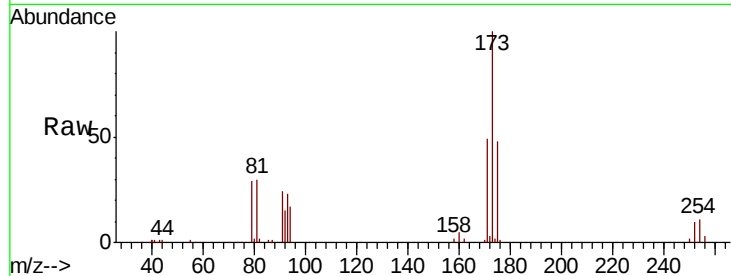
173 100

175 49.3 24.8 74.3

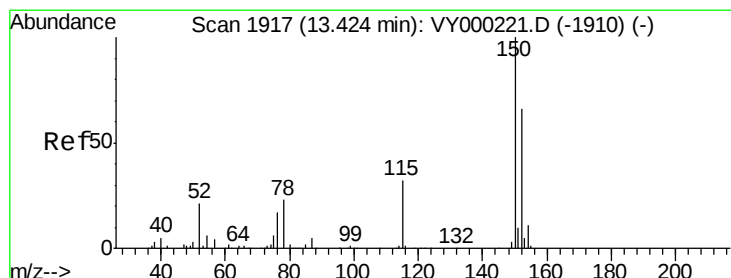
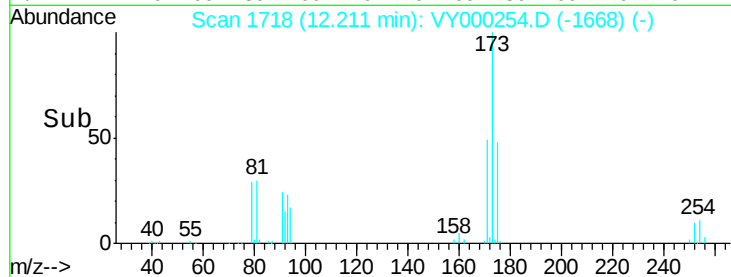
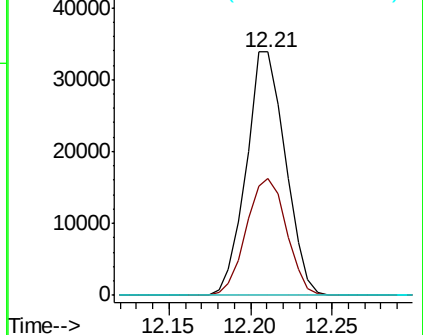
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

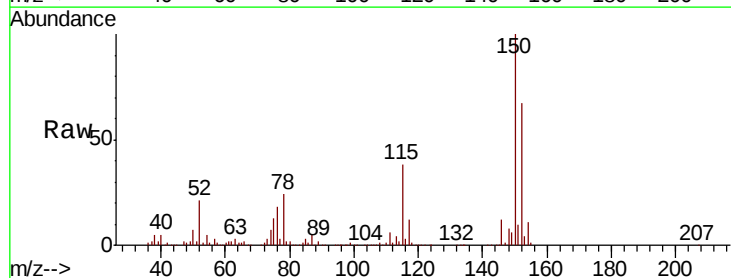
Tgt Ion:152 Resp: 196525

Ion Ratio Lower Upper

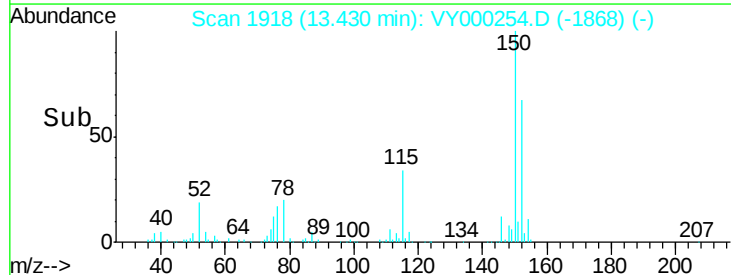
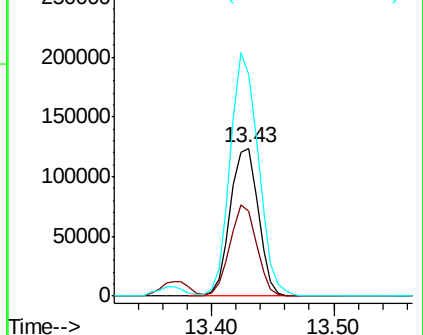
152 100

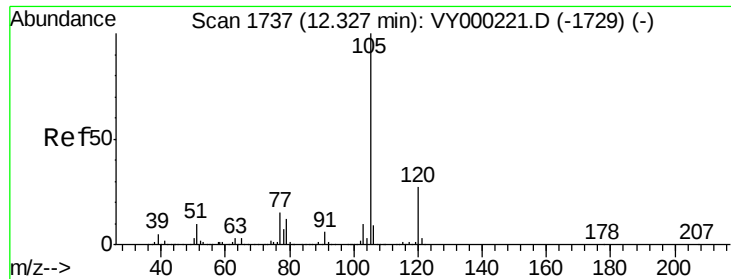
115 58.6 29.3 88.0

150 164.6 0.0 349.6



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





#73

Isopropylbenzene

Concen: 18.104 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1010WBS01

Tot Ion: 105 Resp: 301490

Ion Ratio Lower Upper

105 100

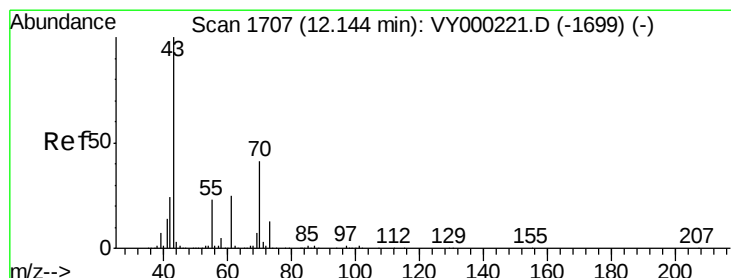
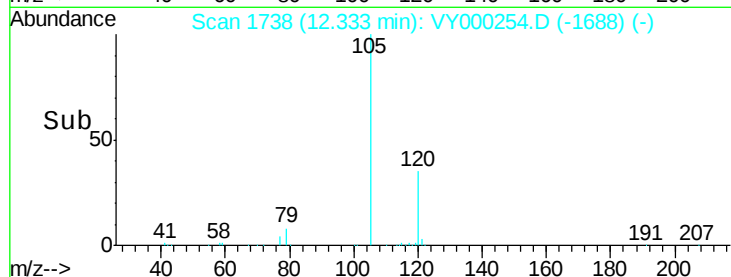
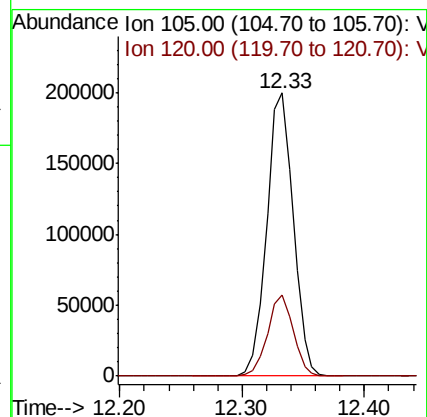
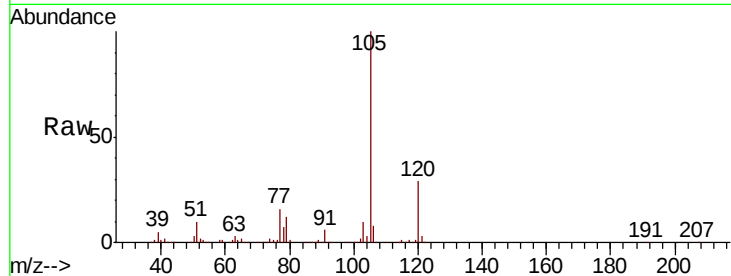
120 28.0 13.6 40.8

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#74

N-ethyl acetate

Concen: 18.548 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Tgt Ion: 43 Resp: 162402

