

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000256.D
 Acq On : 10 Oct 2019 16:23
 Operator : SY/MD
 Sample : 0.5PPBMDL
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 05:53:07 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	284385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	479896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	417439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	188920	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	189339	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	
35) Dibromofluoromethane	7.73	113	152506	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
50) Toluene-d8	10.19	98	571792	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.48	95	196326	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	1427	0.503	ug/l #	47
3) Chloromethane	2.12	50	2657	0.687	ug/l	90
4) Vinyl Chloride	2.25	62	2331	0.584	ug/l #	75
5) Bromomethane	2.65	94	1845	0.733	ug/l	87
6) Chloroethane	2.80	64	1557	0.618	ug/l	98
7) Trichlorofluoromethane	3.13	101	2702	0.524	ug/l	97
8) Diethyl Ether	3.53	74	925	0.392	ug/l #	4
9) 1,1,2-Trichlorotrifluoroet	3.91	101	1580	0.525	ug/l #	83
10) Methyl Iodide	4.09	142	1058	0.787	ug/l #	58
11) Tert butyl alcohol	4.96	59	9792	4.928	ug/l #	81
12) 1,1-Dichloroethene	3.87	96	1360	0.435	ug/l #	77
13) Acrolein	3.73	56	3557	3.410	ug/l	92
14) Allyl chloride	4.49	41	3091	0.587	ug/l #	85
15) Acrylonitrile	5.18	53	9324	2.658	ug/l	97
16) Acetone	3.96	43	9881	3.411	ug/l	95
17) Carbon Disulfide	4.20	76	6102	0.662	ug/l	97
18) Methyl Acetate	4.50	43	4555	0.574	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	6517	0.570	ug/l #	83
20) Methylene Chloride	4.72	84	2726	0.716	ug/l #	62
21) trans-1,2-Dichloroethene	5.22	96	2516	0.715	ug/l #	62
22) Diisopropyl ether	6.11	45	3091	0.253	ug/l #	65
23) Vinyl Acetate	6.07	43	26840	4.510	ug/l	99
24) 1,1-Dichloroethane	6.02	63	3595	0.577	ug/l #	70
25) 2-Butanone	7.00	43	16311	3.044	ug/l	95
26) 2,2-Dichloropropane	6.99	77	3452	0.614	ug/l	92
27) cis-1,2-Dichloroethene	7.00	96	2624	0.633	ug/l	98
28) Bromochloromethane	7.34	49	1454	0.710	ug/l #	96
29) Tetrahydrofuran	7.36	42	9655	2.551	ug/l	90
30) Chloroform	7.52	83	4142	0.641	ug/l	88
31) Cyclohexane	7.80	56	8629	1.372	ug/l #	27
32) 1,1,1-Trichloroethane	7.72	97	3437	0.626	ug/l #	50
36) 1,1-Dichloropropene	7.93	75	2885	0.591	ug/l	96
37) Ethyl Acetate	7.10	43	5366	0.608	ug/l #	88
38) Carbon Tetrachloride	7.91	117	2585	0.543	ug/l #	71

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	3106	0.507	ug/l	88
40) Benzene	8.17	78	8302	0.560	ug/l	96
41) Methacrylonitrile	7.36	41	7943	1.143	ug/l #	3
42) 1,2-Dichloroethane	8.25	62	3340	0.694	ug/l	92
43) Isopropyl Acetate	8.28	43	6049	0.532	ug/l #	89
44) Trichloroethene	8.94	130	2512	0.625	ug/l	79
45) 1,2-Dichloropropane	9.22	63	2167	0.584	ug/l #	80
46) Dibromomethane	9.31	93	1565	0.602	ug/l	92
47) Bromodichloromethane	9.50	83	2789	0.548	ug/l #	85
48) Methyl methacrylate	9.30	41	2871	0.560	ug/l	93
49) 1,4-Dioxane	9.32	88	1696	12.883	ug/l #	85
51) 4-Methyl-2-Pentanone	10.08	43	21852	2.559	ug/l	98
52) Toluene	10.25	92	4810	0.506	ug/l	87
53) t-1,3-Dichloropropene	10.47	75	3188	0.552	ug/l #	84
54) cis-1,3-Dichloropropene	9.94	75	3331	0.533	ug/l #	85
55) 1,1,2-Trichloroethane	10.65	97	1961	0.523	ug/l #	52
56) Ethyl methacrylate	10.52	69	2878	0.436	ug/l #	70
57) 1,3-Dichloropropane	10.80	76	3497	0.547	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.78	63	8725	2.968	ug/l	94
59) 2-Hexanone	10.84	43	18827	Below Cal		94
60) Dibromochloromethane	10.99	129	2300	0.581	ug/l	97
61) 1,2-Dibromoethane	11.10	107	2086	0.524	ug/l #	80
64) Tetrachloroethene	10.72	164	2392	0.627	ug/l	86
65) Chlorobenzene	11.52	112	5372	0.555	ug/l #	78
66) 1,1,1,2-Tetrachloroethane	11.60	131	1990	0.575	ug/l #	58
67) Ethyl Benzene	11.60	91	9625	0.557	ug/l	91
68) m/p-Xylenes	11.70	106	6884	1.043	ug/l	94
69) o-Xylene	12.03	106	3521	0.554	ug/l	97
70) Styrene	12.05	104	5461	0.499	ug/l	92
71) Bromoform	12.20	173	1307	0.458	ug/l #	96
73) Isopropylbenzene	12.33	105	8591	0.537	ug/l	93
74) N-amyl acetate	12.14	43	2947	0.474	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.58	83	2905	0.532	ug/l	95
76) 1,2,3-Trichloropropane	12.64	75	4711	0.944	ug/l #	100
77) Bromobenzene	12.61	156	2203	0.587	ug/l	90
78) n-propylbenzene	12.67	91	10139	0.542	ug/l	98
79) 2-Chlorotoluene	12.76	91	6471	0.601	ug/l	91
80) 1,3,5-Trimethylbenzene	12.81	105	7634	0.571	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.48	75	103283	40.350	ug/l #	13
82) 4-Chlorotoluene	12.86	91	6635	0.608	ug/l	93
83) tert-Butylbenzene	13.08	119	6453	0.556	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	6846	0.513	ug/l	94
85) sec-Butylbenzene	13.25	105	8270	0.517	ug/l	99
86) p-Isopropyltoluene	13.37	119	7358	0.523	ug/l	98
87) 1,3-Dichlorobenzene	13.37	146	4278	0.629	ug/l	86
88) 1,4-Dichlorobenzene	13.37	146	4278	0.604	ug/l	85
89) n-Butylbenzene	13.70	91	6845	0.516	ug/l	98
90) Hexachloroethane	13.96	117	1430	0.537	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	3655	0.531	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.36	75	928	0.420	ug/l	98

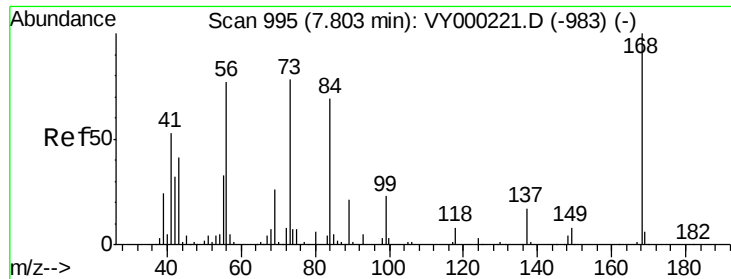
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	3351	0.717	ug/l	92
94) Hexachlorobutadiene	15.11	225	1249	0.559	ug/l	82
95) Naphthalene	15.23	128	11161	0.635	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.42	180	3197	0.711	ug/l	83

(#) = 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: VY000256.D

Acq: 10 Oct 2019 16:23

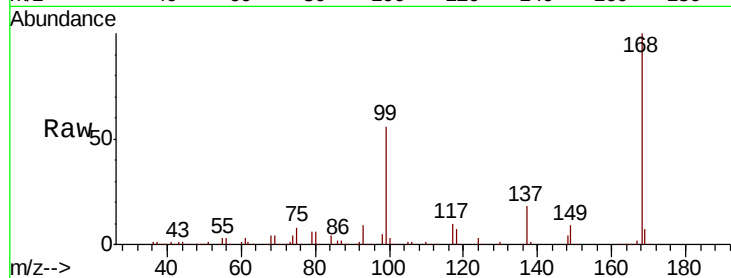
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 284385

Ion Ratio Lower Upper

168 100

99 55.8 45.0 67.6



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

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

7.80

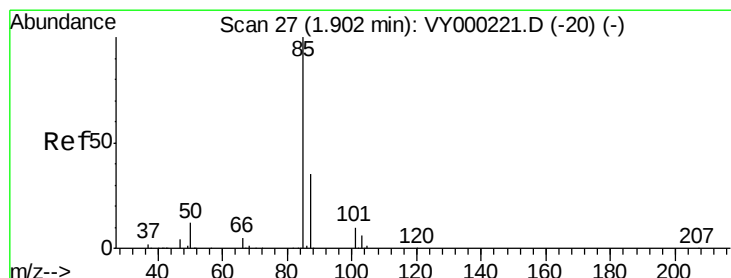
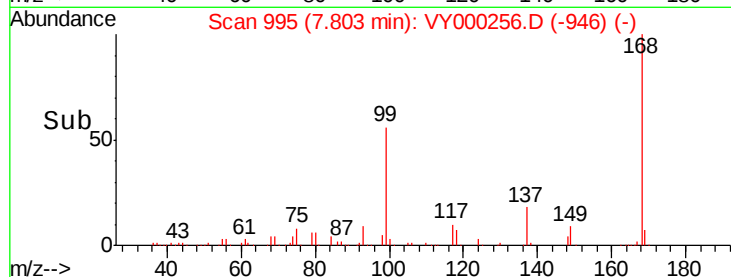
100000

50000

0

Time-->

7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 0.503 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000256.D

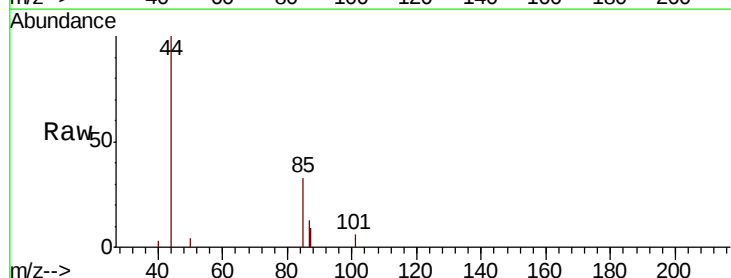
Acq: 10 Oct 2019 16:23

Tgt Ion: 85 Resp: 1427

Ion Ratio Lower Upper

85 100

87 65.2 17.4 52.2#



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

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

1.90

1000

800

600

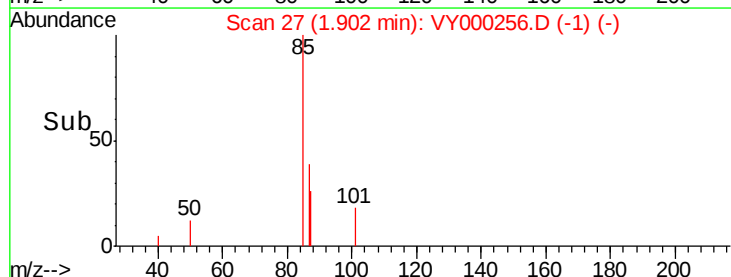
400

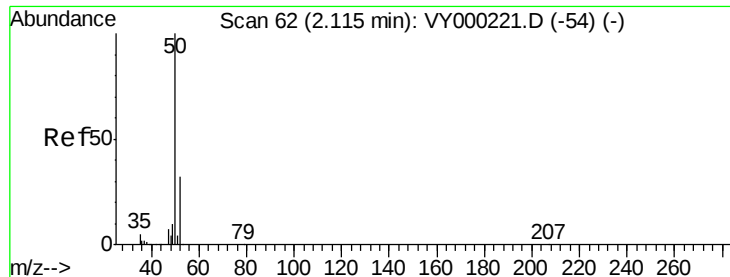
200

0

Time-->

1.85 1.90 1.95





#3

Chloromethane

Concen: 0.687 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

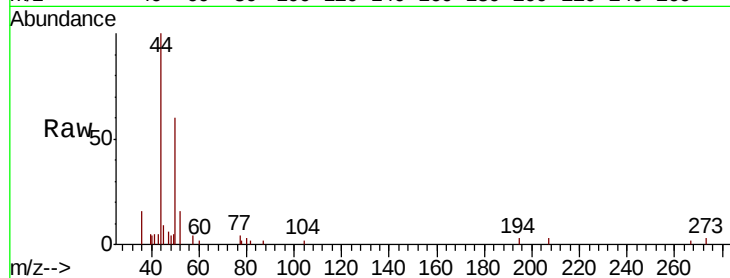
ClientSampleId :

Tot Ion: 50 Resp: 2657

Ion Ratio Lower Upper

50 100

52 26.3 25.4 38.0



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2000

1500

1000

500

0

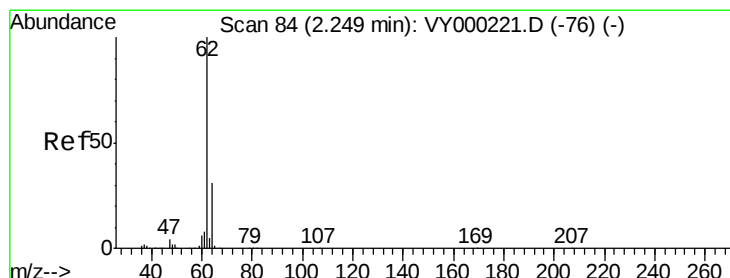
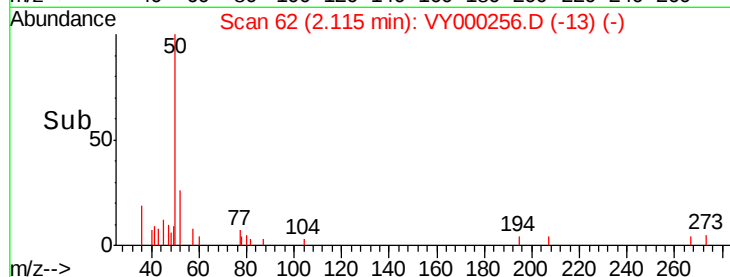
Time-->

2.05

2.10

2.12

2.15



#4

Vinyl Chloride

Concen: 0.584 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000256.D

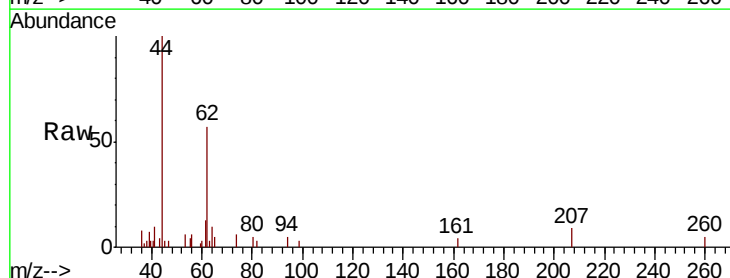
Acq: 10 Oct 2019 16:23

Tgt Ion: 62 Resp: 2331

Ion Ratio Lower Upper

62 100

64 17.2 25.0 37.6#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

1500

1000

500

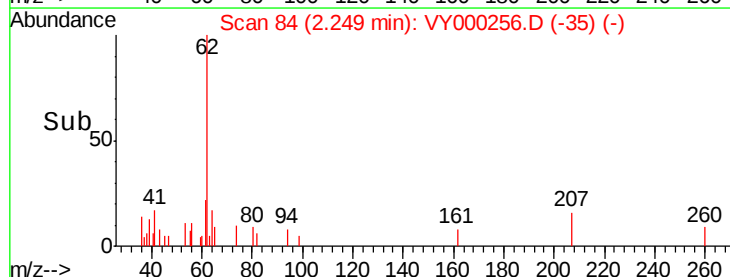
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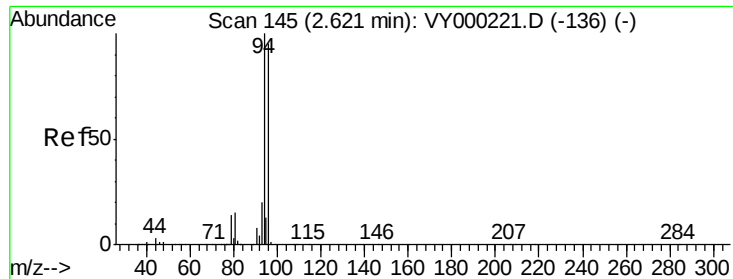
Time-->

2.20

2.25

2.30





#5

Bromomethane

Concen: 0.733 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.03 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

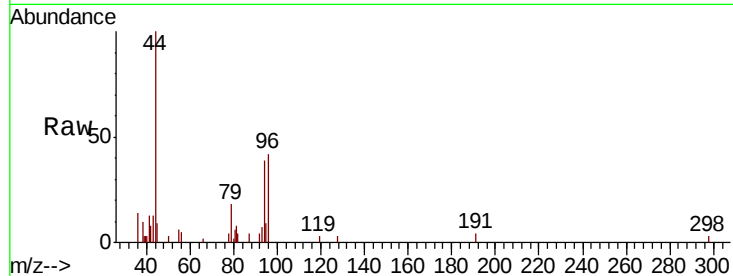
ClientSampleId :

Tot Ion: 94 Resp: 1845

Ion Ratio Lower Upper

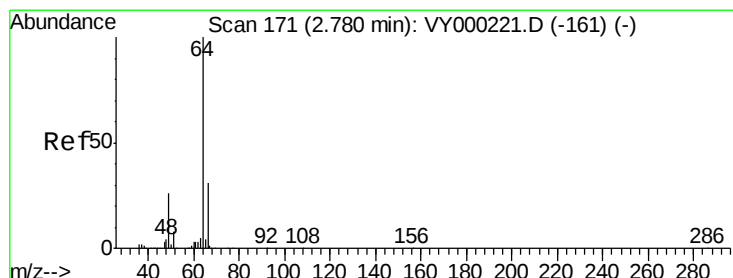
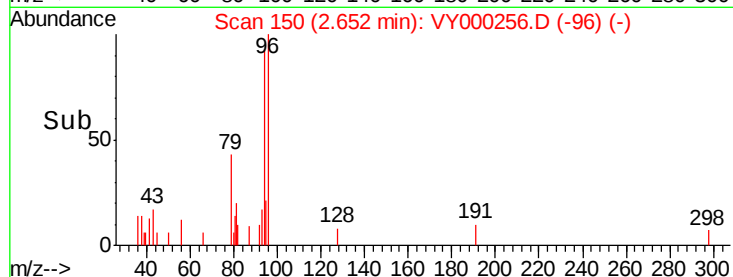
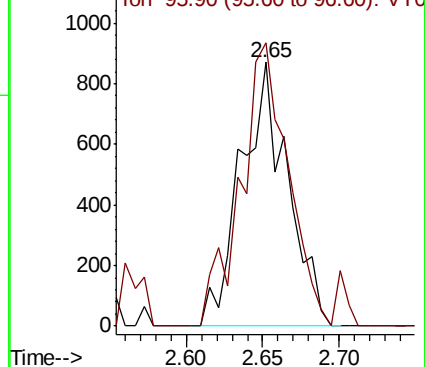
94 100