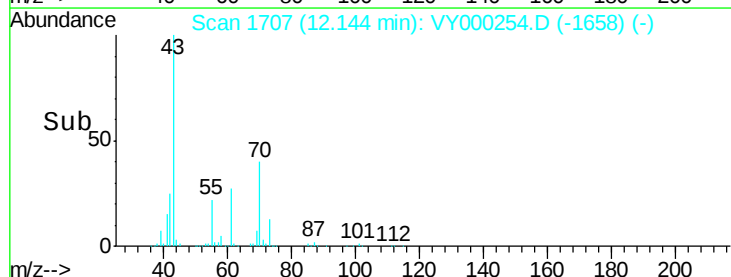
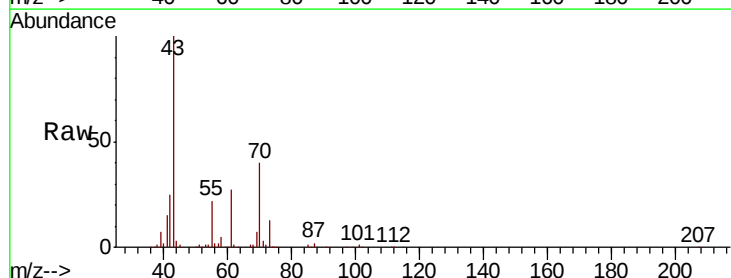
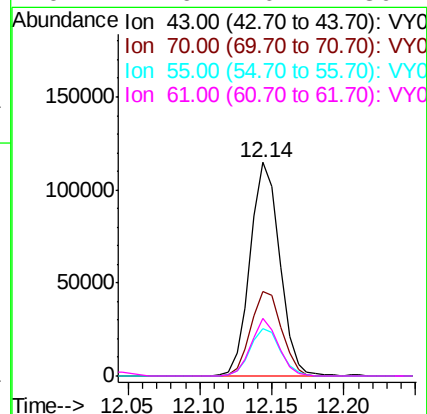
Ion Ratio Lower Upper

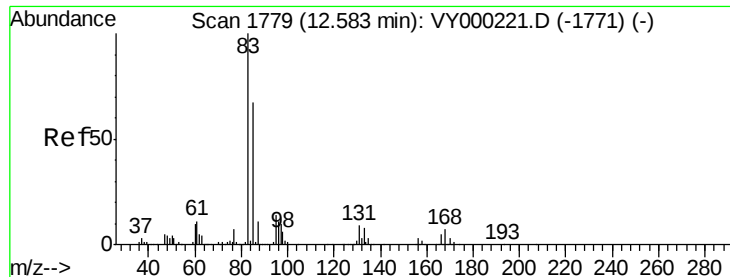
43 100

70 41.5 34.9 52.3

55 22.8 18.2 27.2

61 24.6 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.677 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

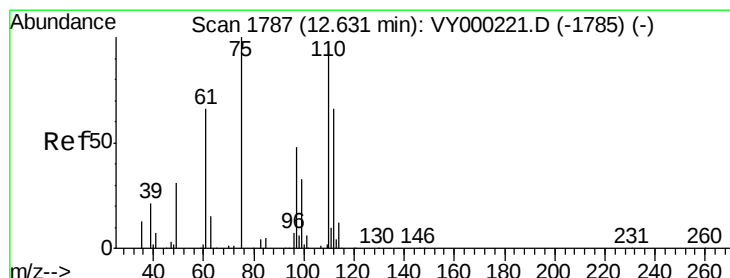
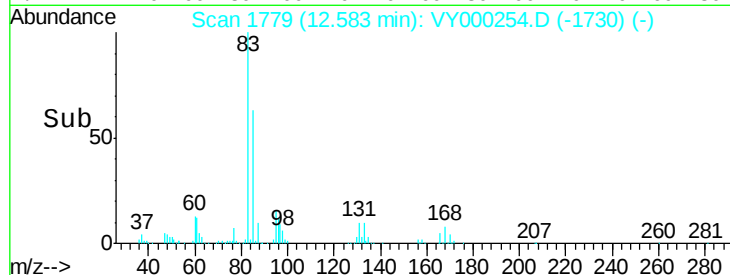
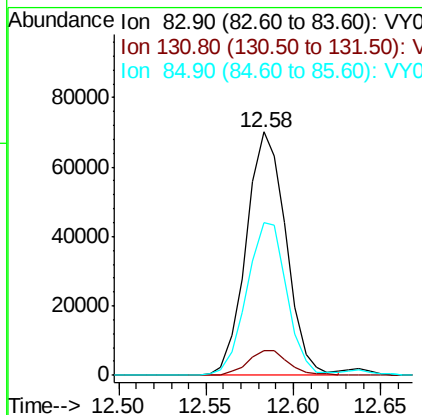
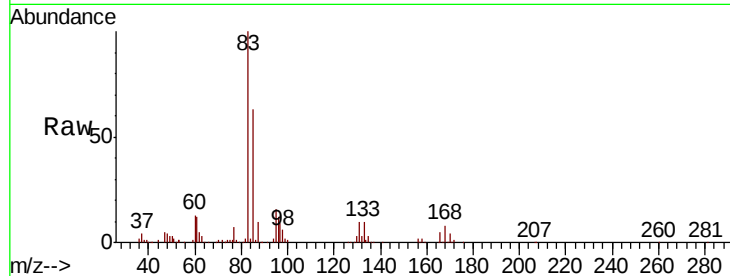
ClientSampleId :

VY1010WBS01

Tot Ion:	83	Resp:	111831
Ion Ratio	Lower	Upper	
83	100		
131	10.3	4.8	14.3
85	63.0	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.272 ug/l m

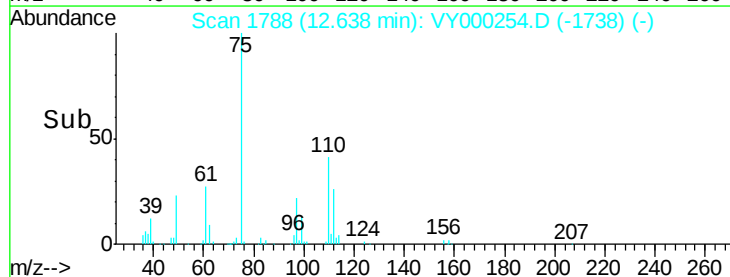
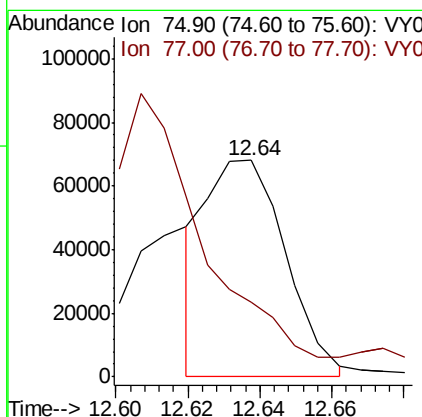
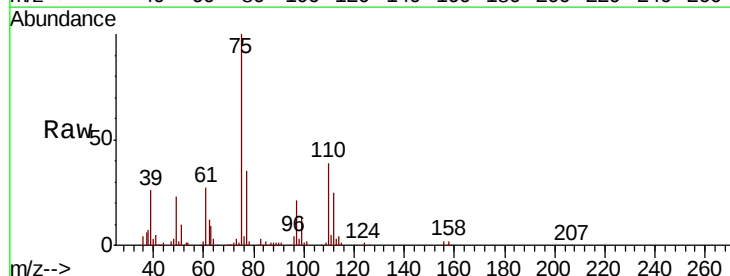
RT: 12.64 min Scan# 1788

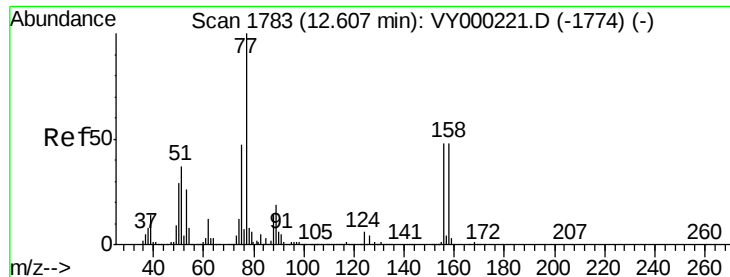
Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Tgt Ion:	75	Resp:	105186
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