96 107.2 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 0.618 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.02 min

Lab File: VY000256.D

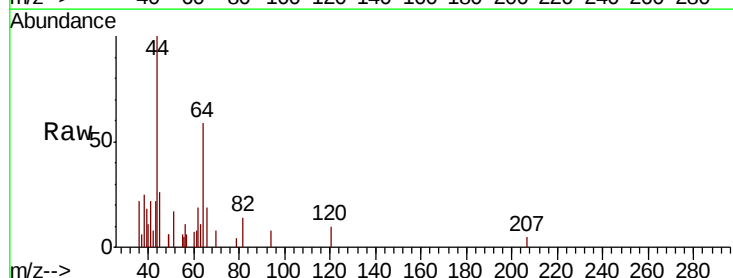
Acq: 10 Oct 2019 16:23

Tgt Ion: 64 Resp: 1557

Ion Ratio Lower Upper

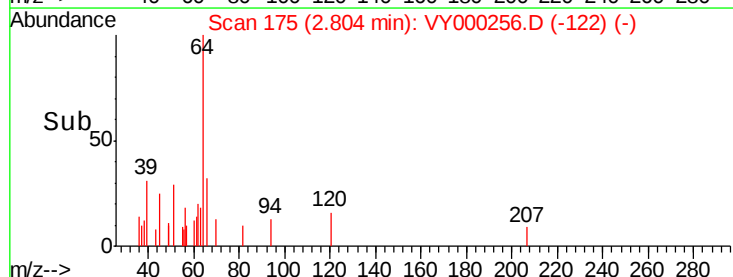
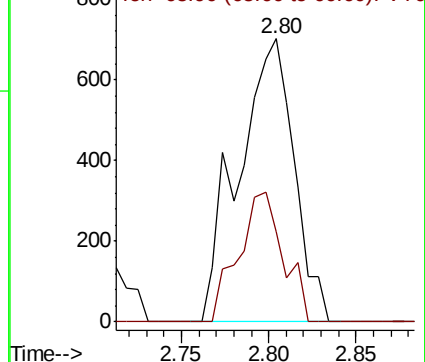
64 100

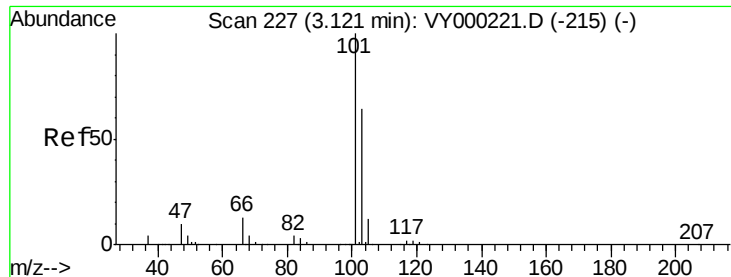
66 31.9 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



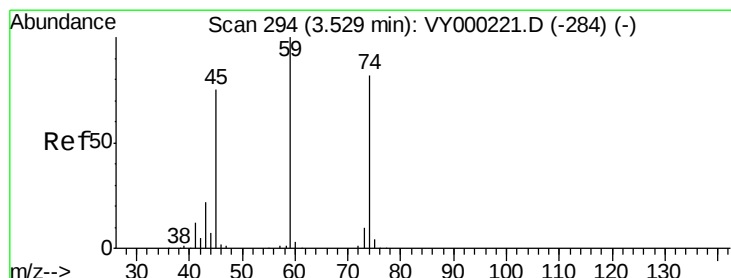
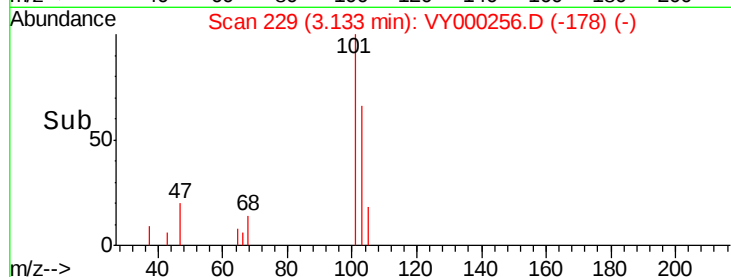
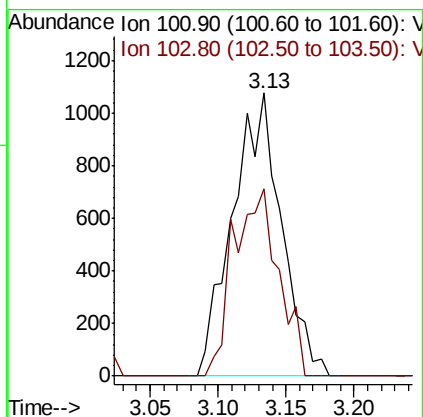
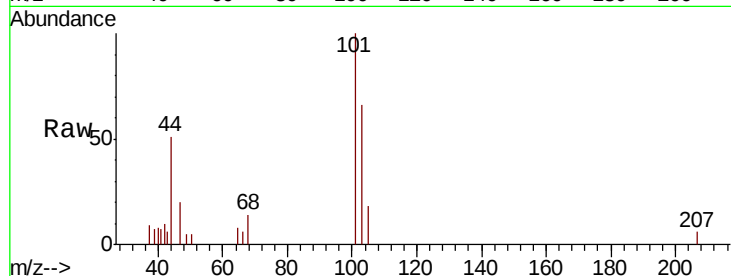


#7

Trichlorofluoromethane
Concen: 0.524 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampled :

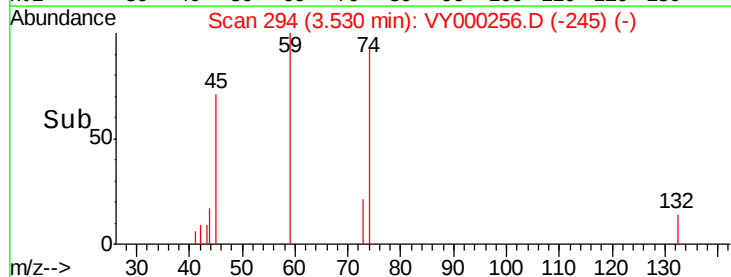
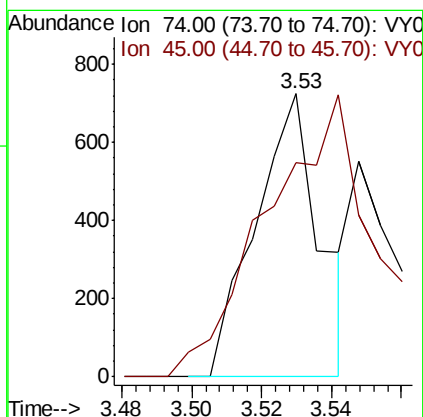
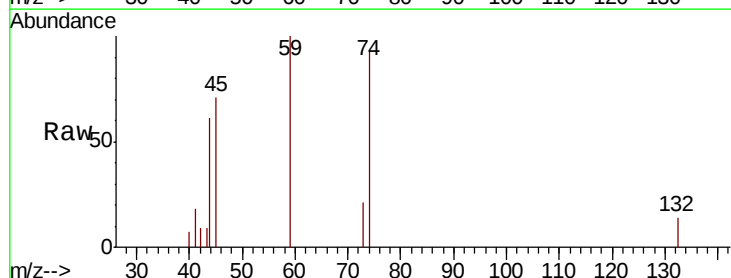
Tot Ion:101 Resp: 2702
Ion Ratio Lower Upper
101 100
103 66.3 51.0 76.6

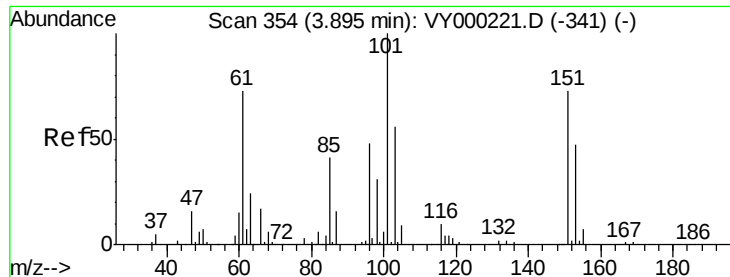


#8

Diethyl Ether
Concen: 0.392 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion: 74 Resp: 925
Ion Ratio Lower Upper
74 100
45 0.0 45.8 137.4#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.525 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

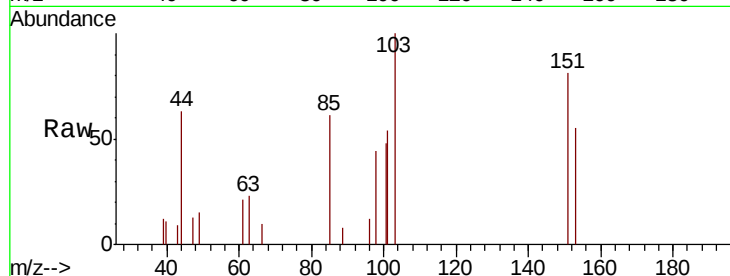
Tot Ion:101 Resp: 1580

Ion Ratio Lower Upper

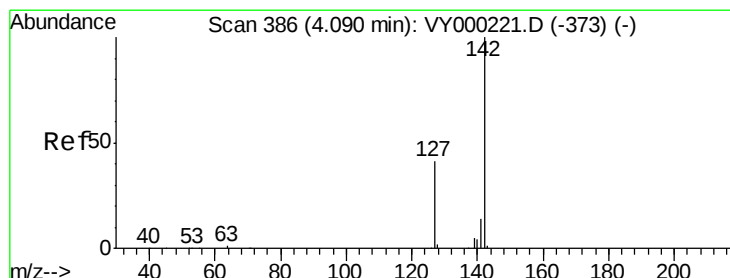
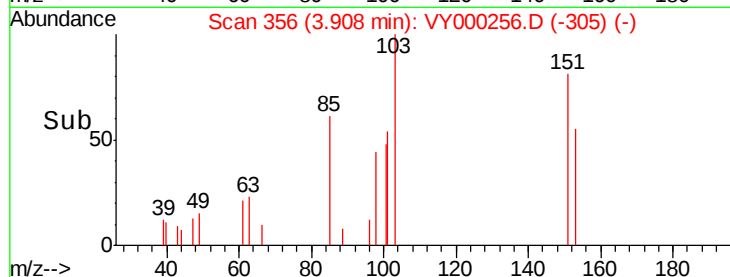
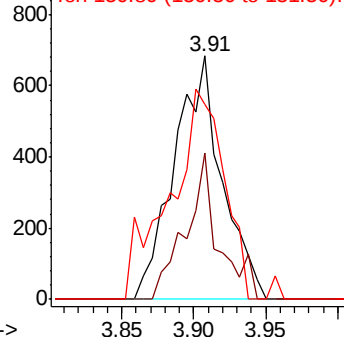
101 100

85 40.8 37.0 55.6

151 97.8 63.0 94.4#



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.787 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

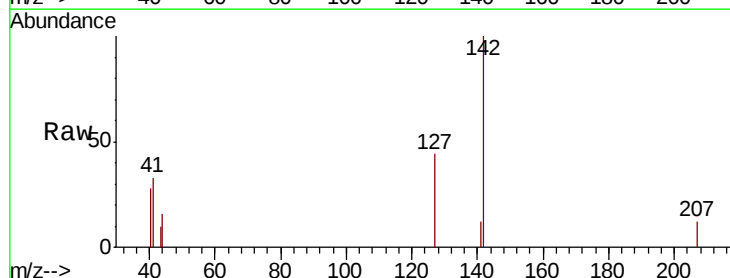
Tgt Ion:142 Resp: 1058

Ion Ratio Lower Upper

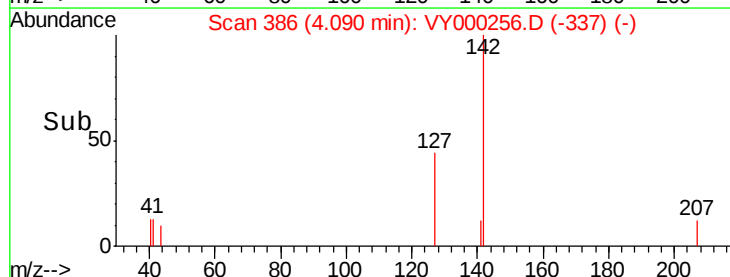
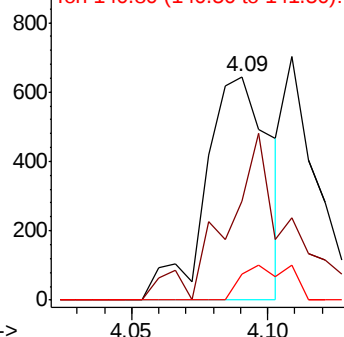
142 100

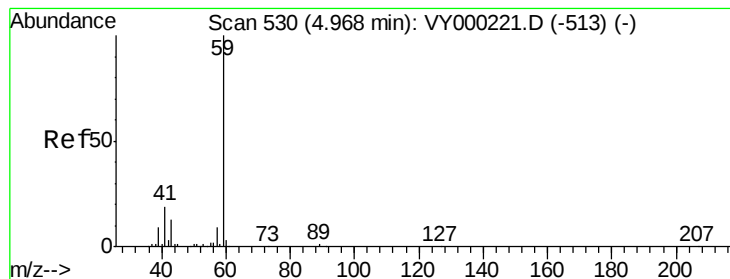
127 75.1 33.0 49.6#

141 11.9 11.0 16.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



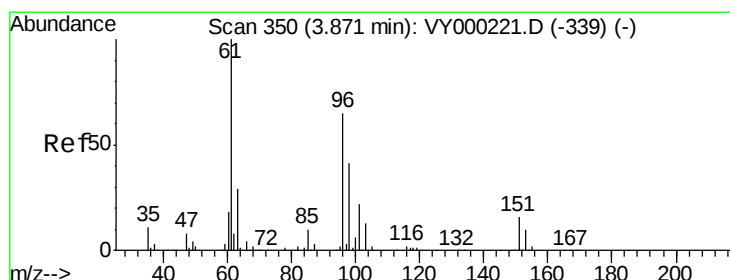
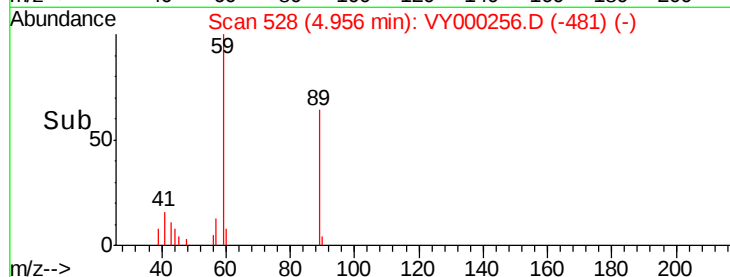
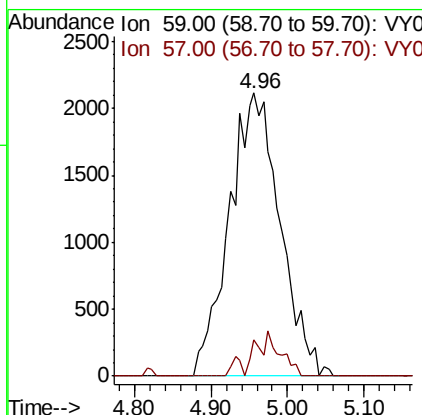
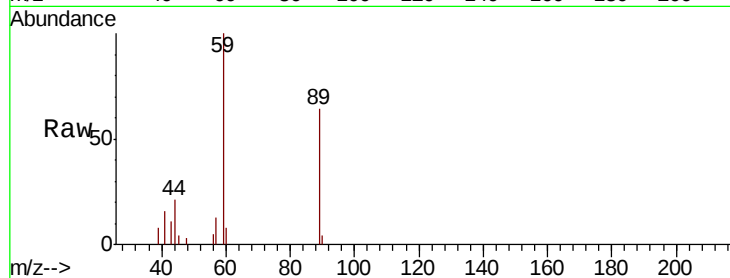


#11

Tert butyl alcohol
 Concen: 4.928 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Instrument :
 MSVOA_Y
 ClientSampled :

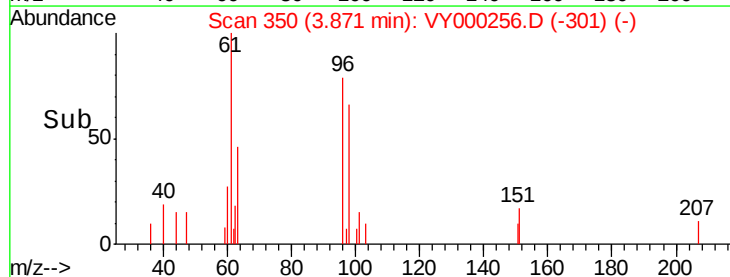
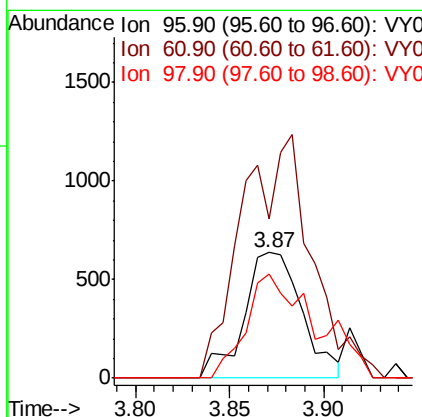
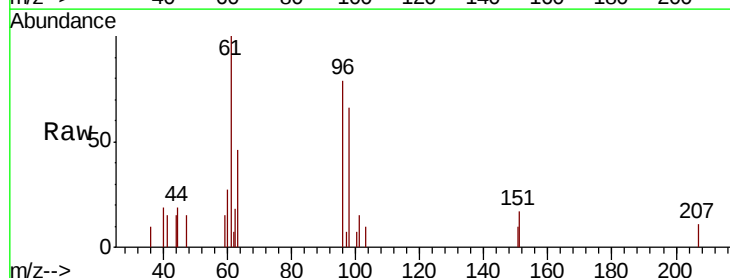
Tot Ion: 59 Resp: 9792
 Ion Ratio Lower Upper
 59 100
 57 2.9 8.0 12.0#

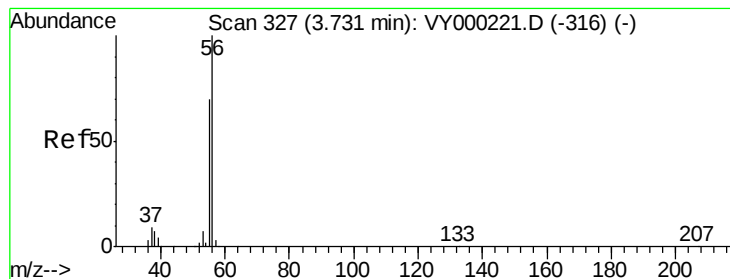


#12

1,1-Dichloroethene
 Concen: 0.435 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Tgt Ion: 96 Resp: 1360
 Ion Ratio Lower Upper
 96 100
 61 126.5 123.8 185.8
 98 83.0 50.9 76.3#





#13

Acrolein

Concen: 3.410 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

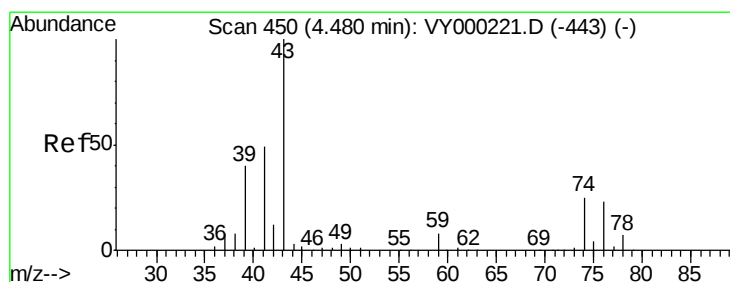
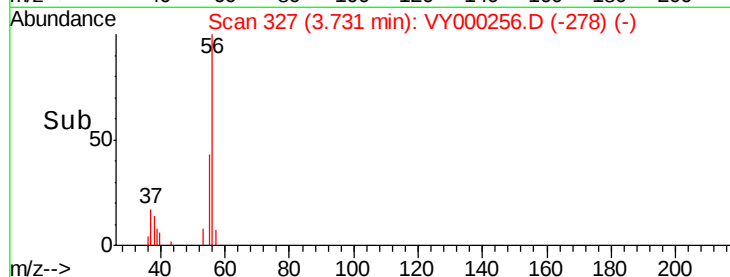
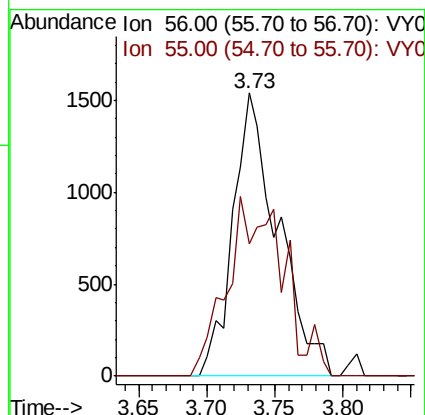
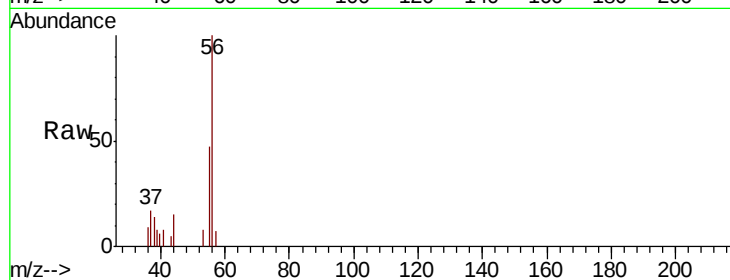
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 3557

Ion Ratio Lower Upper

56 100

55 75.3 55.2 82.8



#14

Allyl chloride

Concen: 0.587 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

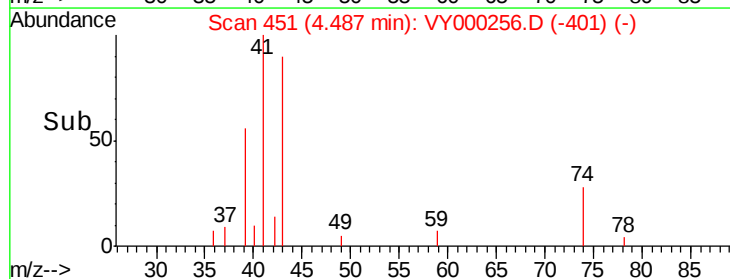
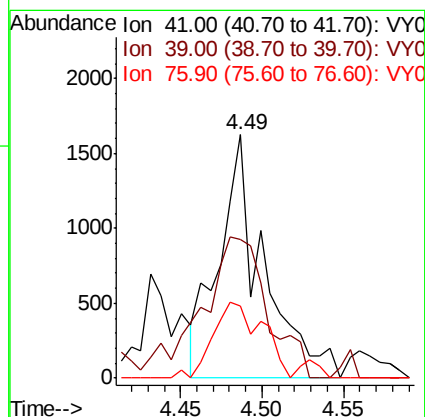
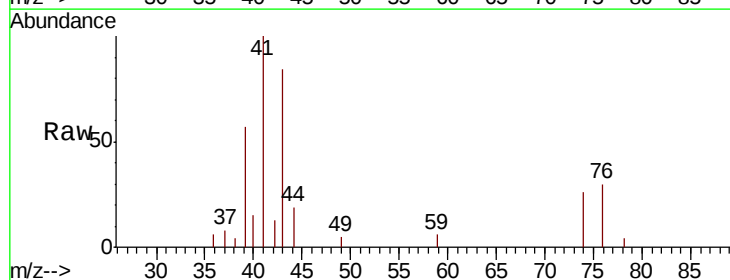
Tgt Ion: 41 Resp: 3091

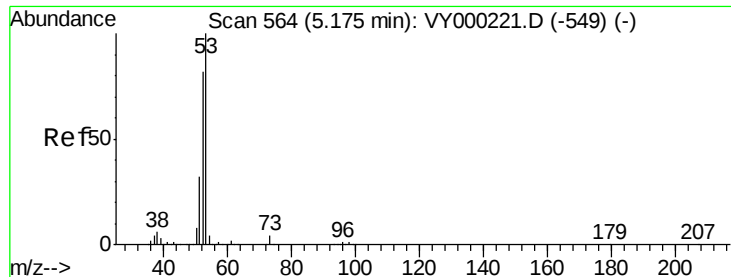
Ion Ratio Lower Upper

41 100

39 86.2 56.4 84.6#

76 34.7 30.8 46.2





#15

Acrylonitrile

Concen: 2.658 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

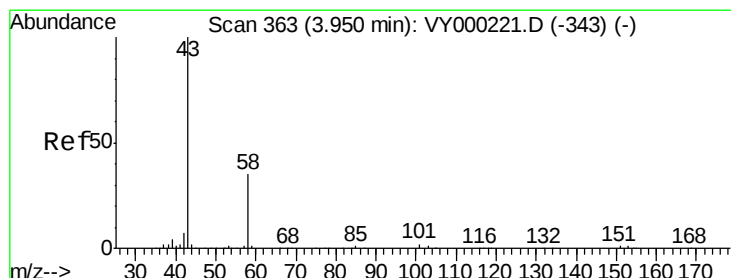
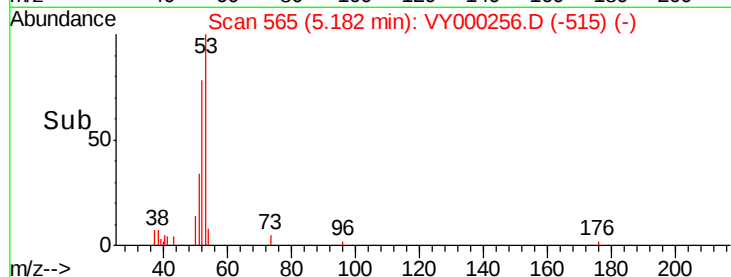
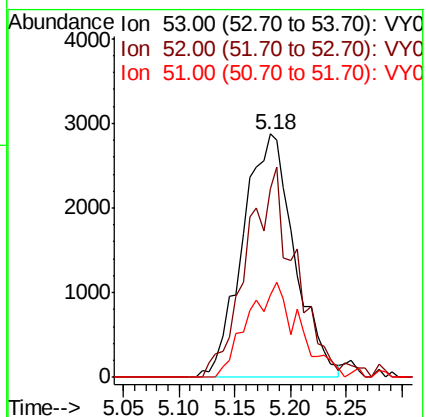
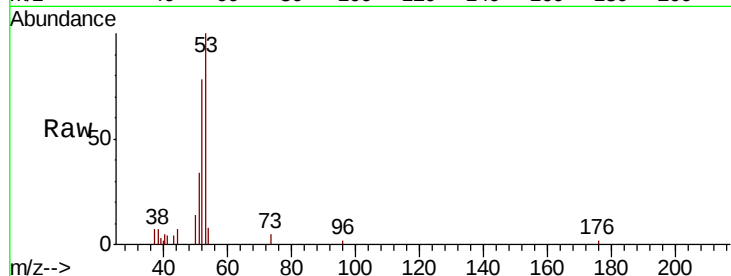
Tot Ion: 53 Resp: 9324

Ion Ratio Lower Upper

53 100

52 80.8 65.4 98.2

51 38.3 27.2 40.8



#16

Acetone

Concen: 3.411 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000256.D

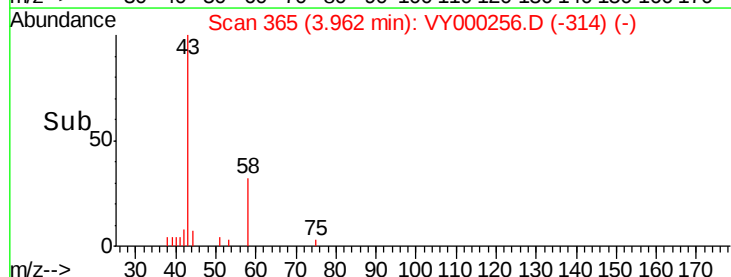
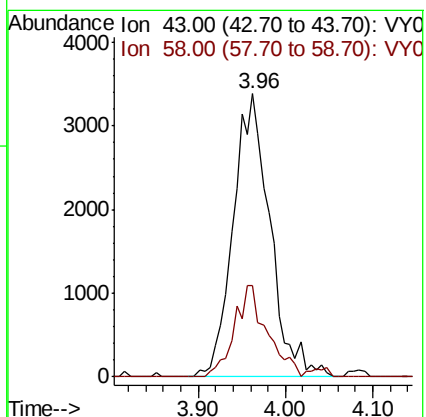
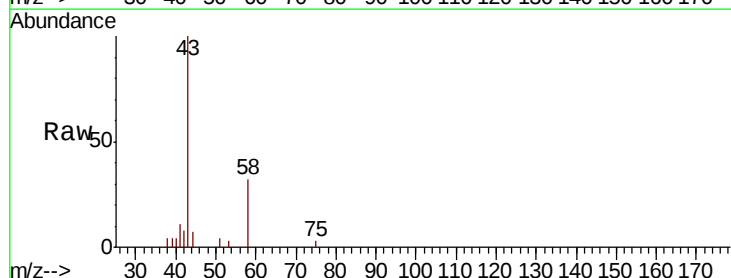
Acq: 10 Oct 2019 16:23

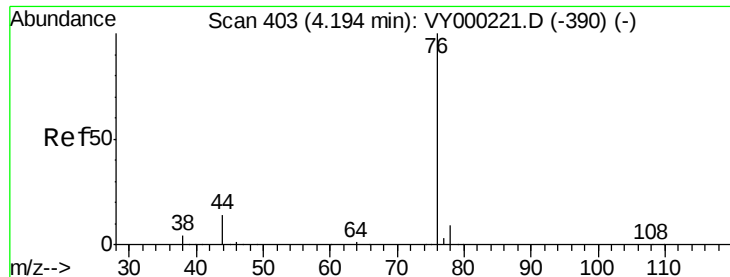
Tgt Ion: 43 Resp: 9881

Ion Ratio Lower Upper

43 100

58 32.1 28.2 42.4

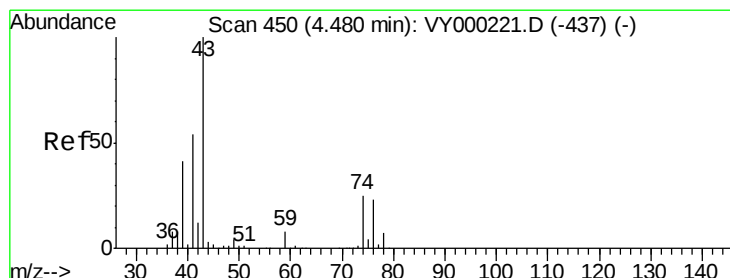
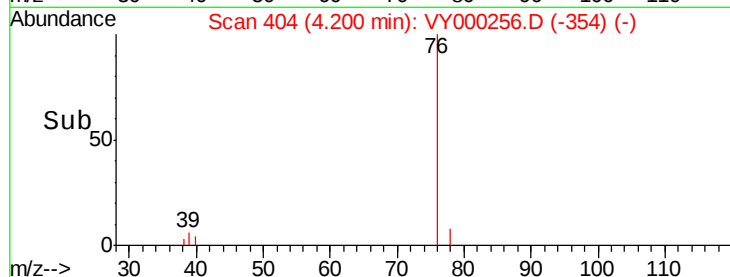
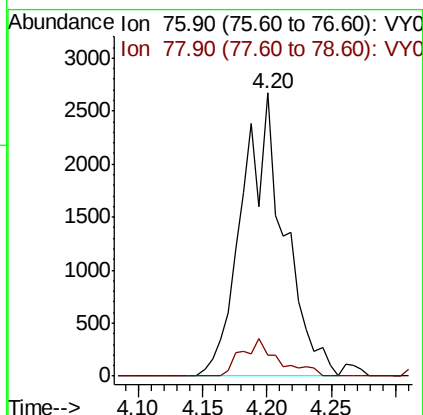
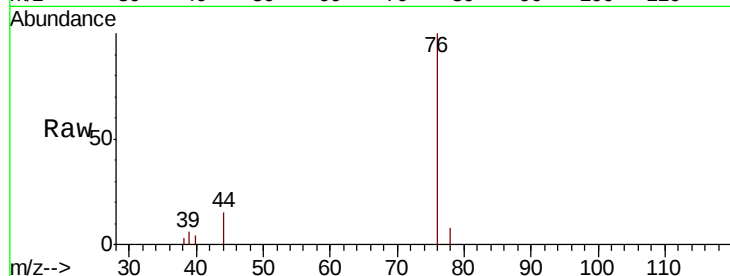




#17
Carbon Disulfide
Concen: 0.662 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

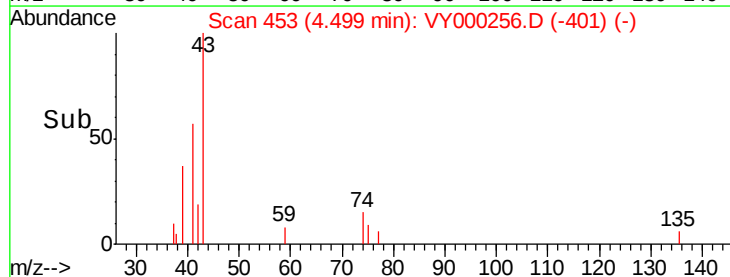
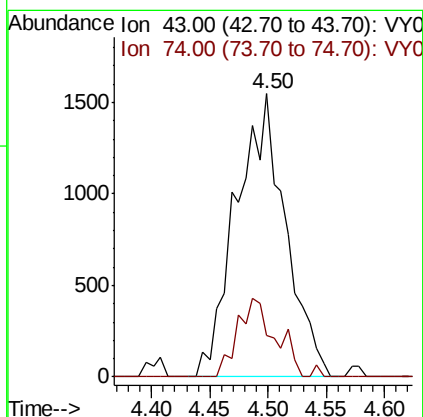
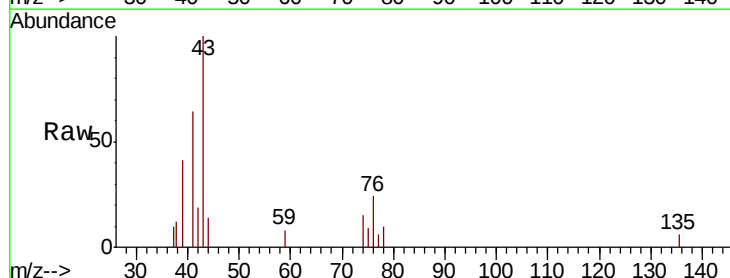
Instrument :
MSVOA_Y
ClientSampleId :

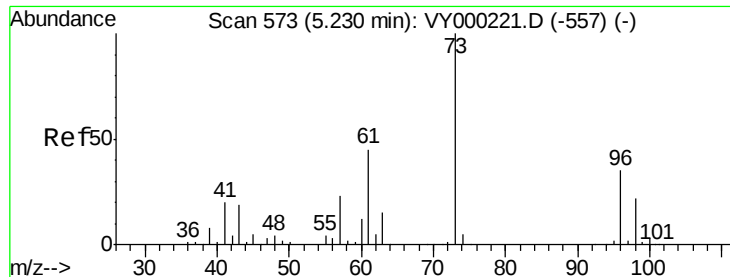
Tot Ion: 76 Resp: 6102
Ion Ratio Lower Upper
76 100
78 7.6 7.0 10.6



#18
Methyl Acetate
Concen: 0.574 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.02 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion: 43 Resp: 4555
Ion Ratio Lower Upper
43 100
74 21.1 19.1 28.7



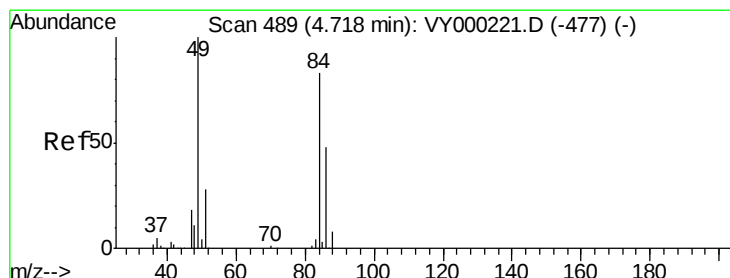
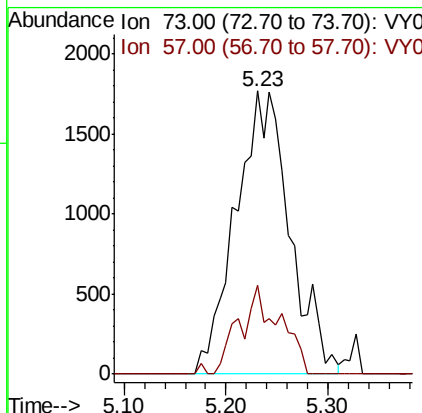
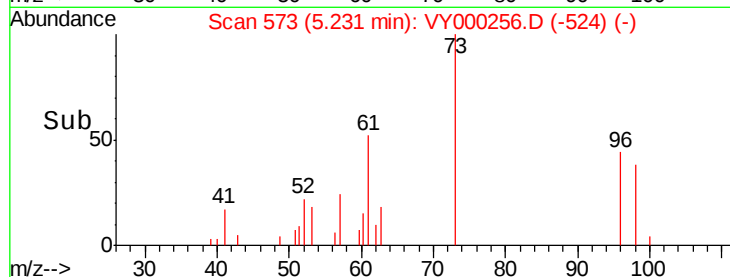
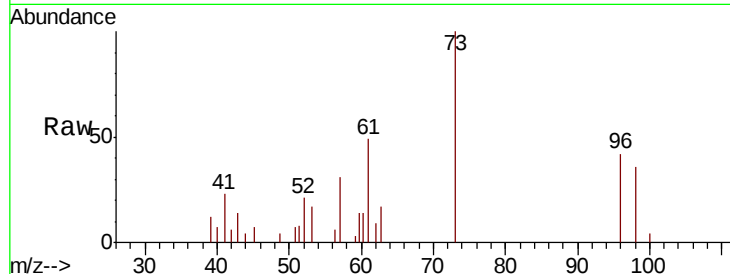