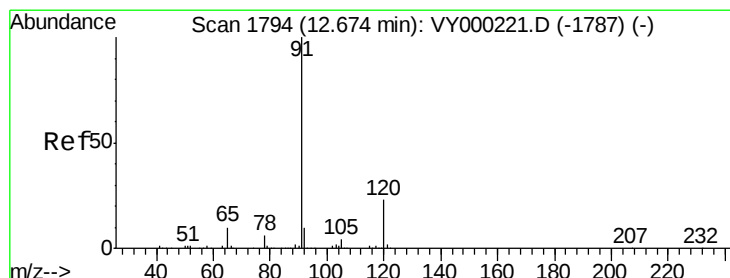
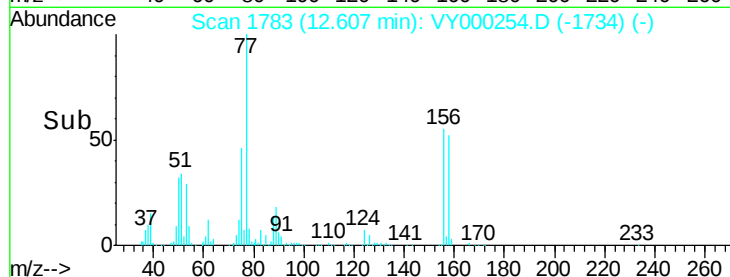
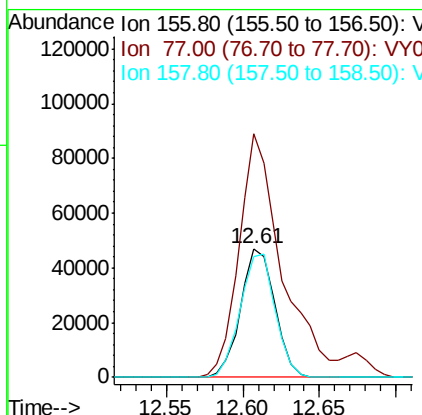
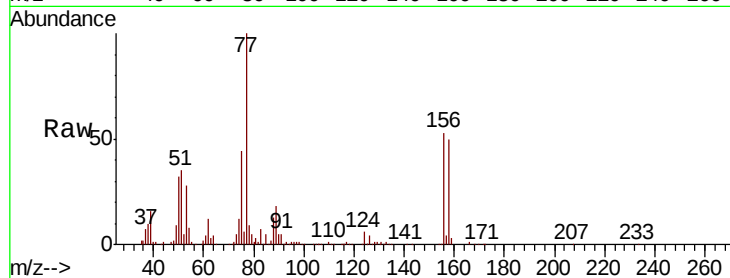
#77
Bromobenzene
Concen: 18.758 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	236.7	118.1	354.3
158	98.2	47.8	143.3

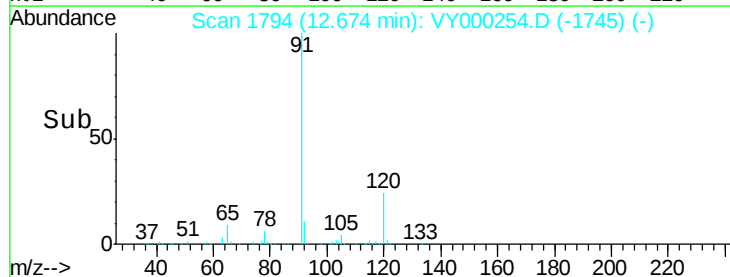
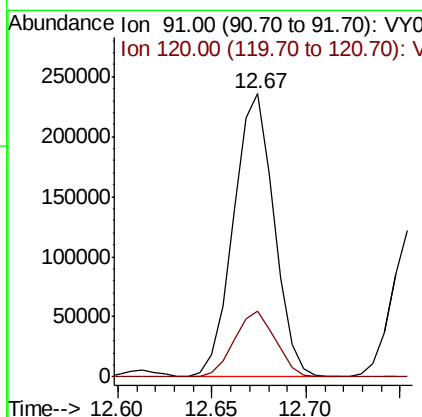
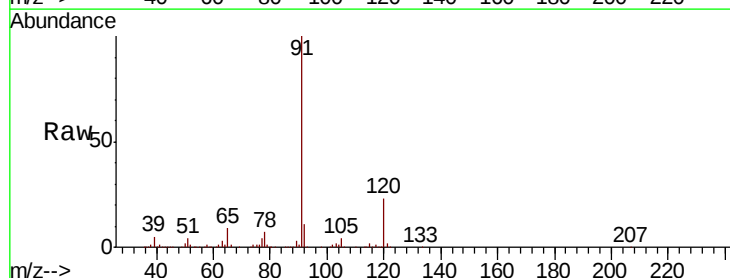
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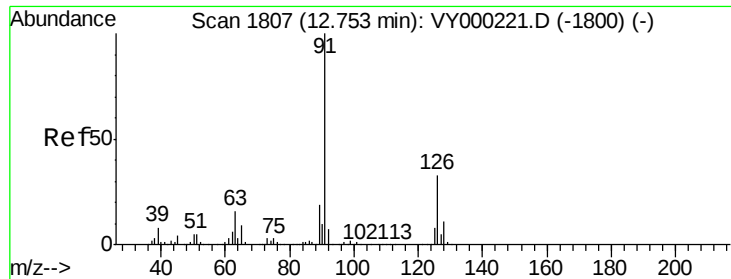
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#78
n-propylbenzene
Concen: 18.058 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.3	33.8





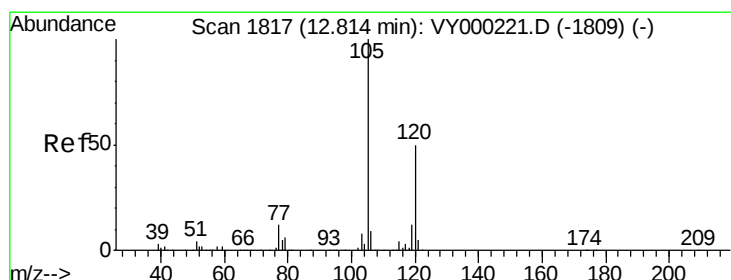
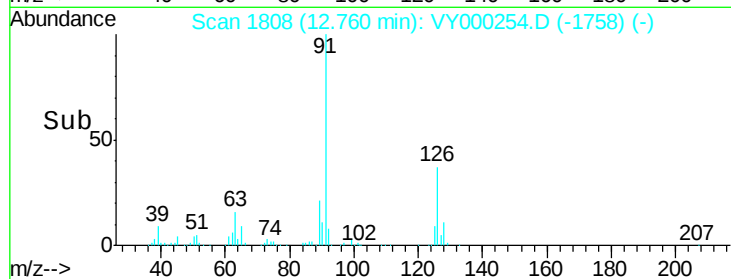
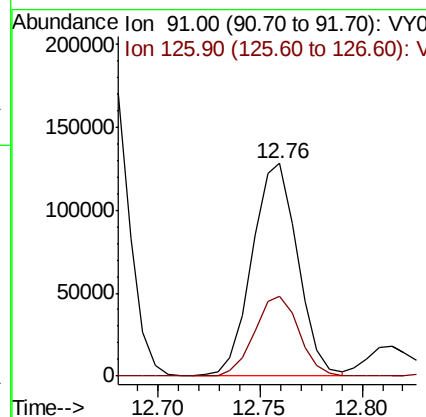
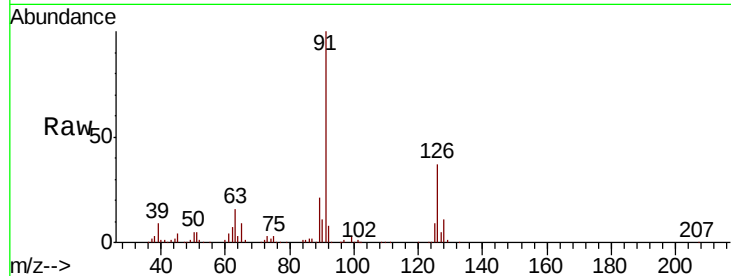
#79
2-Chlorotoluene
Concen: 17.832 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion: 91 Resp: 199710
Ion Ratio Lower Upper
91 100
126 36.5 17.2 51.6