#19

Methyl tert-butyl Ether
 Concen: 0.570 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Instrument :
 MSVOA_Y
 ClientSampled :

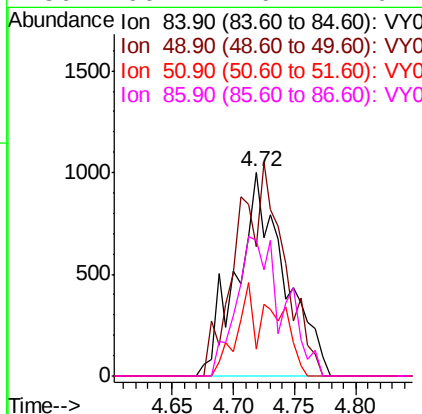
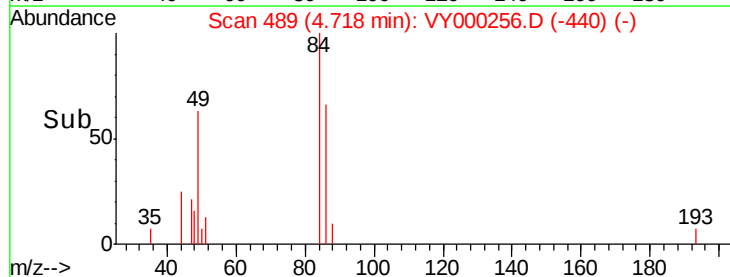
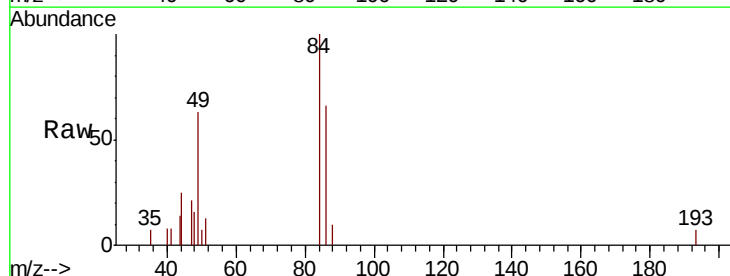
Tot Ion: 73 Resp: 6517
 Ion Ratio Lower Upper
 73 100
 57 31.2 18.4 27.6#

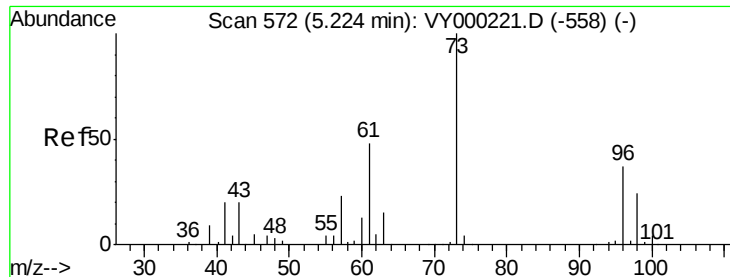


#20

Methylene Chloride
 Concen: 0.716 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Tgt Ion: 84 Resp: 2726
 Ion Ratio Lower Upper
 84 100
 49 63.2 96.2 144.2#
 51 13.1 26.6 39.8#
 86 66.2 46.7 70.1#





#21

trans-1,2-Dichloroethene

Concen: 0.715 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampled :

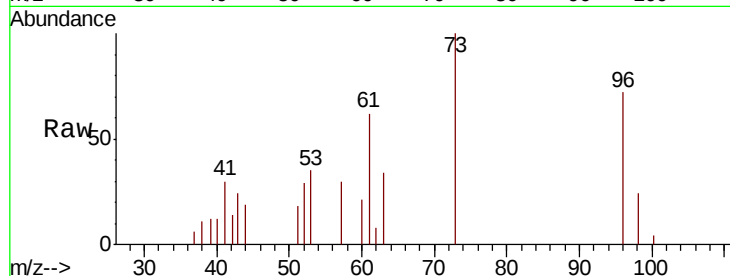
Tot Ion: 96 Resp: 2516

Ion Ratio Lower Upper

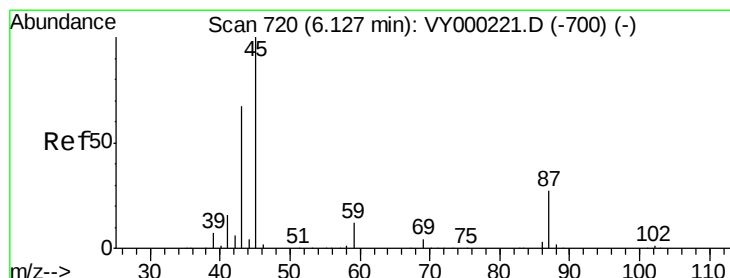
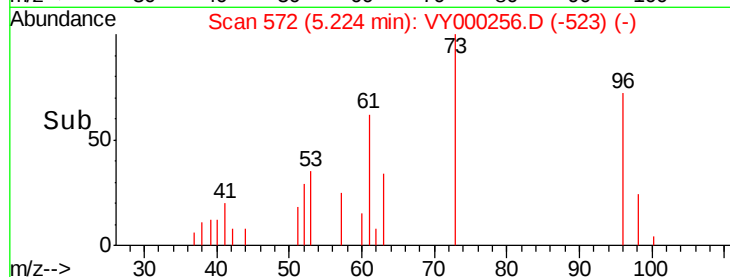
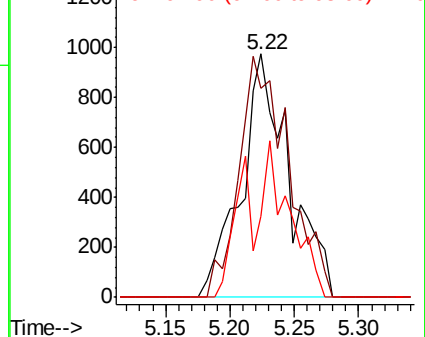
96 100

61 86.1 104.2 156.2#

98 33.3 51.0 76.6#



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 0.253 ug/l

RT: 6.11 min Scan# 718

Delta R.T. -0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Tgt Ion: 45 Resp: 3091

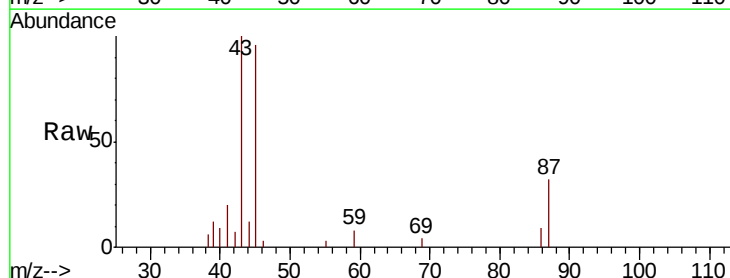
Ion Ratio Lower Upper

45 100

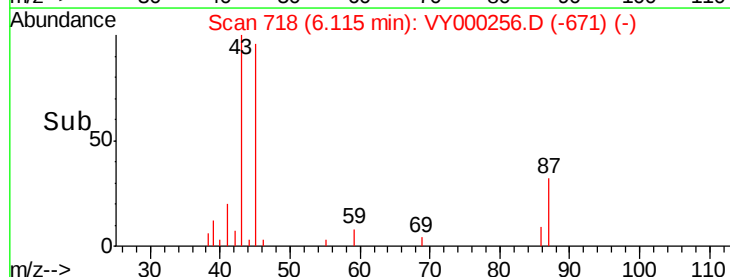
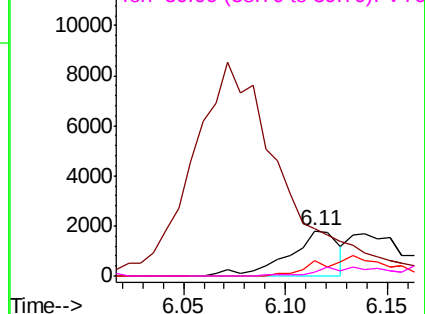
43 27.4 53.4 80.2#

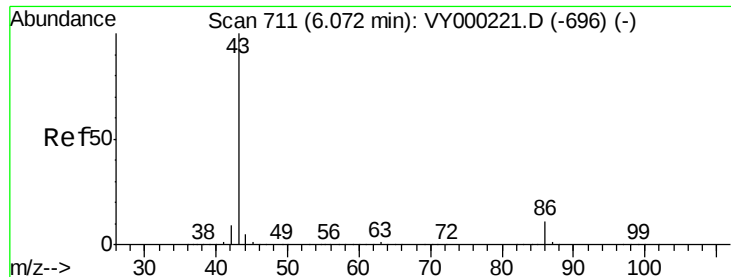
87 33.2 21.7 32.5#

59 8.0 9.6 14.4#



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 4.510 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

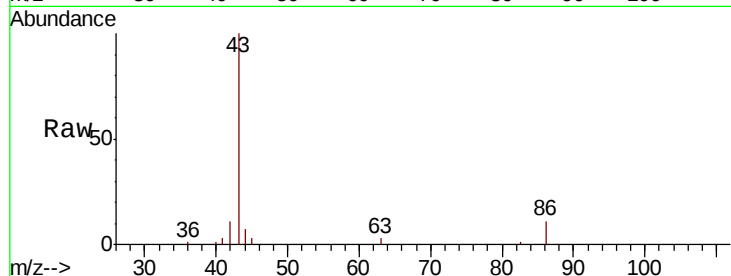
ClientSampleId :

Tot Ion: 43 Resp: 26840

Ion Ratio Lower Upper

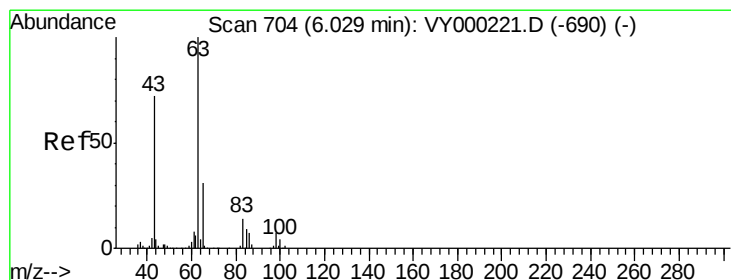
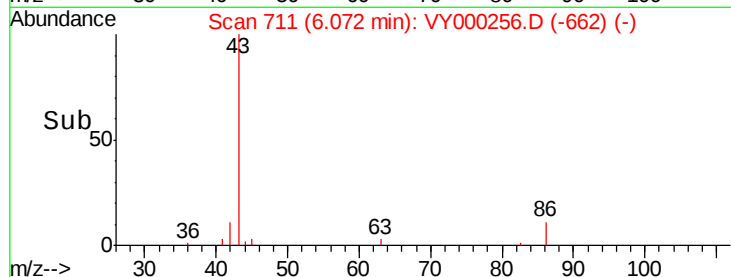
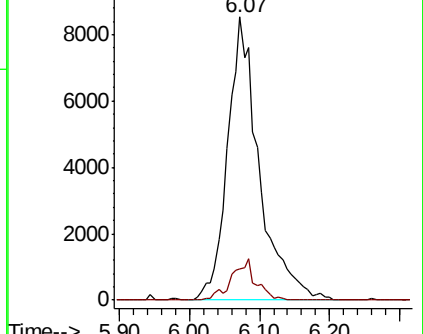
43 100

86 11.2 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 0.577 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

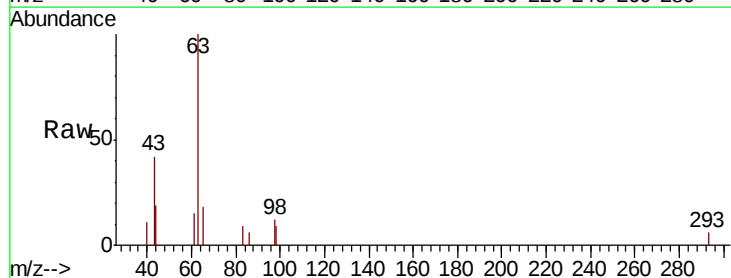
Tgt Ion: 63 Resp: 3595

Ion Ratio Lower Upper

63 100

98 20.9 3.5 10.6#

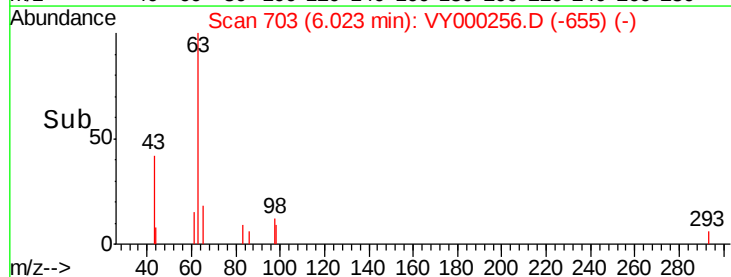
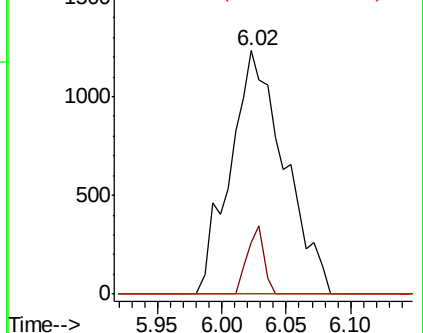
100 0.0 2.1 6.5#

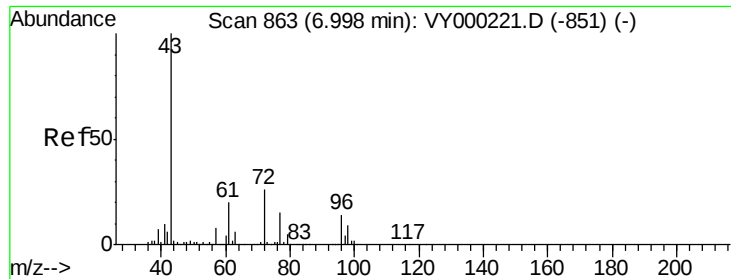


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 3.044 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

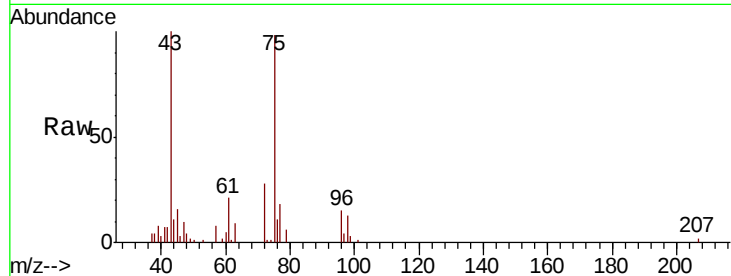
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 16311

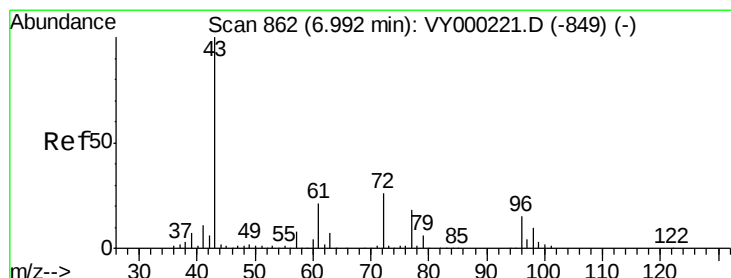
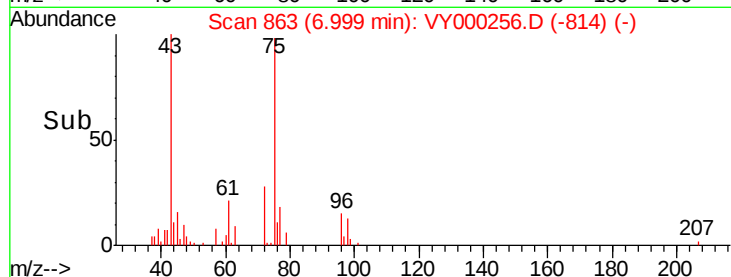
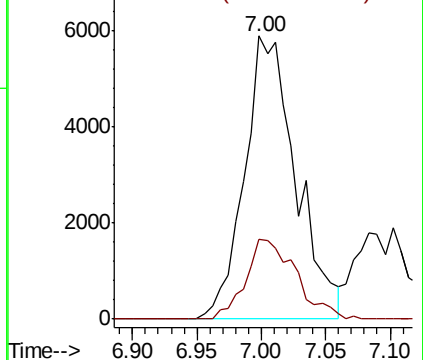
Ion Ratio Lower Upper

43 100

72 28.2 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 0.614 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000256.D

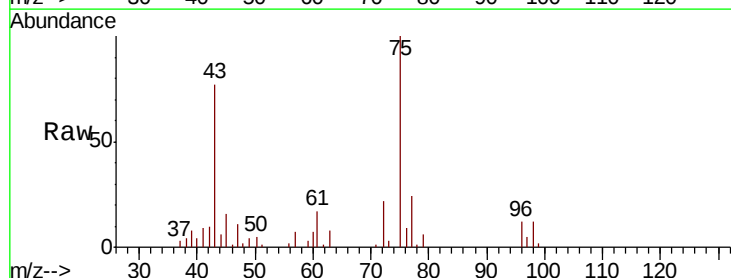
Acq: 10 Oct 2019 16:23

Tgt Ion: 77 Resp: 3452

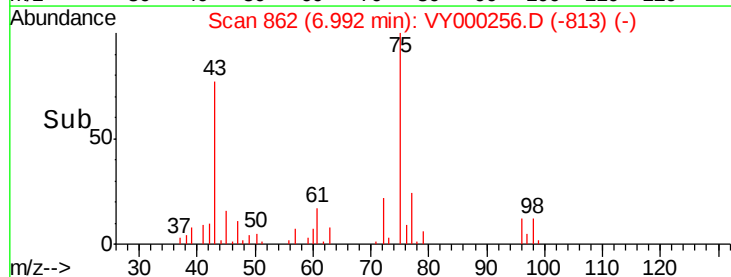
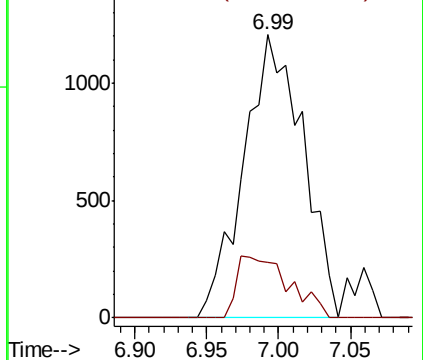
Ion Ratio Lower Upper

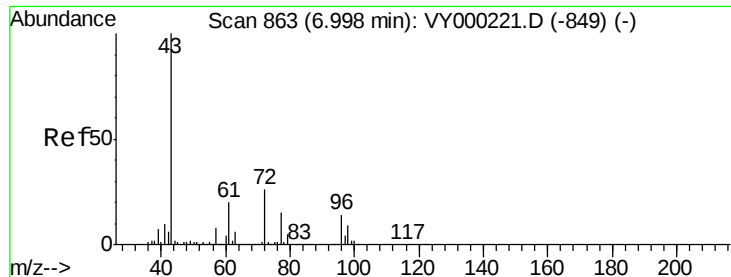
77 100

97 19.4 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



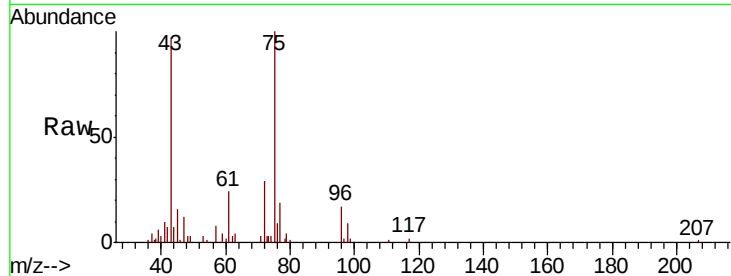


#27

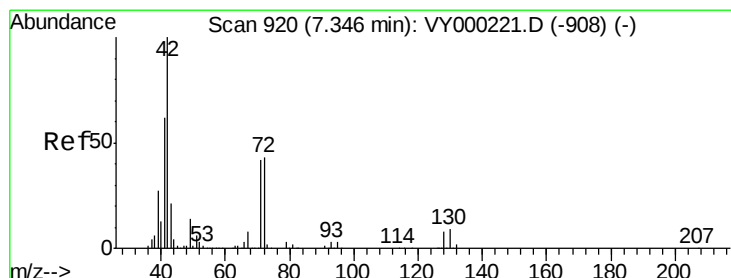
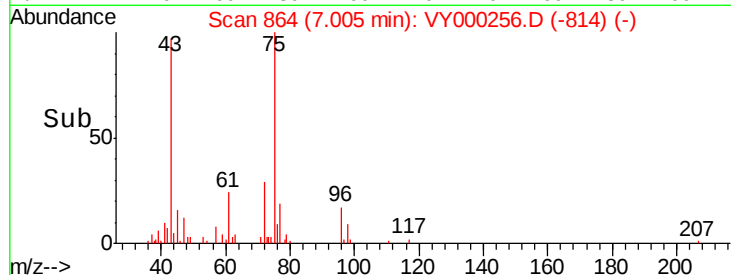
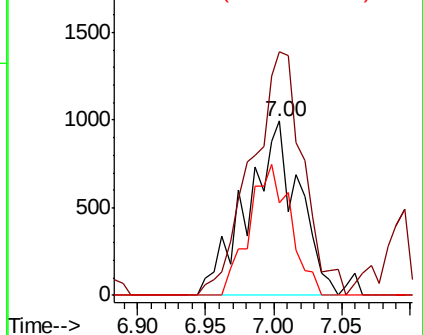
cis-1,2-Dichloroethene
Concen: 0.633 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 2624
Ion Ratio Lower Upper
96 100
61 140.5 0.0 282.6
98 60.3 0.0 129.8



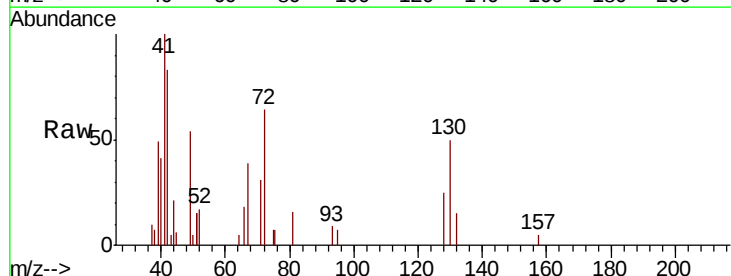
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



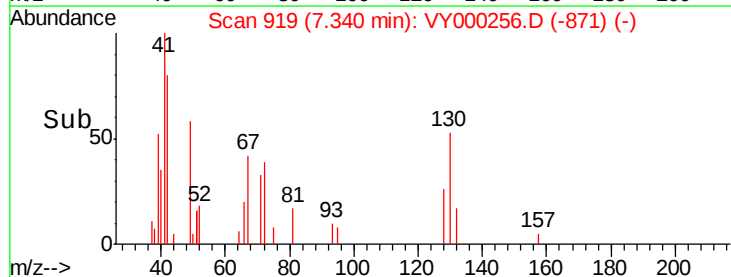
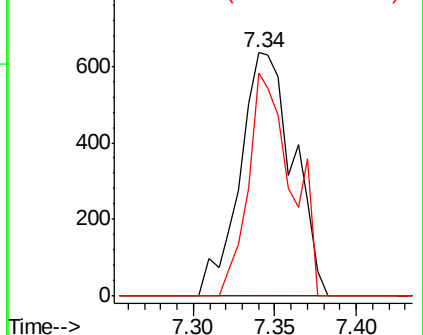
#28

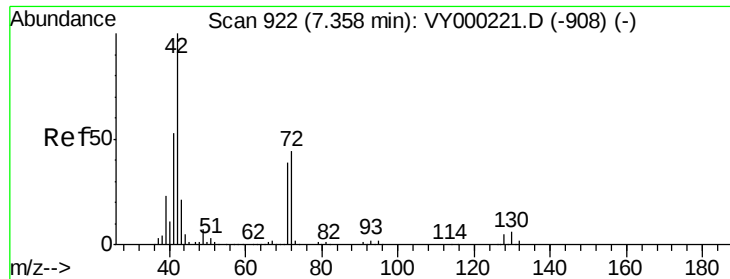
Bromochloromethane
Concen: 0.710 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion: 49 Resp: 1454
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.2
130 74.3 56.5 84.7



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

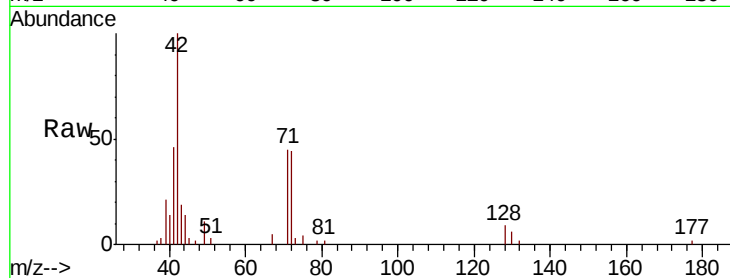




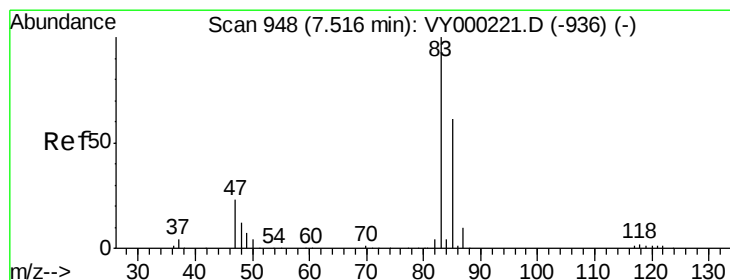
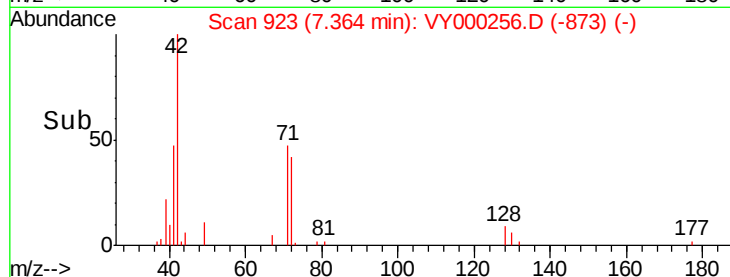
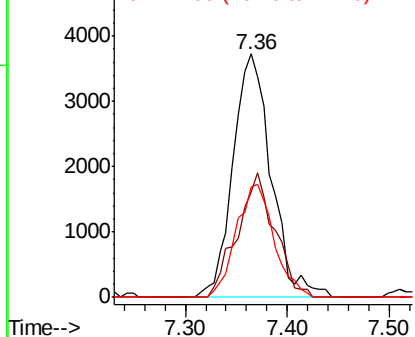
#29
Tetrahydrofuran
Concen: 2.551 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 9655
Ion Ratio Lower Upper
42 100
72 50.3 34.6 51.8
71 45.9 31.9 47.9

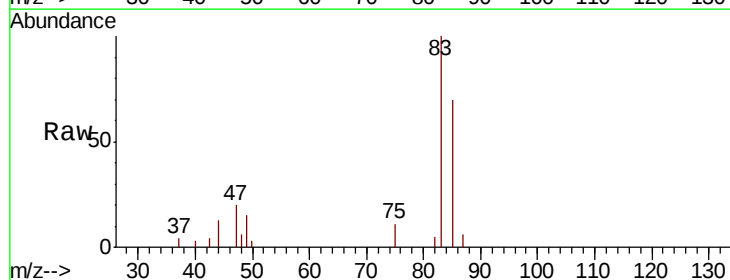


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

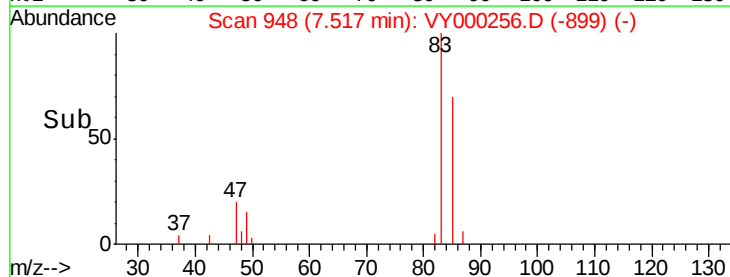
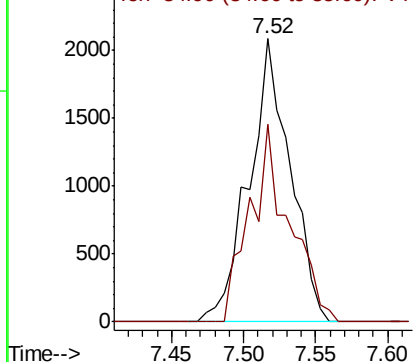


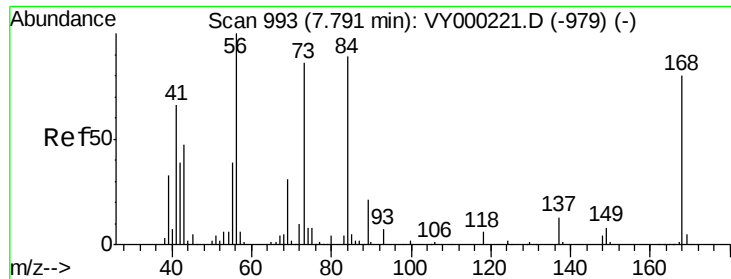
#30
Chloroform
Concen: 0.641 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion: 83 Resp: 4142
Ion Ratio Lower Upper
83 100
85 69.9 48.9 73.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0

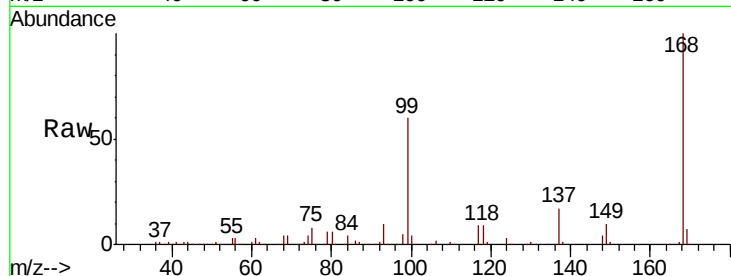




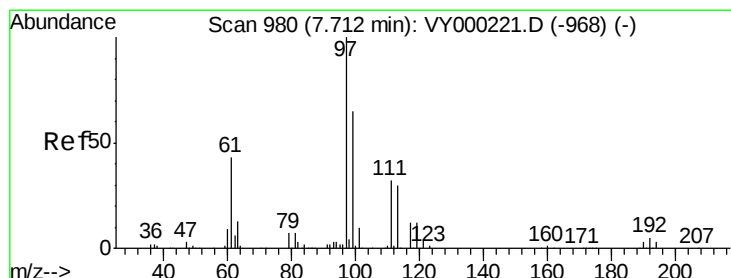
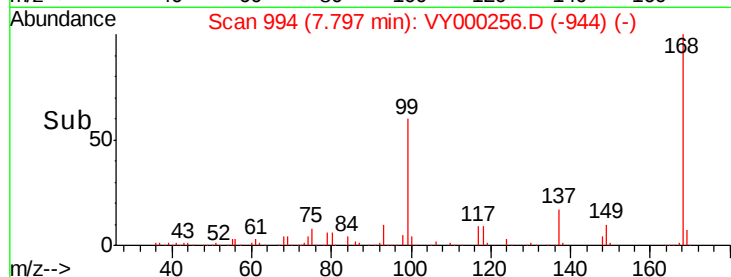
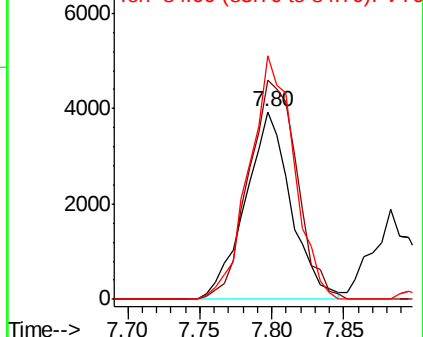
#31
Cyclohexane
Concen: 1.372 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 8629
Ion Ratio Lower Upper
56 100
69 116.8 24.7 37.1#
84 129.8 71.3 106.9#

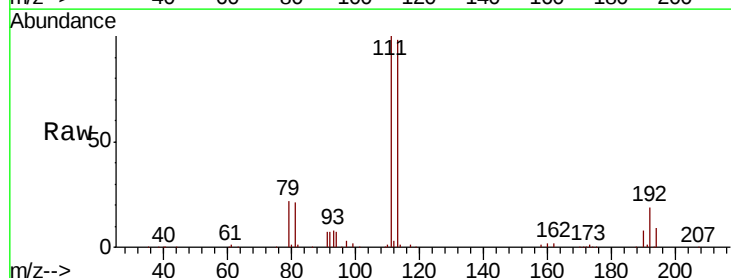


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

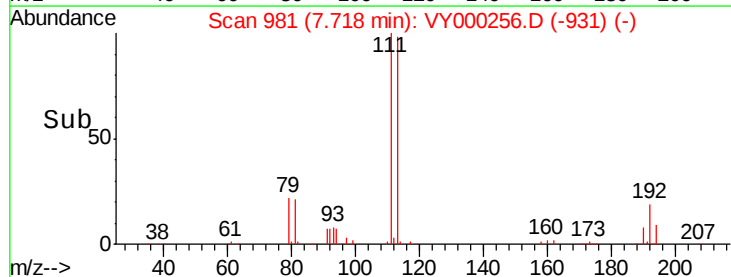
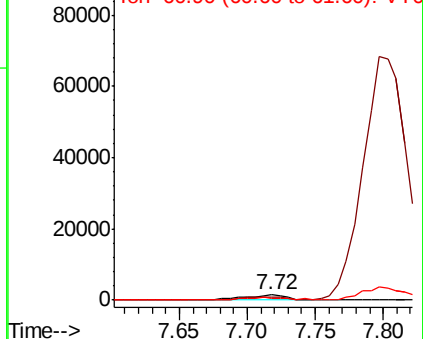


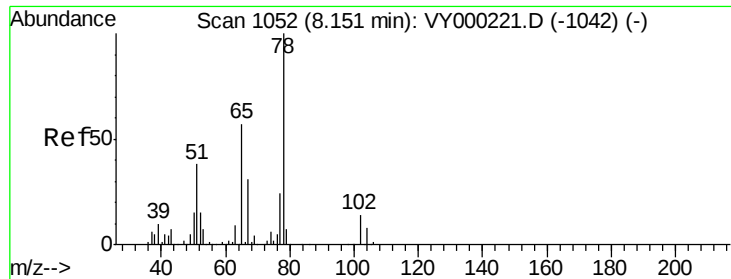
#32
1,1,1-Trichloroethane
Concen: 0.626 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion: 97 Resp: 3437
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.2#
61 44.8 34.2 51.4



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 51.765 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

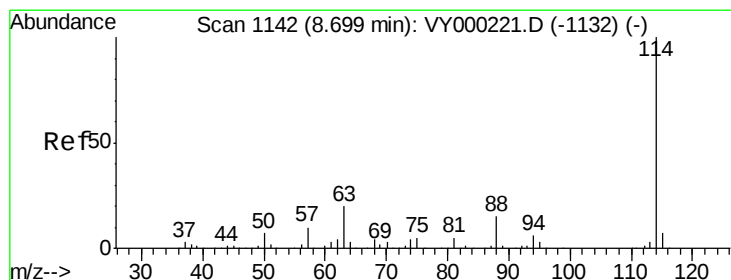
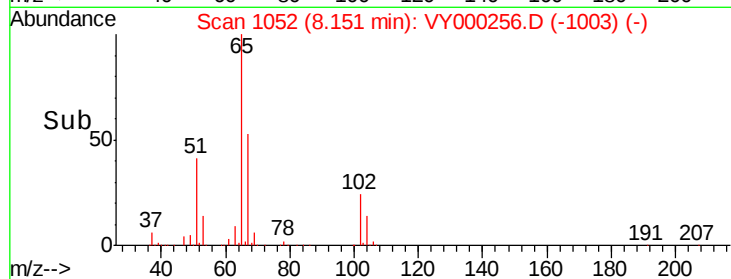
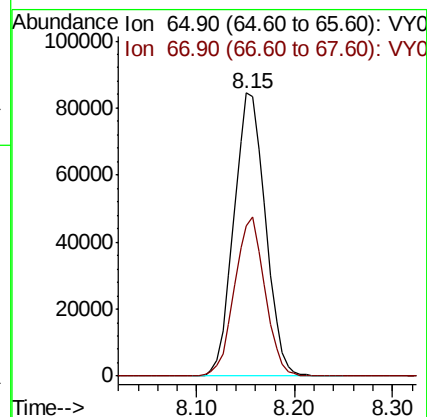
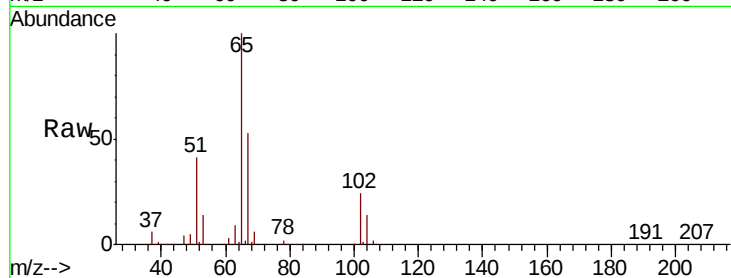
ClientSampleId :