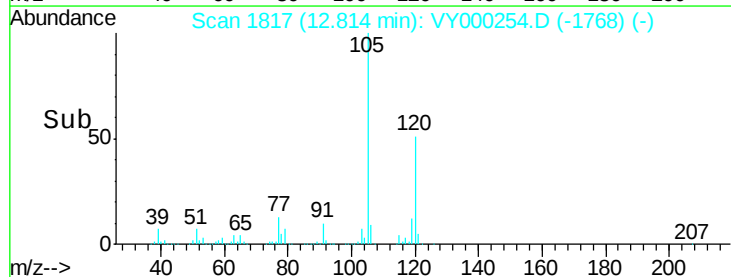
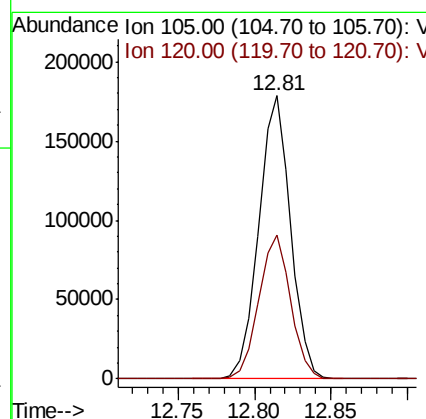
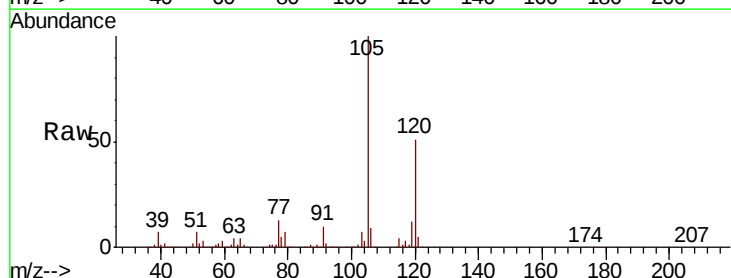
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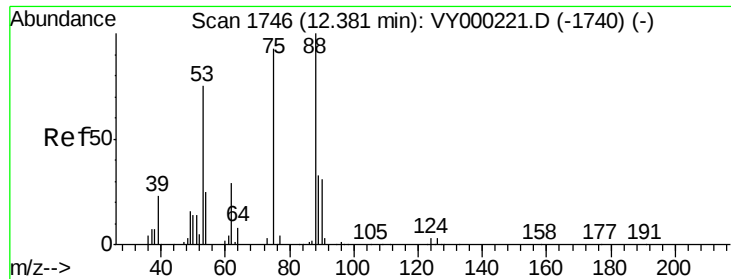
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#80
1,3,5-Trimethylbenzene
Concen: 18.598 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion: 105 Resp: 258436
Ion Ratio Lower Upper
105 100
120 50.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.554 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

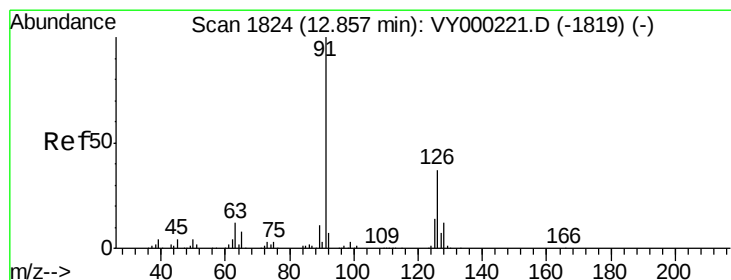
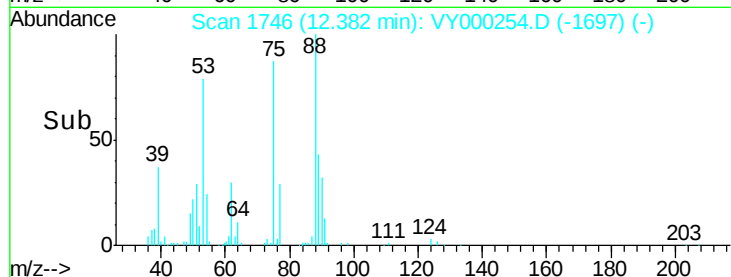
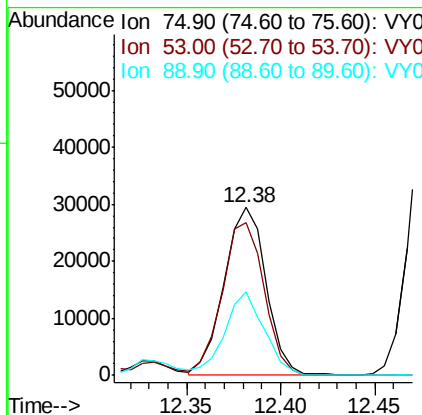
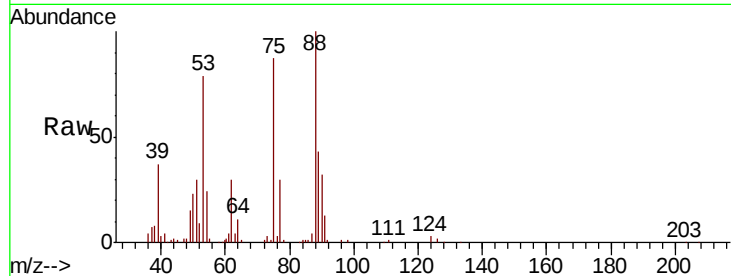
ClientSampleId :

VY1010WBS01

Tot Ion:	75	Resp:	45478
Ion	Ratio	Lower	Upper
75	100		
53	91.2	66.5	99.7
89	46.6	46.9	70.3#

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#82

4-Chlorotoluene

Concen: 18.537 ug/l

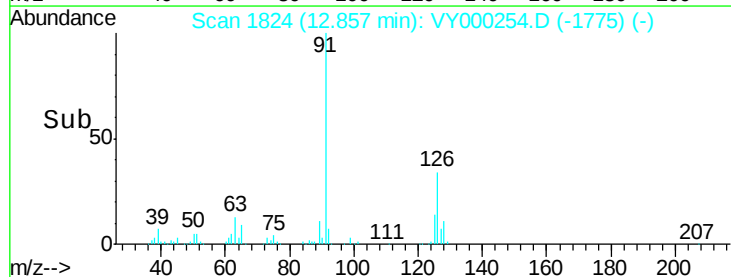
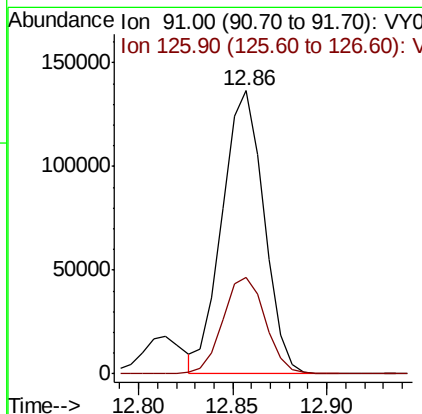
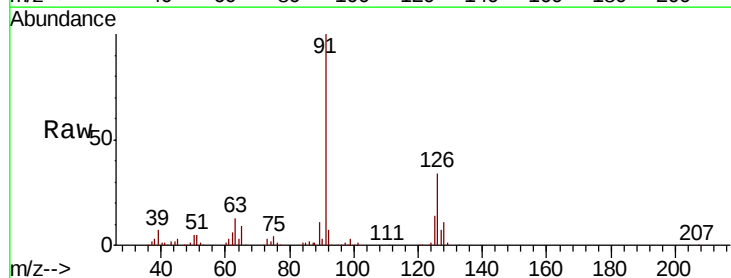
RT: 12.86 min Scan# 1824

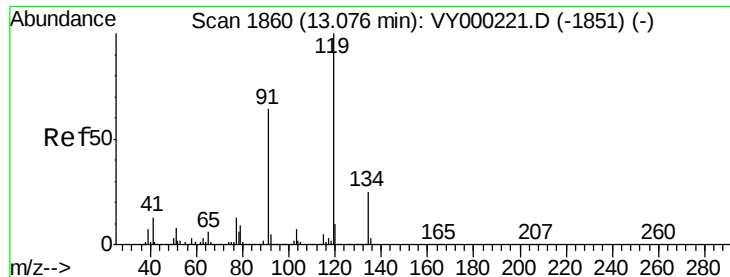
Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Tgt Ion:	91	Resp:	210270
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.3	52.0





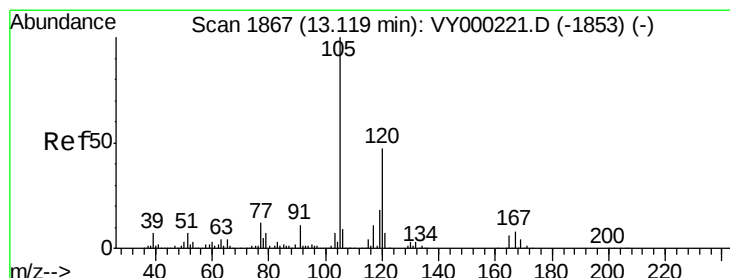
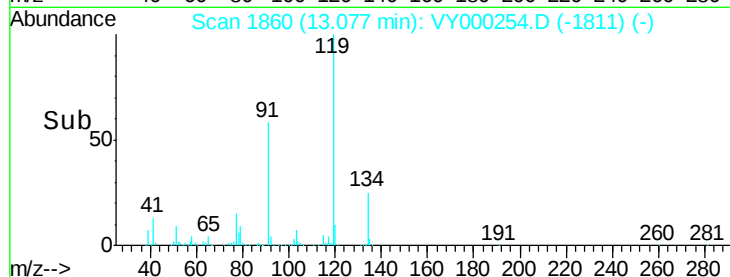
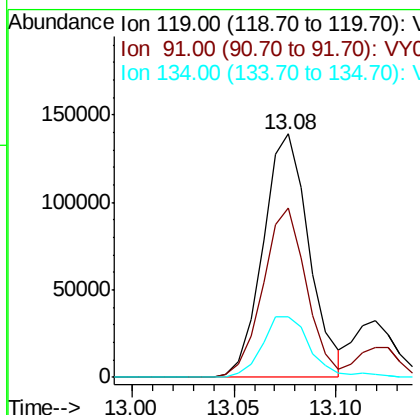
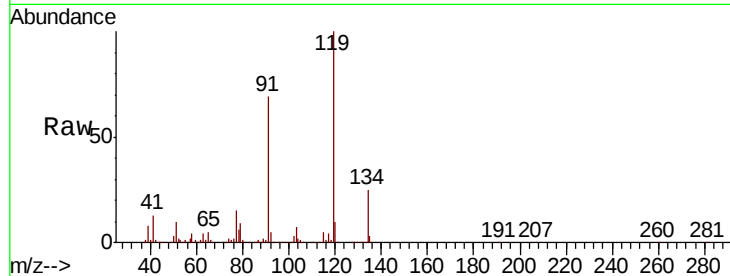
#83
tert-Butylbenzene
Concen: 18.125 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	32.4	97.2
134	26.6	13.2	39.6

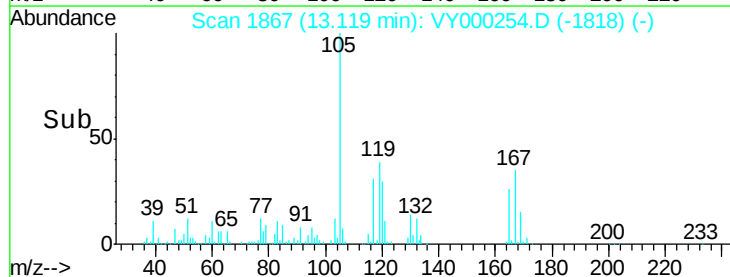
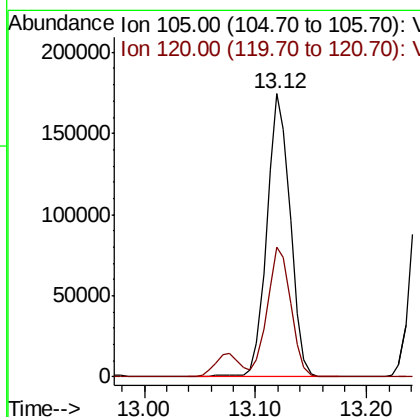
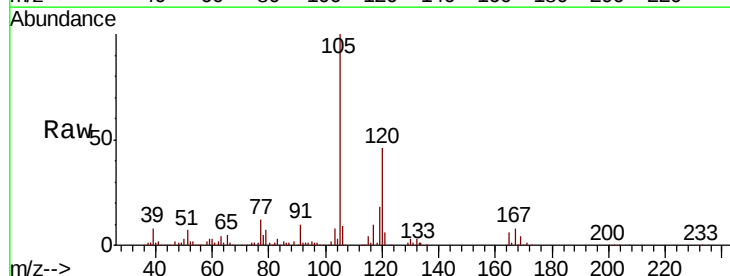
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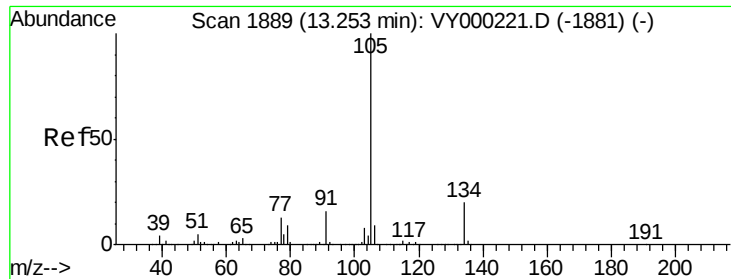
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#84
1,2,4-Trimethylbenzene
Concen: 18.401 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.8	68.3





#85

sec-Butylbenzene

Concen: 18.149 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1010WBS01

Tot Ion:105 Resp: 302122

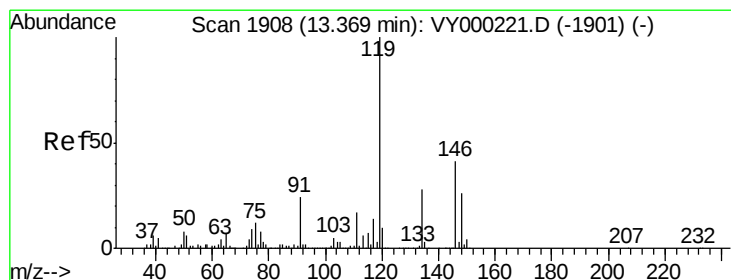
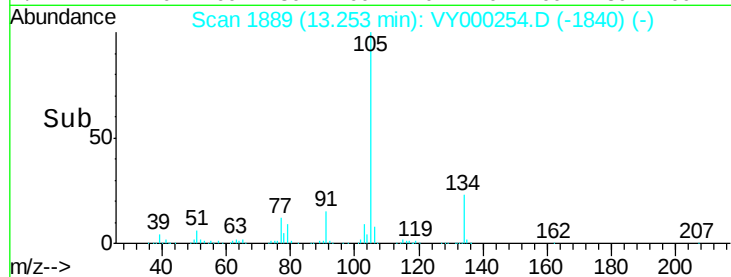
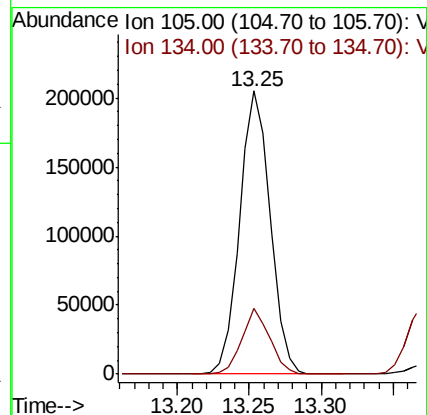
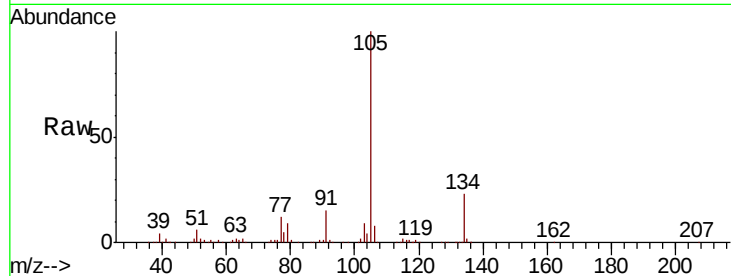
Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 18.390 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

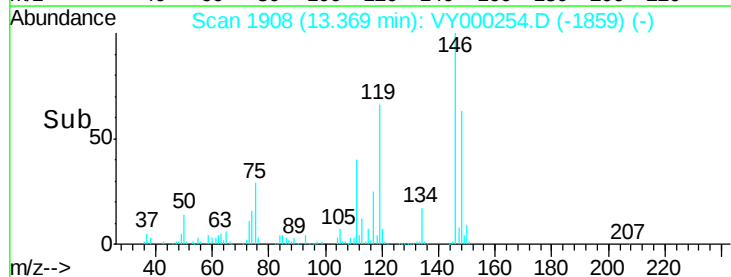
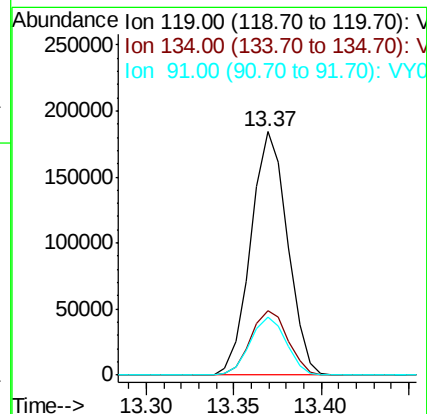
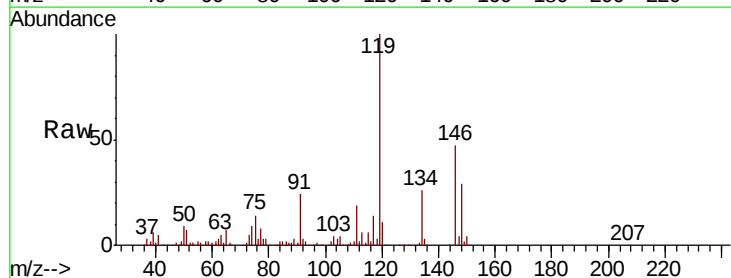
Tgt Ion:119 Resp: 269211