Tot Ion: 65 Resp: 189339

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

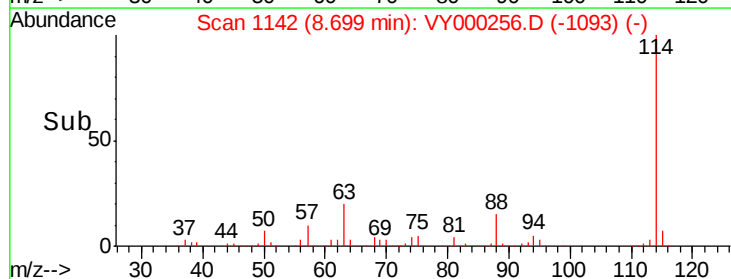
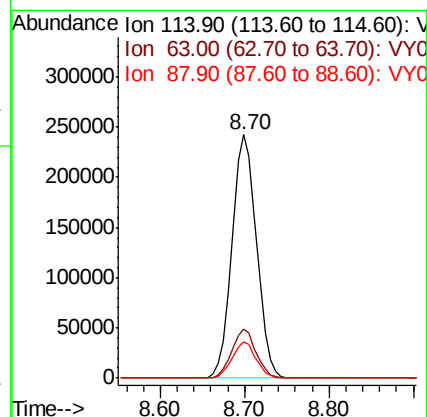
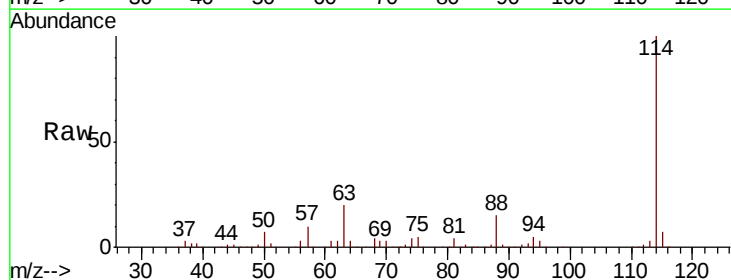
Tgt Ion: 114 Resp: 479896

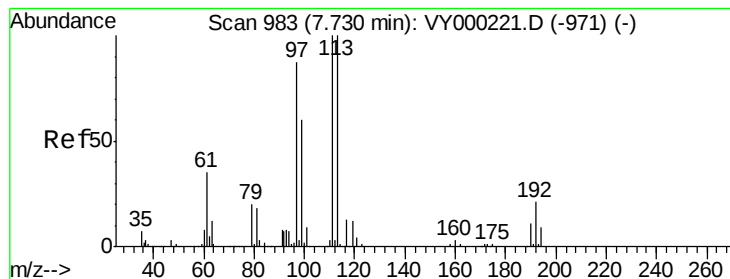
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.003 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

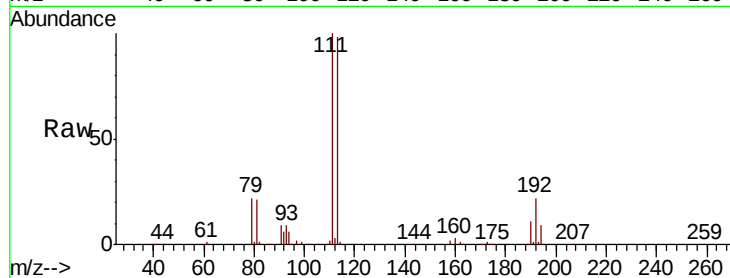
Tot Ion:113 Resp: 152506

Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

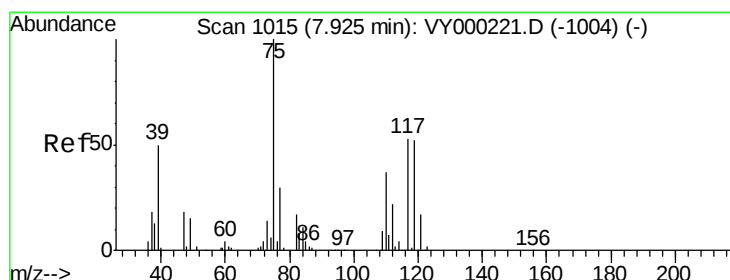
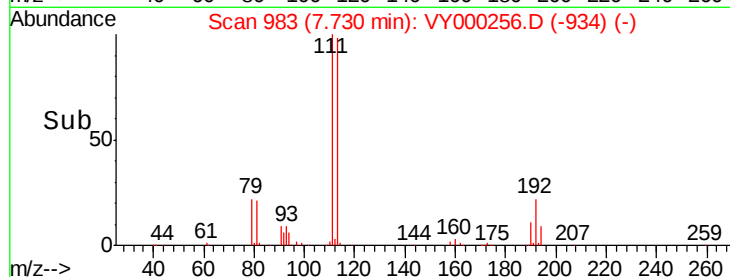
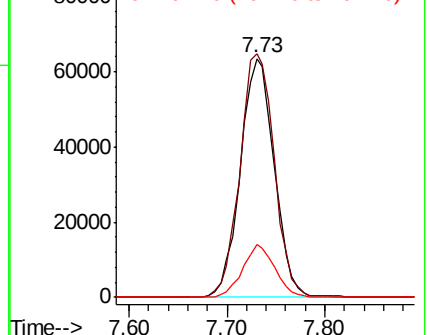
192 20.9 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 0.591 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

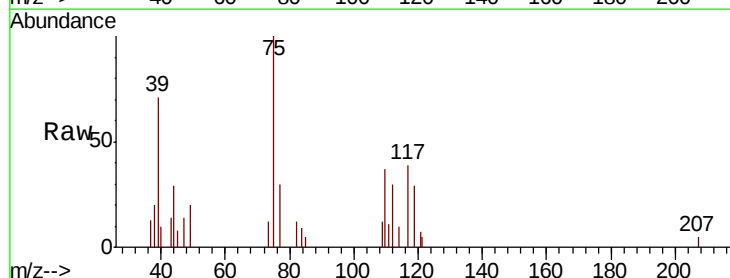
Tgt Ion: 75 Resp: 2885

Ion Ratio Lower Upper

75 100

110 39.5 18.4 55.2

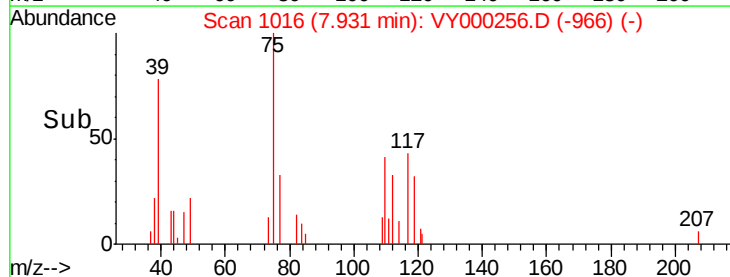
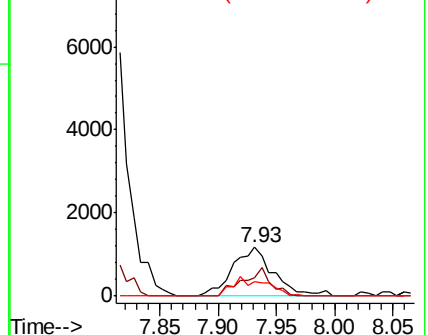
77 32.2 24.7 37.1

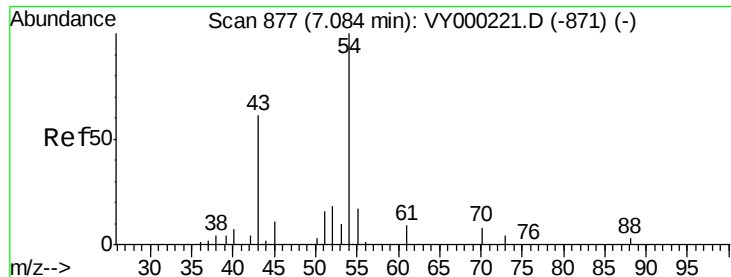


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

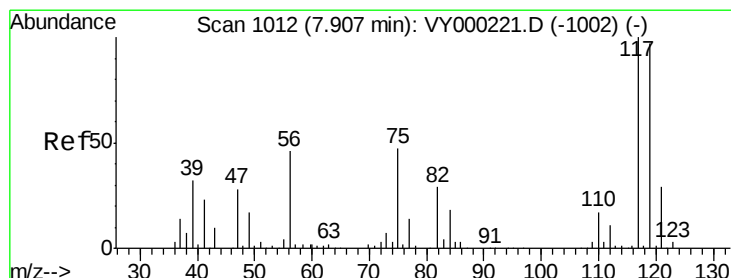
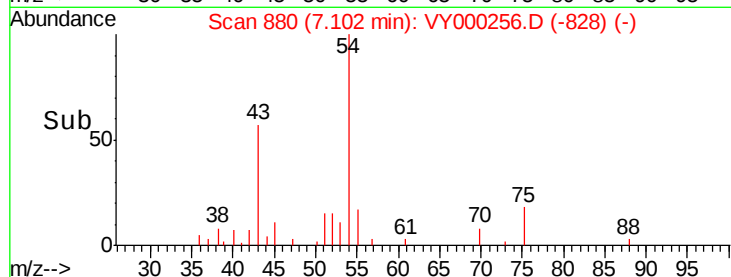
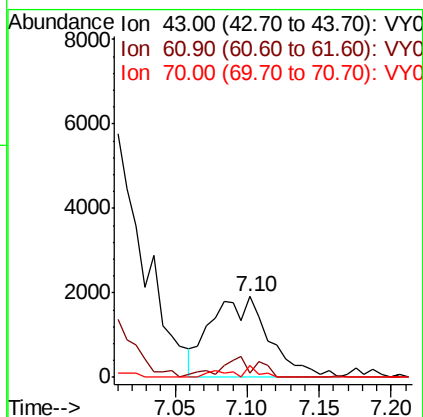
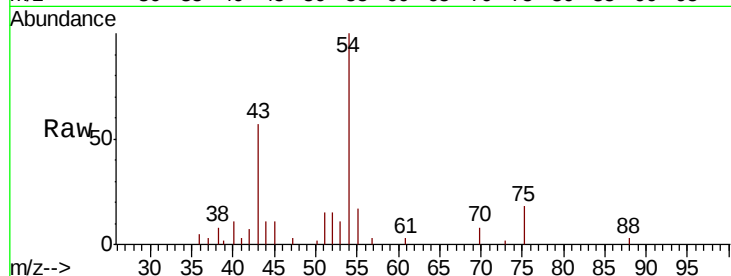




#37
Ethyl Acetate
Concen: 0.608 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.02 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

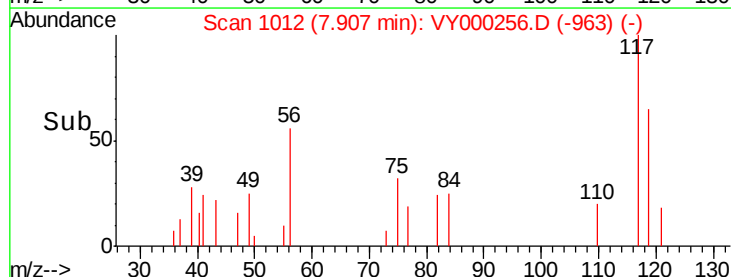
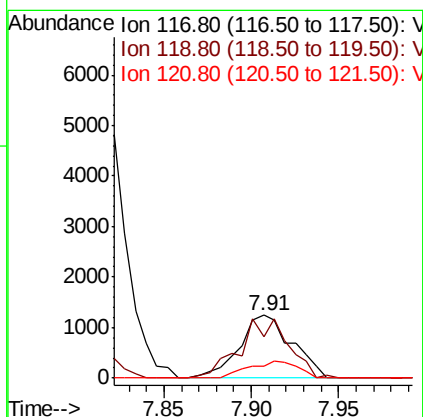
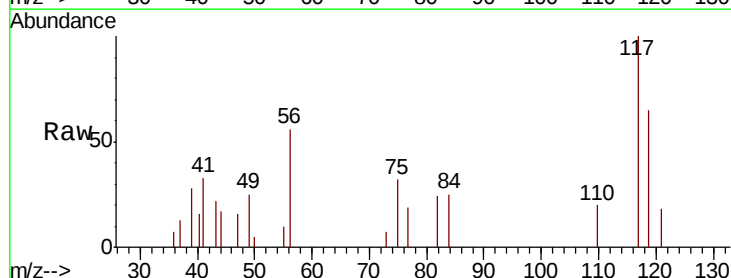
Instrument :
MSVOA_Y
ClientSampled :

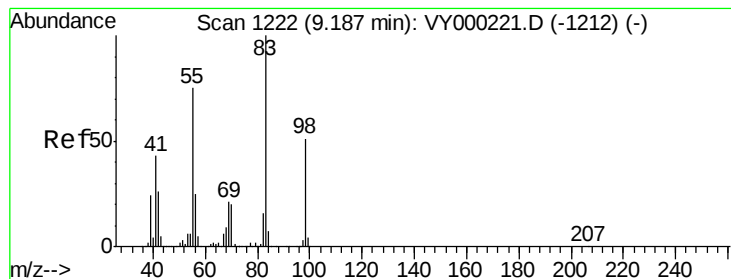
Tot Ion: 43 Resp: 5366
Ion Ratio Lower Upper
43 100
61 16.0 11.1 16.7
70 3.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 0.543 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion: 117 Resp: 2585
Ion Ratio Lower Upper
117 100
119 65.1 77.2 115.8#
121 18.4 23.1 34.7#





#39

Methvlcvclohexane

Concen: 0.507 ug/l

RT: 9.18 min Scan# 1221

Delta R.T. -0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

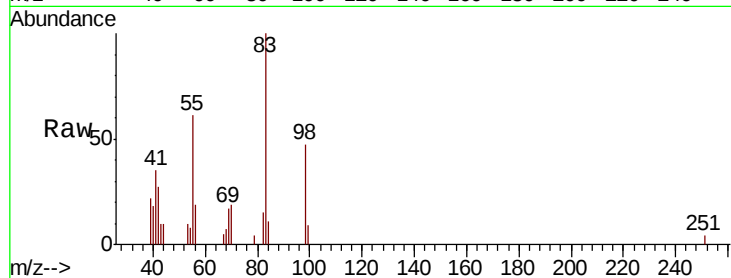
Tot Ion: 83 Resp: 3106

Ion Ratio Lower Upper

83 100

55 61.0 60.2 90.4

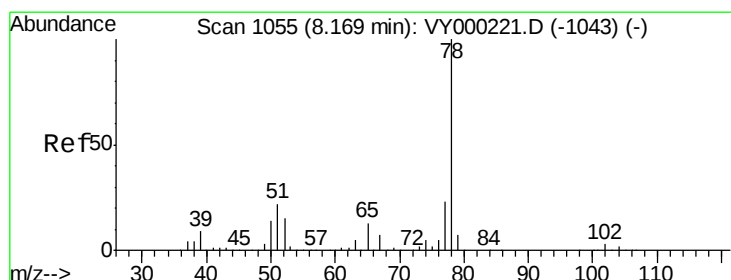
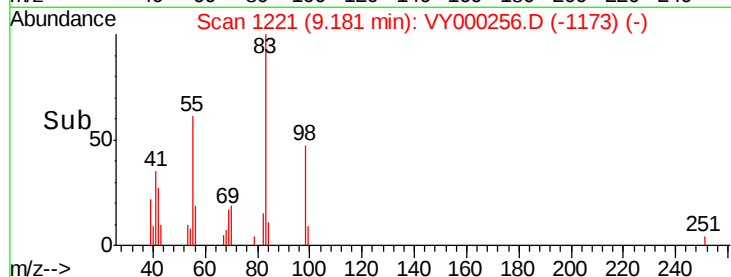
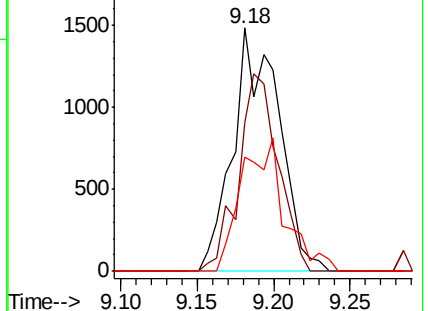
98 46.7 40.5 60.7



Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#40

Benzene

Concen: 0.560 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY000256.D

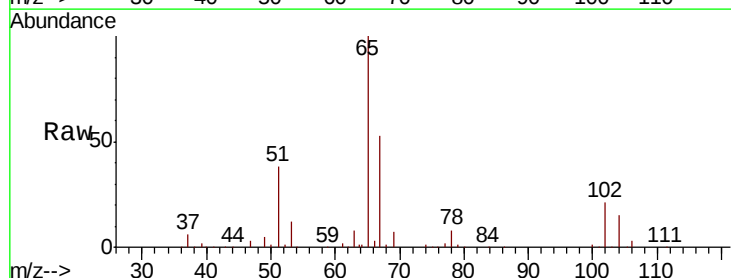
Acq: 10 Oct 2019 16:23

Tgt Ion: 78 Resp: 8302

Ion Ratio Lower Upper

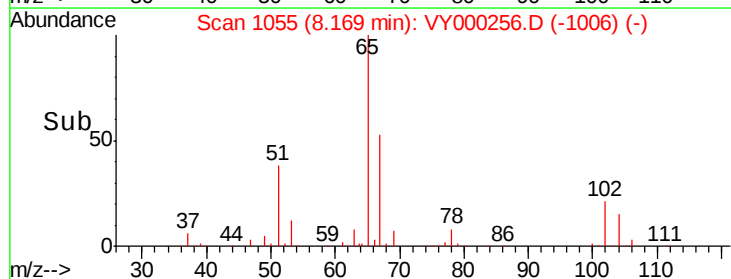
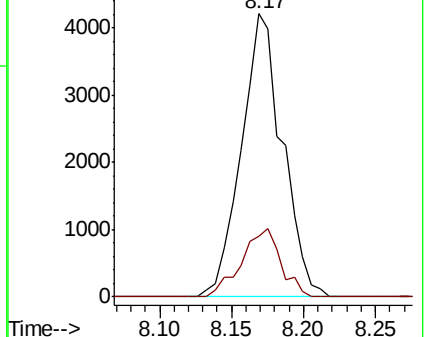
78 100