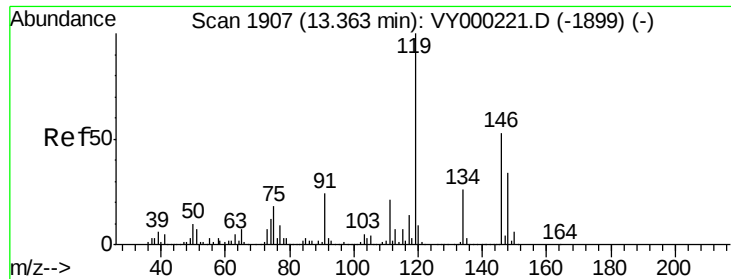
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

91 23.4 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 18.939 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

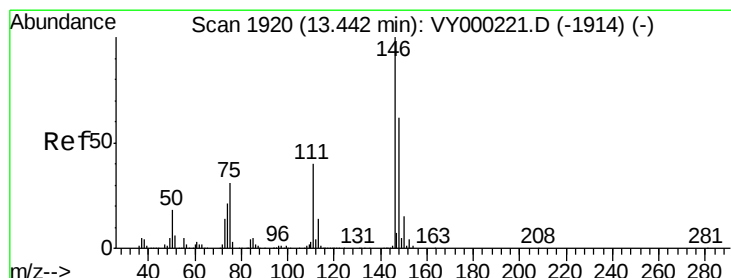
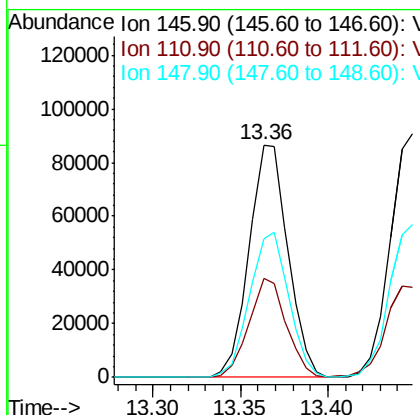
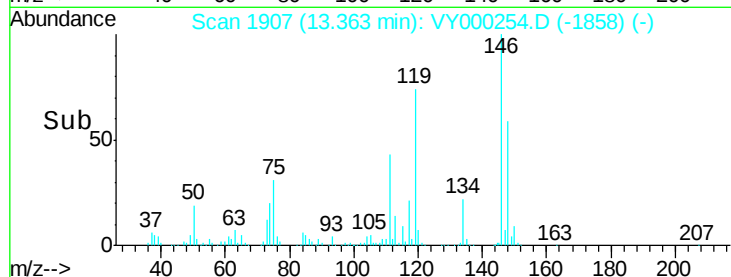
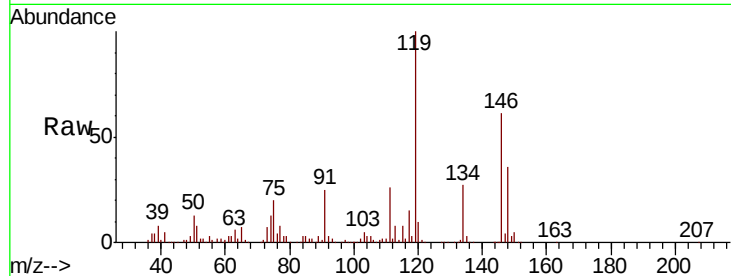
ClientSampleId :

VY1010WBS01

Tot Ion:	146	Resp:	134041
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.3	60.8
148	62.8	31.7	95.1

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#88

1,4-Dichlorobenzene

Concen: 18.214 ug/l

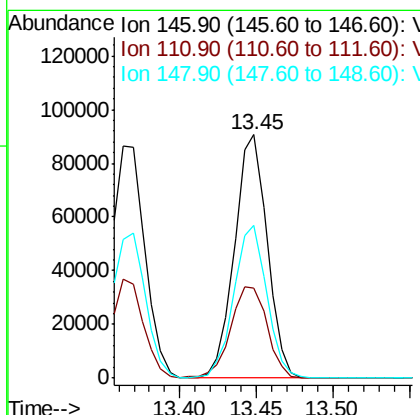
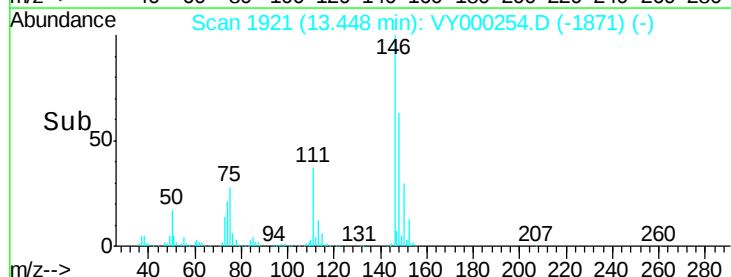
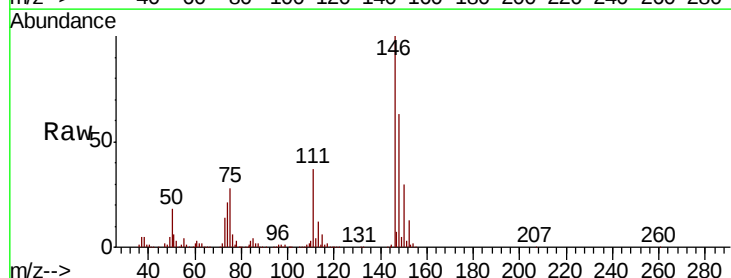
RT: 13.45 min Scan# 1921

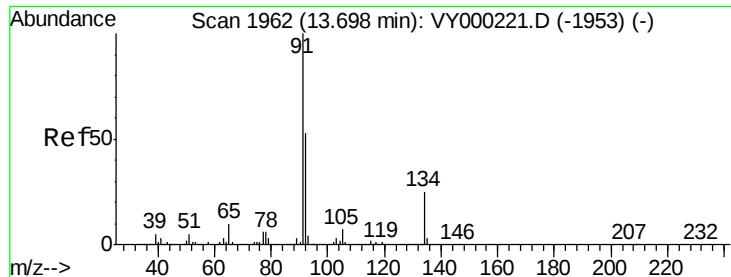
Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Tgt Ion:	146	Resp:	134279
Ion Ratio	Lower	Upper	
146	100		
111	42.1	19.8	59.3
148	63.5	31.6	94.8





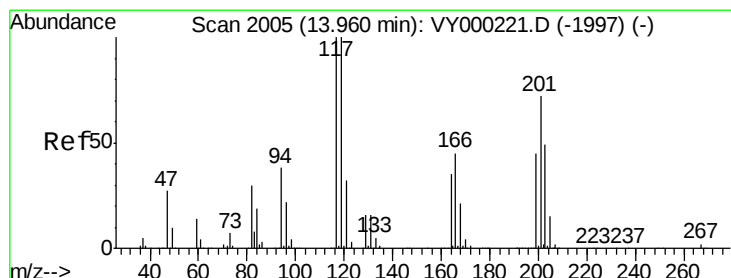
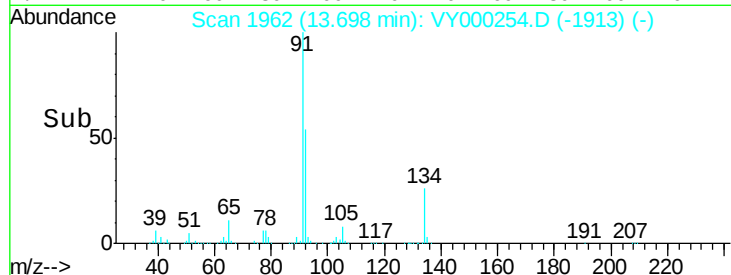
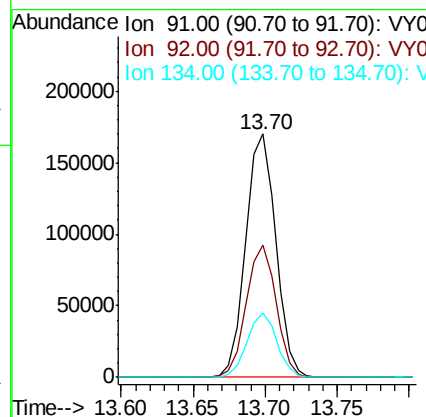
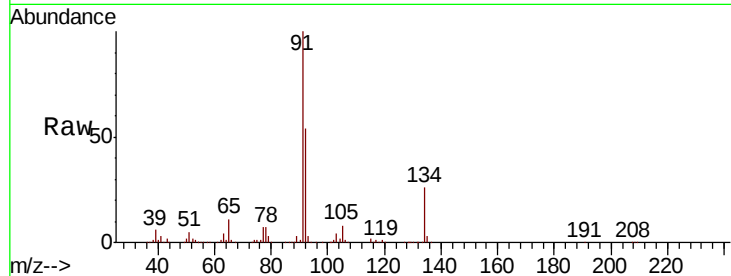
#89
n-Butylbenzene
Concen: 17.819 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.0	80.8
134	26.0	12.8	38.4

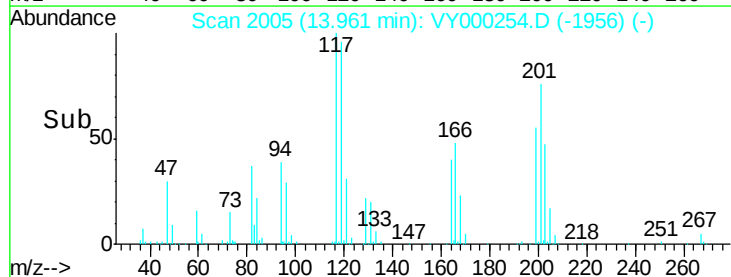
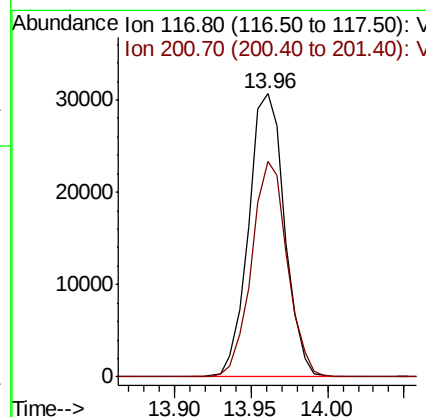
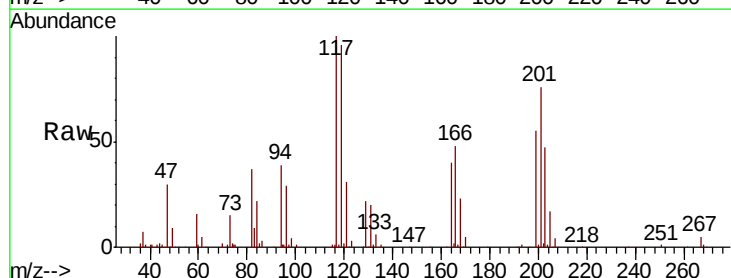
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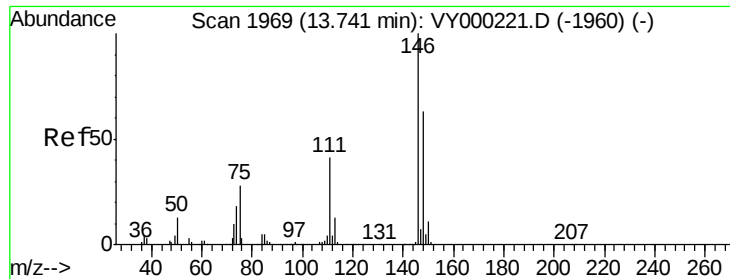
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#90
Hexachloroethane
Concen: 18.118 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.3	35.5	106.5





#91

1,2-Dichlorobenzene

Concen: 18.672 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

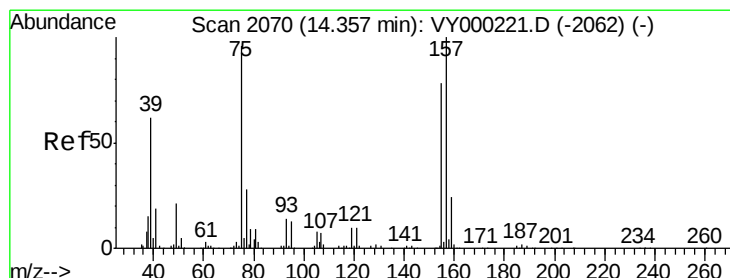
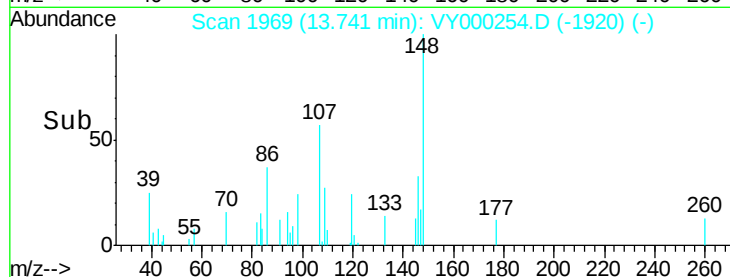
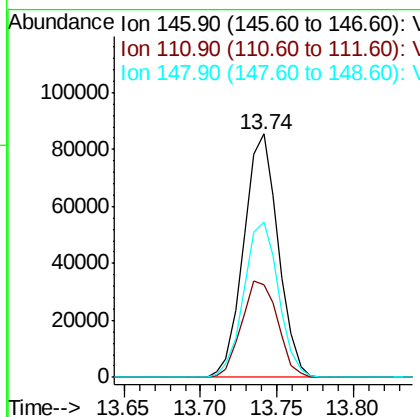
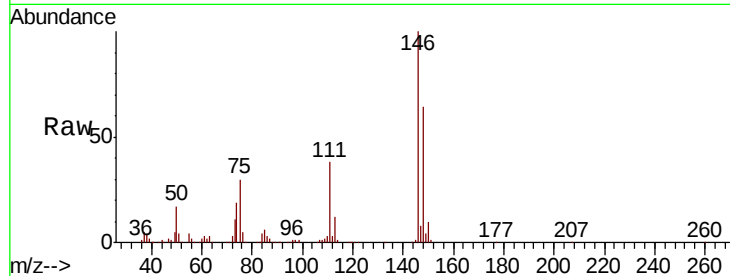
ClientSampleId :

VY1010WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.9	62.8
148	64.2	31.6	95.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.646 ug/l

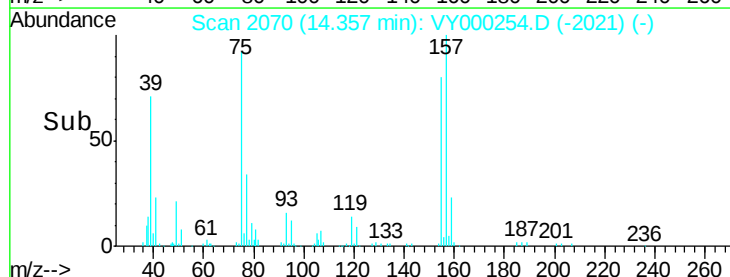
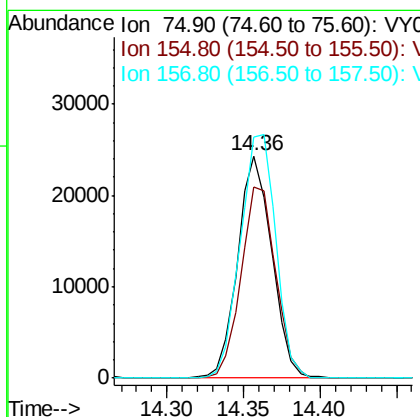
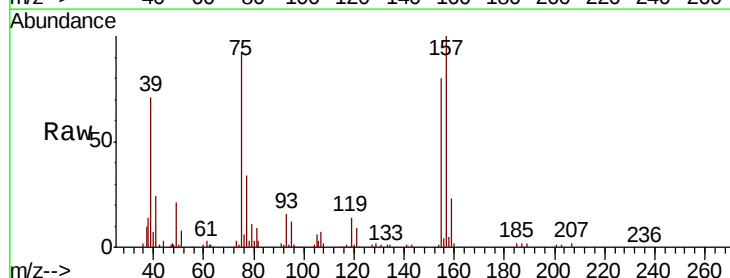
RT: 14.36 min Scan# 2070

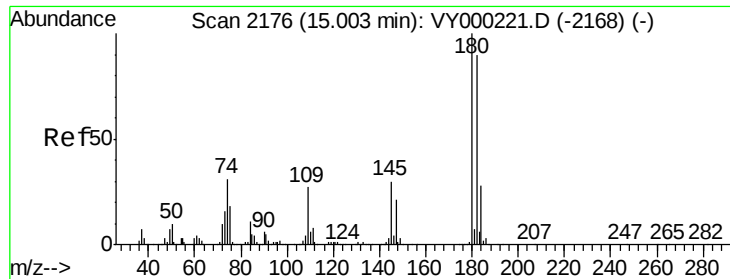
Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.1	42.4	127.3
157	113.8	53.8	161.5