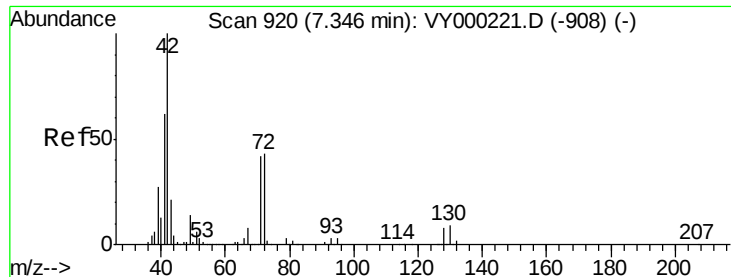
77 21.5 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 1.143 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 41 Resp: 7943

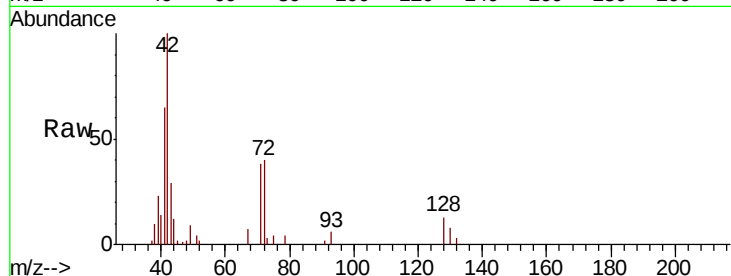
Ion Ratio Lower Upper

41 100

39 0.0 74.7 112.1#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

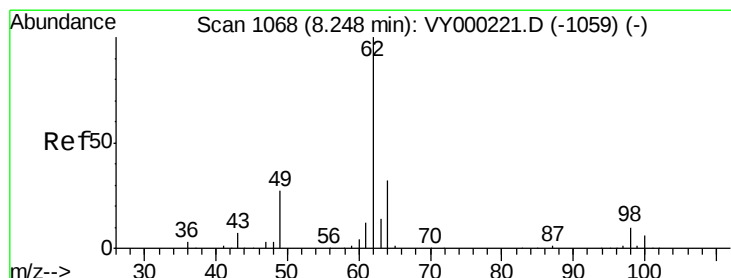
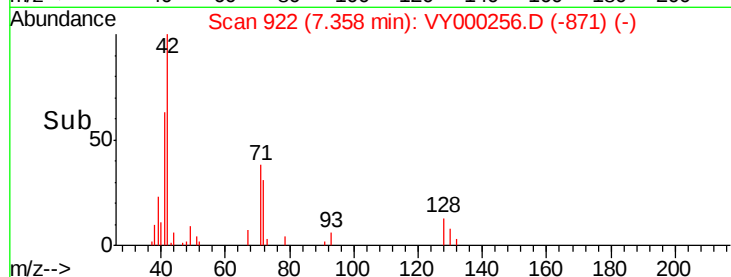
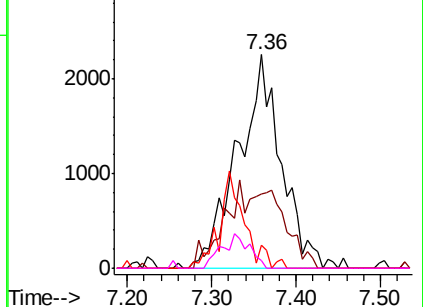


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 0.694 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000256.D

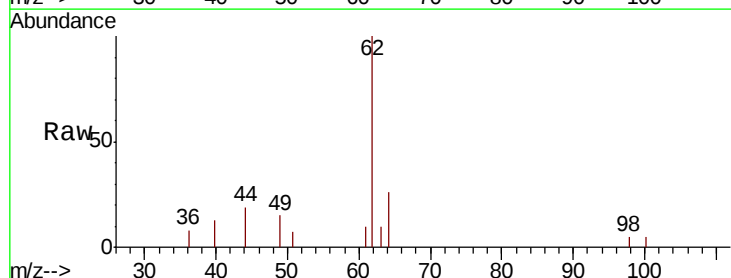
Acq: 10 Oct 2019 16:23

Tgt Ion: 62 Resp: 3340

Ion Ratio Lower Upper

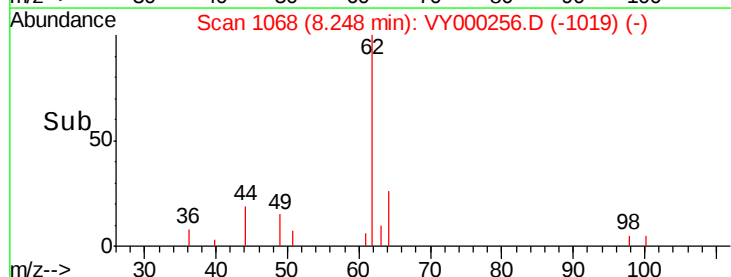
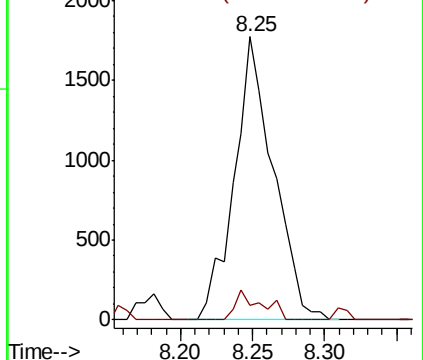
62 100

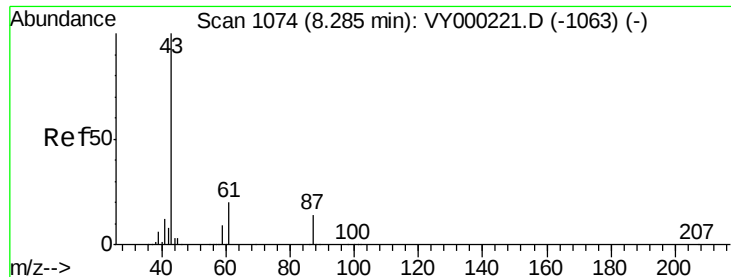
98 7.1 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 0.532 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :

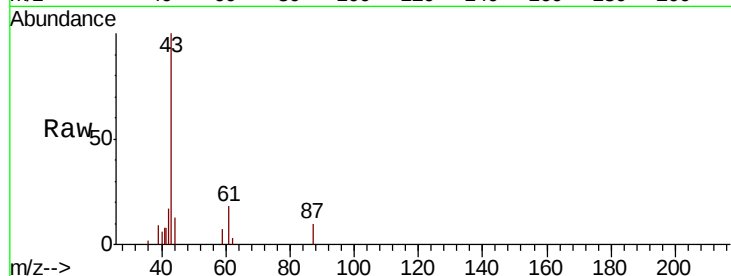
Tot Ion: 43 Resp: 6049

Ion Ratio Lower Upper

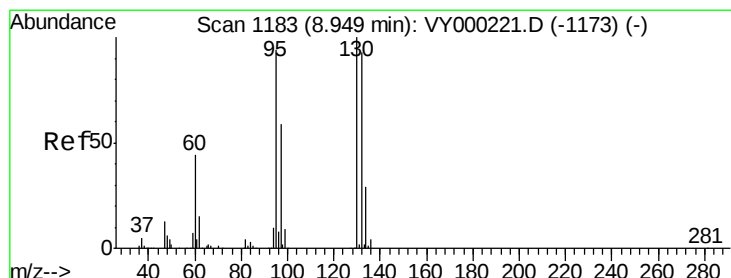
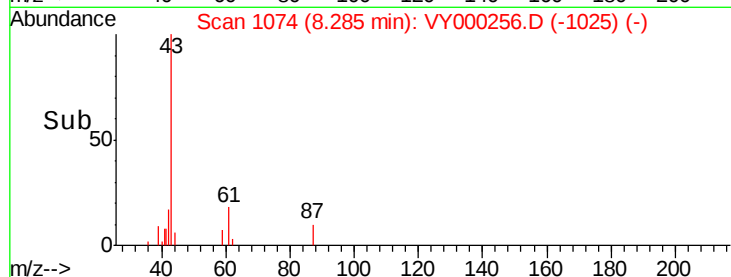
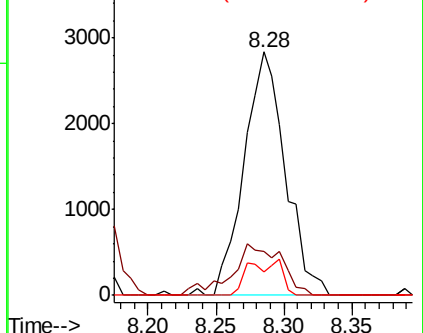
43 100

61 25.2 20.1 30.1

87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 0.625 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY000256.D

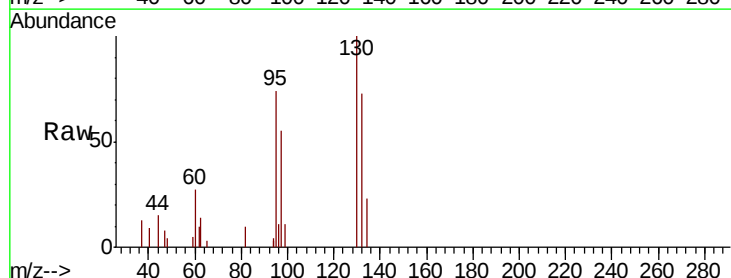
Acq: 10 Oct 2019 16:23

Tgt Ion: 130 Resp: 2512

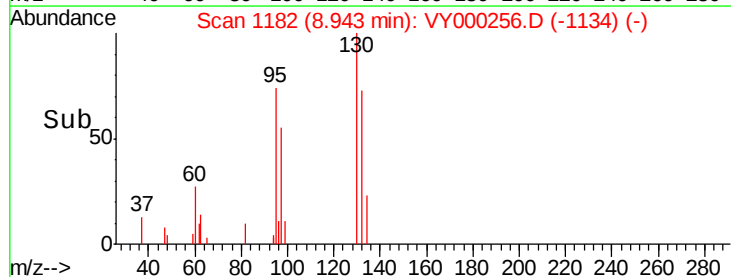
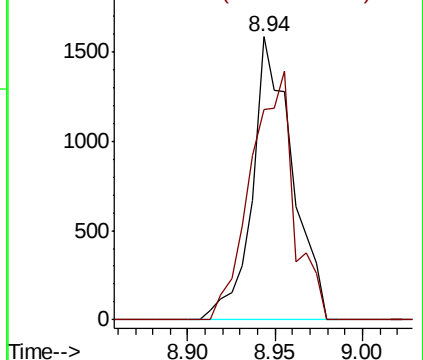
Ion Ratio Lower Upper

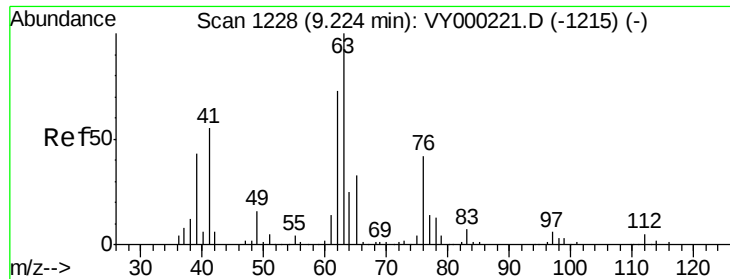
130 100

95 74.1 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

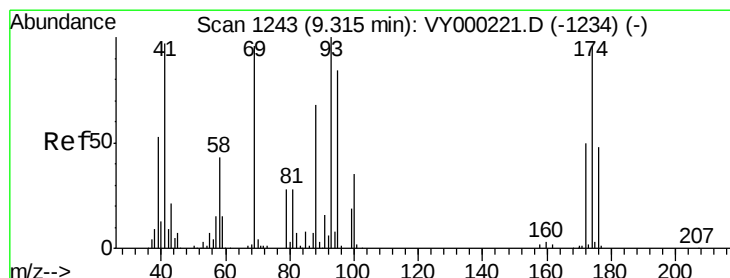
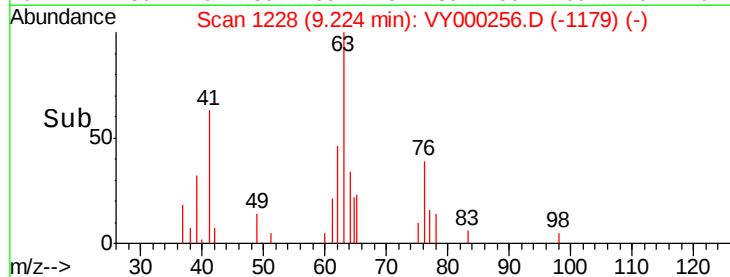
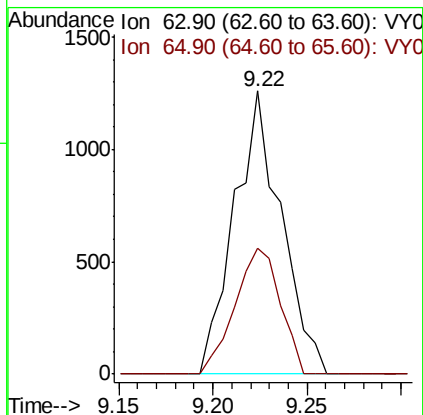
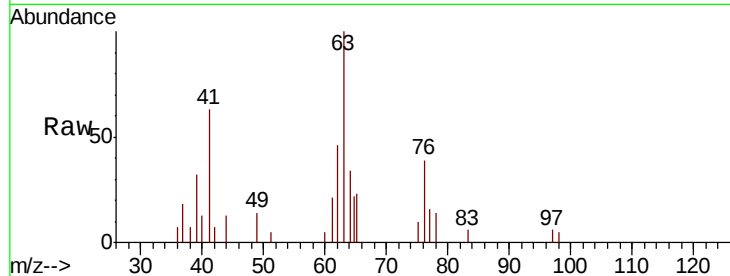




#45
 1,2-Dichloropropane
 Concen: 0.584 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

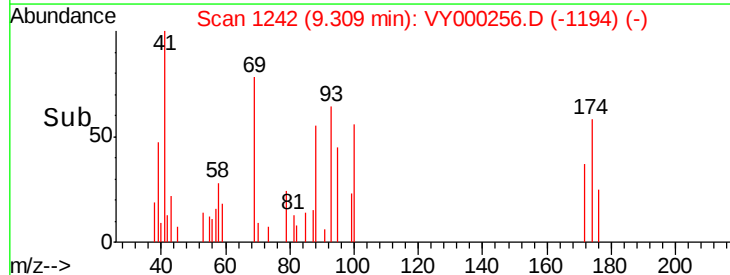
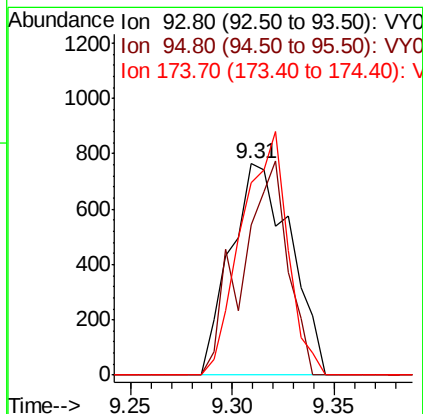
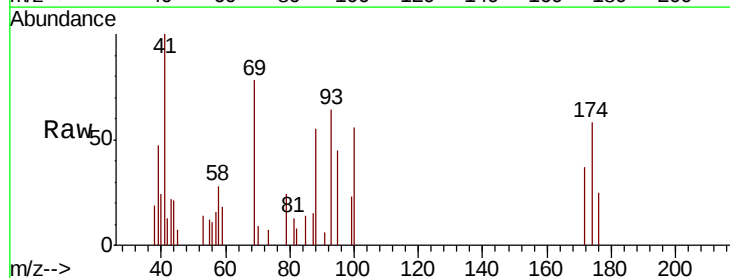
Instrument :
 MSVOA_Y
 ClientSampled :

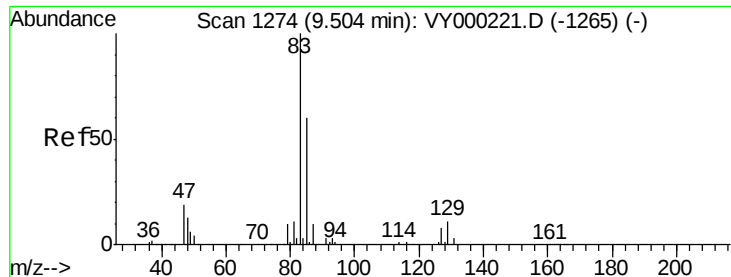
Tot Ion: 63 Resp: 2167
 Ion Ratio Lower Upper
 63 100
 65 44.6 26.6 39.8#



#46
 Dibromomethane
 Concen: 0.602 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Tgt Ion: 93 Resp: 1565
 Ion Ratio Lower Upper
 93 100
 95 77.9 67.0 100.6
 174 88.2 77.5 116.3





#47

Bromodichloromethane

Concen: 0.548 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

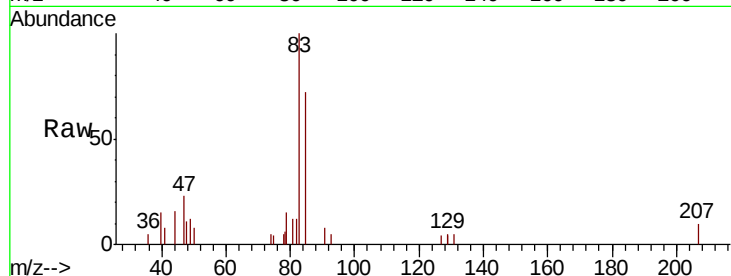
Tot Ion: 83 Resp: 2789

Ion Ratio Lower Upper

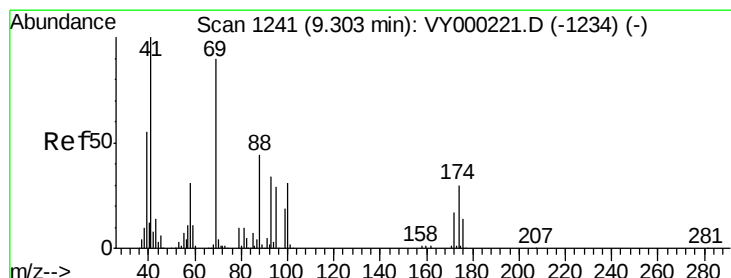
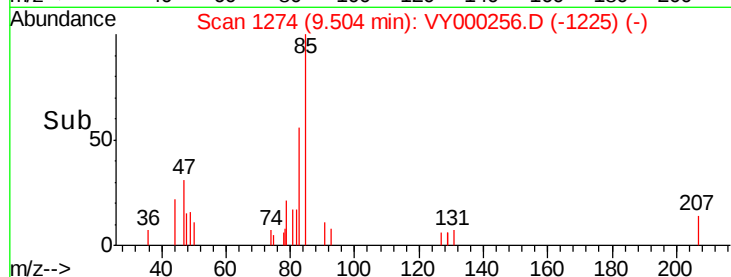
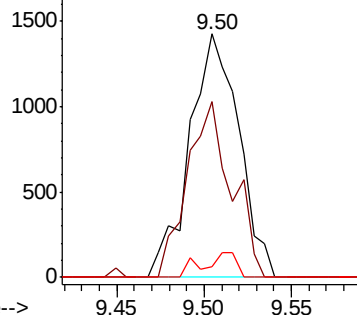
83 100