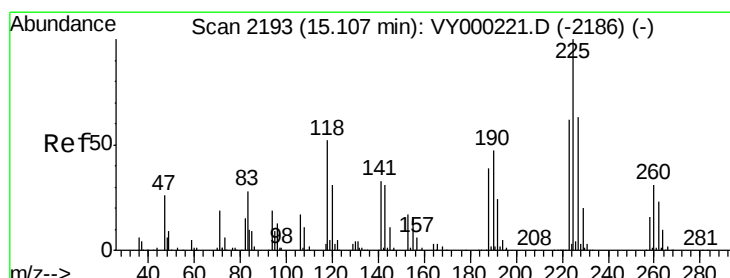
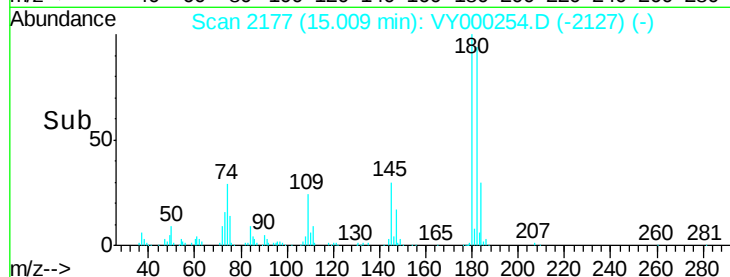
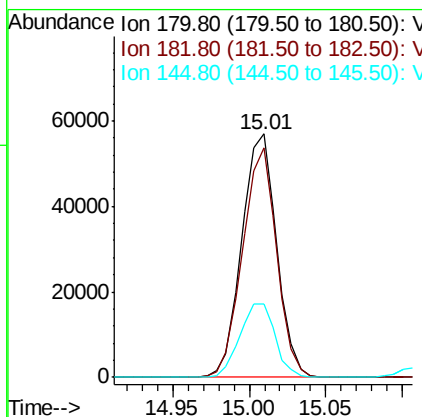
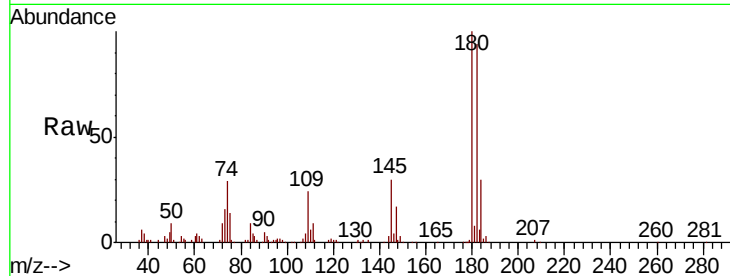
#93
 1,2,4-Trichlorobenzene
 Concen: 18.473 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	89852		
182	92.3	47.2	141.6	
145	30.7	15.3	45.8	

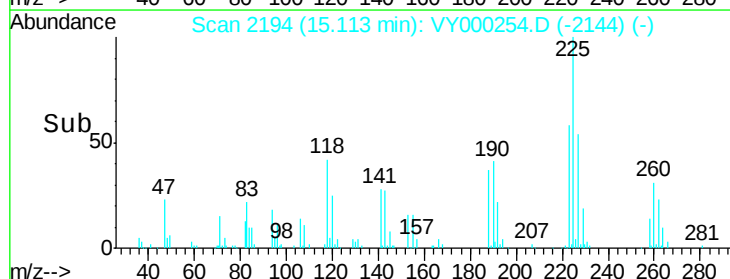
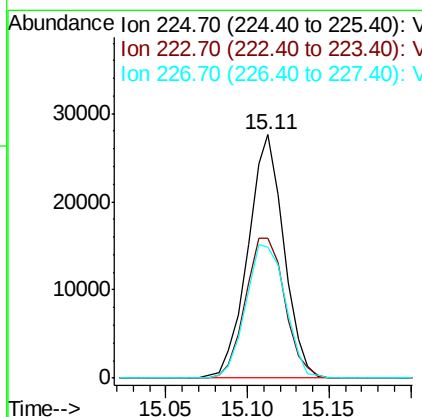
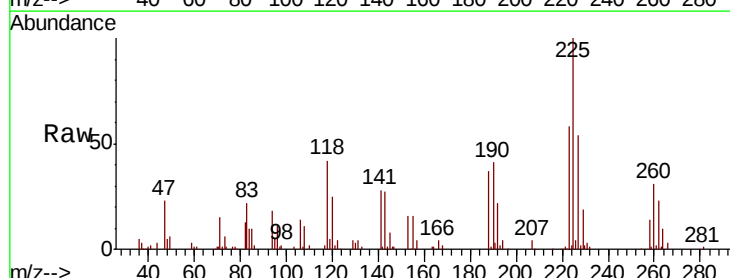
Manual Integrations
 APPROVED

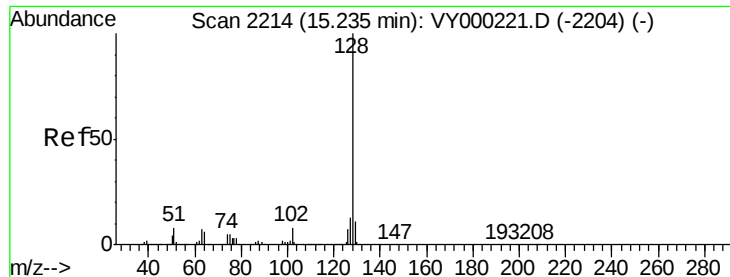
MMDadoda
 10/14/2019 1:33:07 PM



#94
 Hexachlorobutadiene
 Concen: 18.213 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	42334		
223	63.2	31.9	95.5	
227	60.4	31.5	94.5	





#95

Naphthalene

Concen: 19.090 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

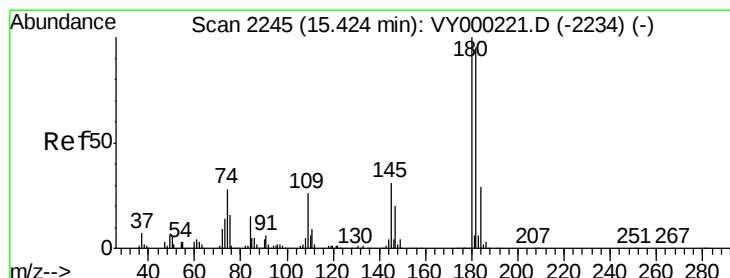
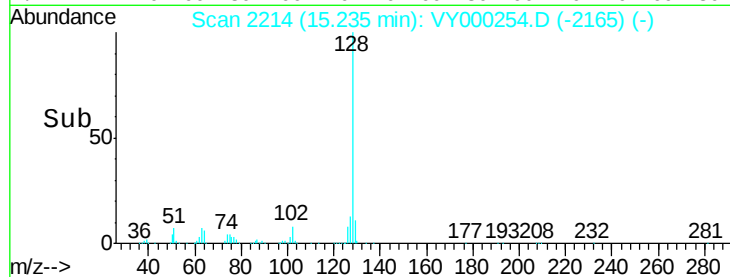
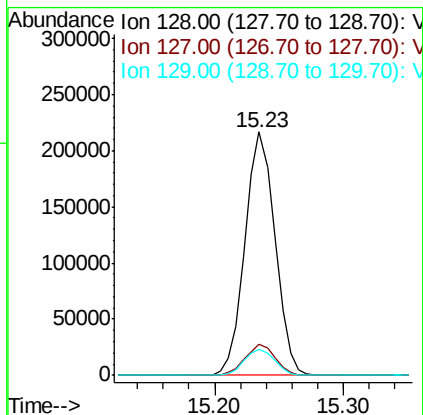
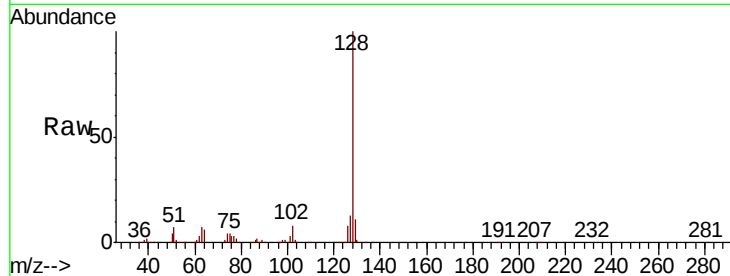
ClientSampleId :

VY1010WBS01

Tot Ion:	128	Resp:	349293
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.2
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/14/2019 1:33:07 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.994 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Tgt Ion:	180	Resp:	88864
Ion Ratio	Lower	Upper	
180	100		
182	97.7	47.9	143.7
145	33.0	16.3	48.9