85 71.9 48.0 72.0

127 4.3 6.5 9.7#



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 0.560 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

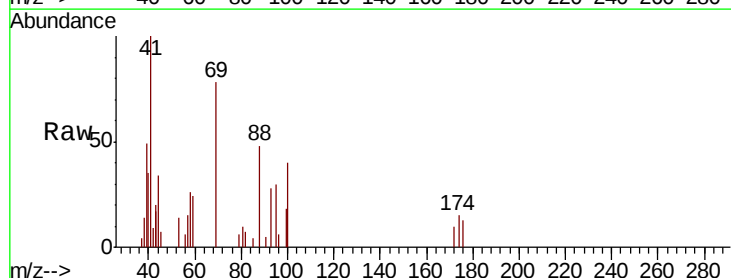
Tgt Ion: 41 Resp: 2871

Ion Ratio Lower Upper

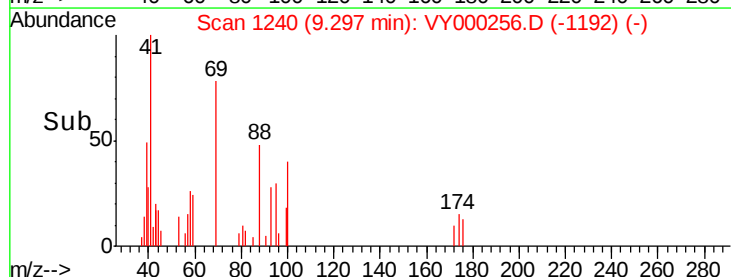
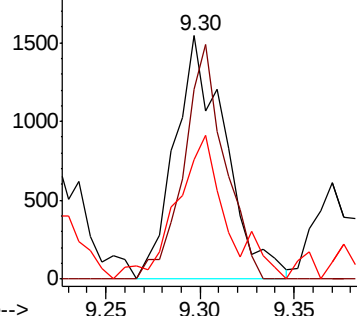
41 100

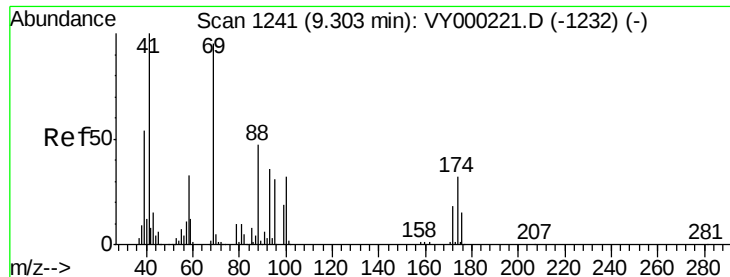
69 78.0 70.3 105.5

39 58.3 45.5 68.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 12.883 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :

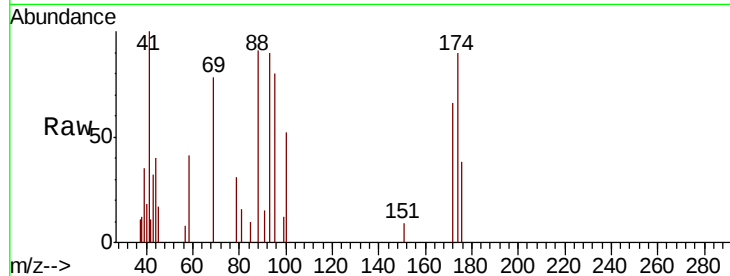
Tot Ion: 88 Resp: 1696

Ion Ratio Lower Upper

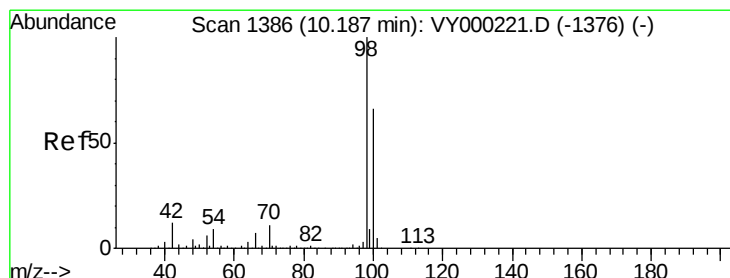
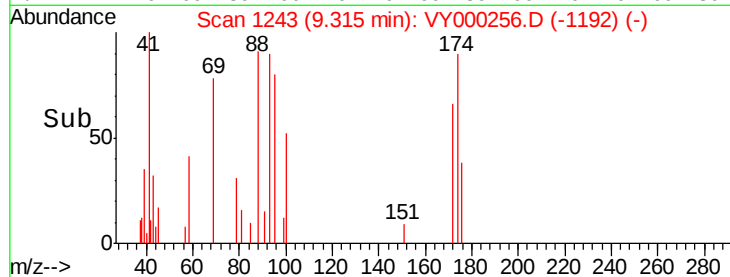
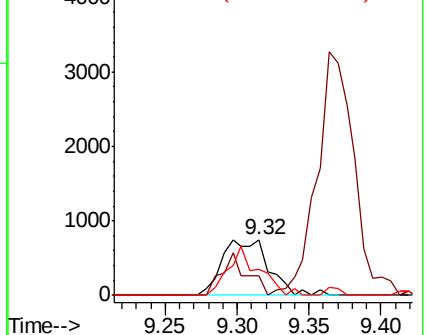
88 100

43 41.5 24.5 36.7#

58 58.0 54.2 81.2



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



#50

Toluene-d8

Concen: 48.681 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000256.D

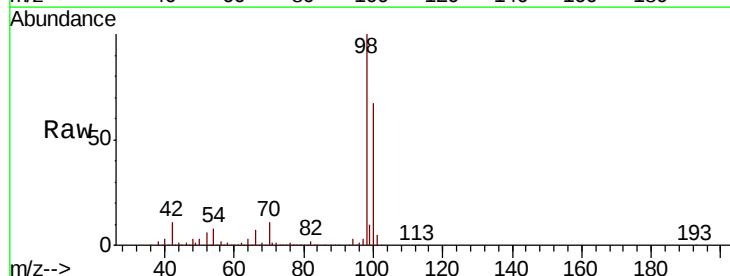
Acq: 10 Oct 2019 16:23

Tgt Ion: 98 Resp: 571792

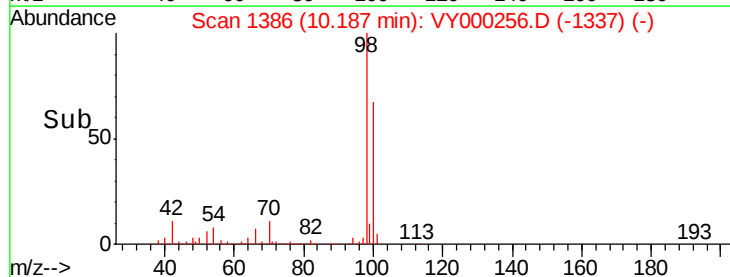
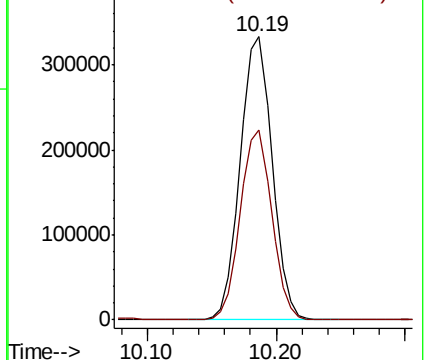
Ion Ratio Lower Upper

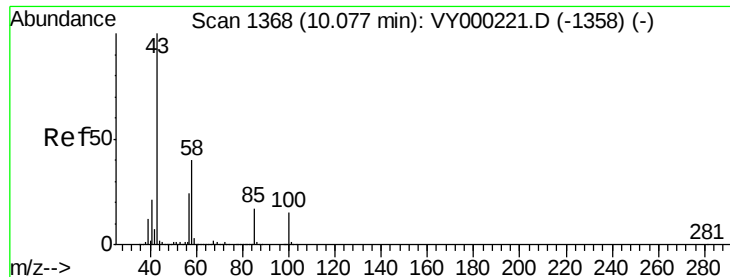
98 100

100 66.2 53.0 79.6



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

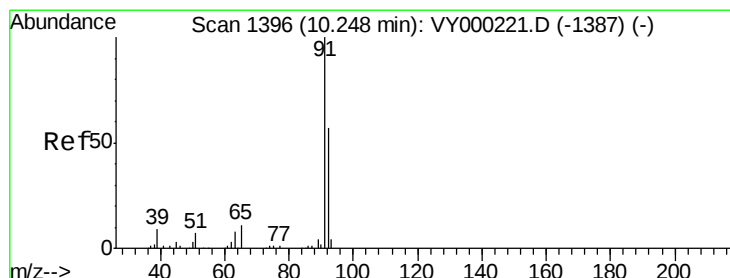
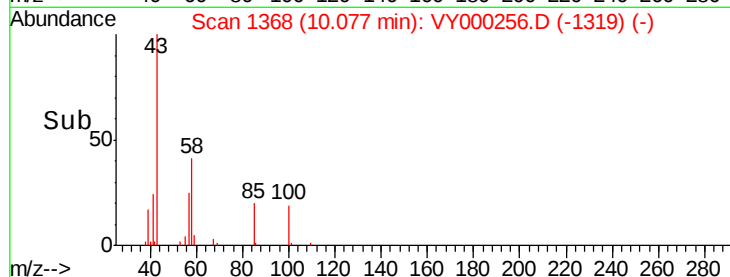
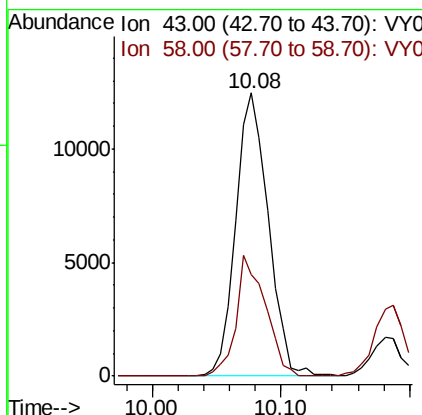
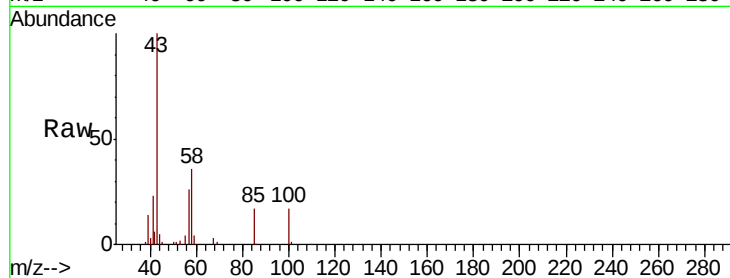




#51
4-Methyl-2-Pentanone
Concen: 2.559 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

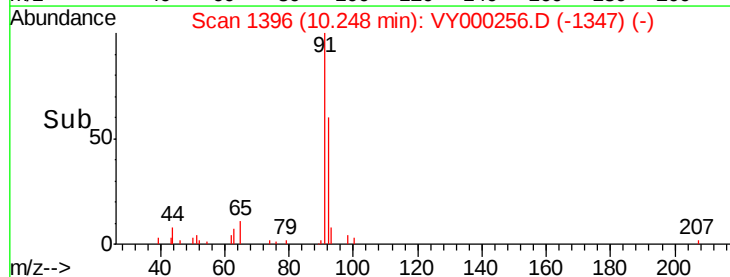
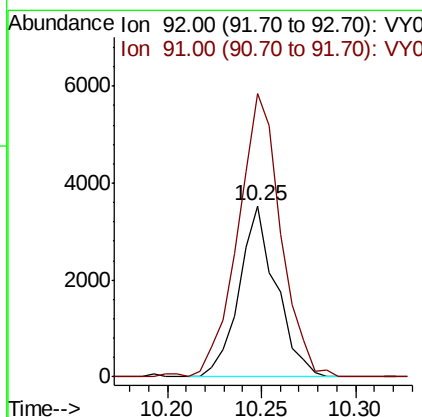
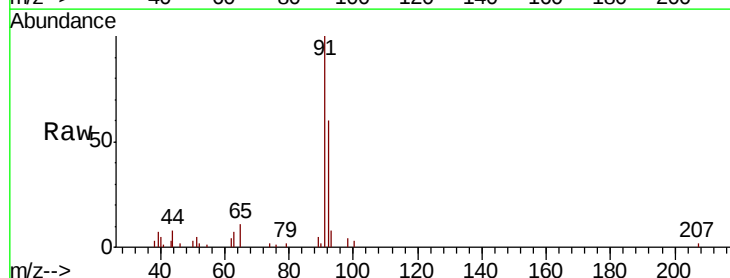
Instrument :
MSVOA_Y
ClientSampled :

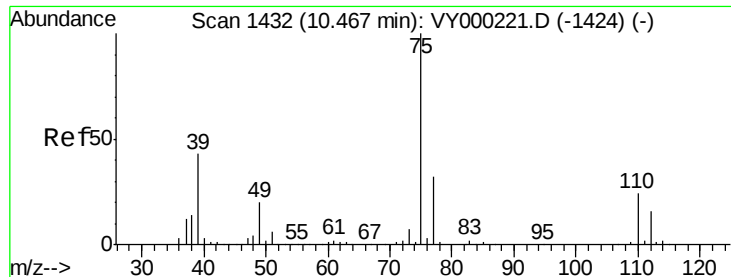
Tot Ion: 43 Resp: 21852
Ion Ratio Lower Upper
43 100
58 38.3 31.7 47.5



#52
Toluene
Concen: 0.506 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion: 92 Resp: 4810
Ion Ratio Lower Upper
92 100
91 192.1 139.1 208.7

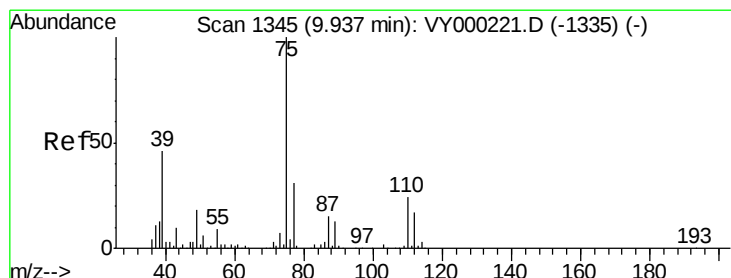
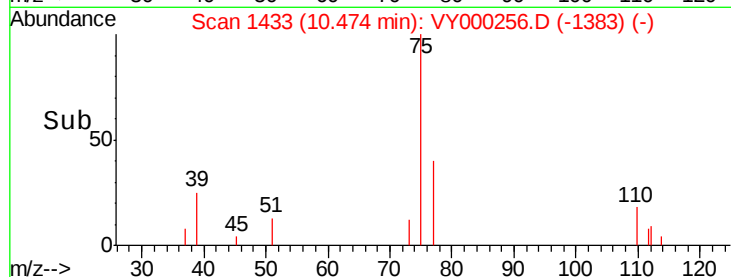
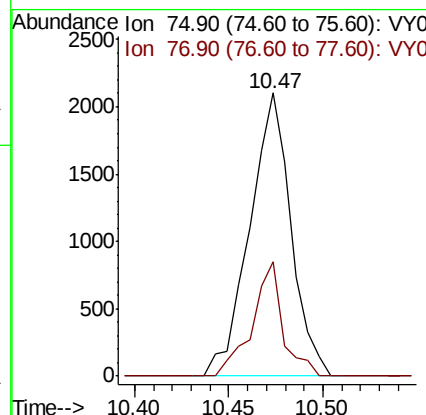
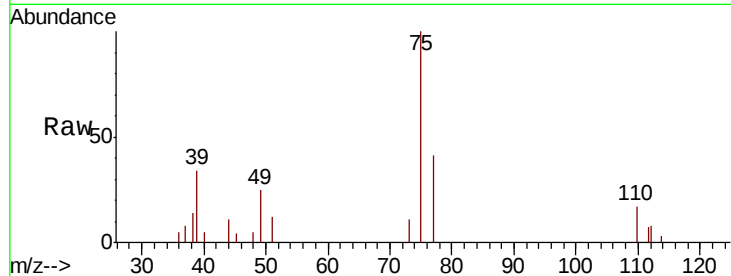




#53
t-1,3-Dichloropropene
Concen: 0.552 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

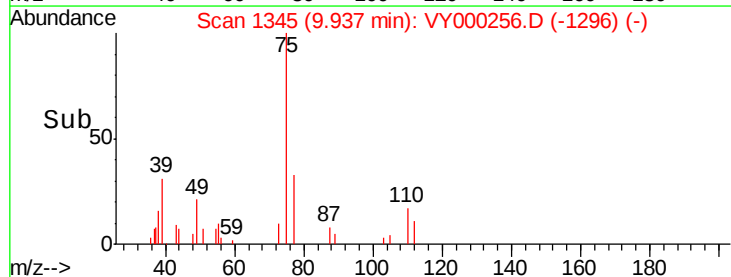
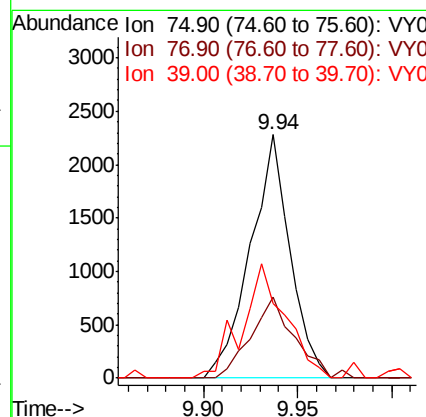
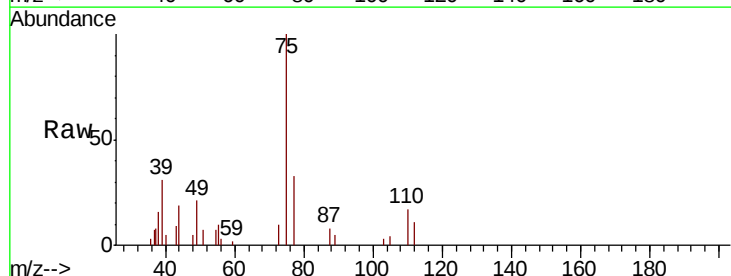
Instrument :
MSVOA_Y
ClientSampleId :

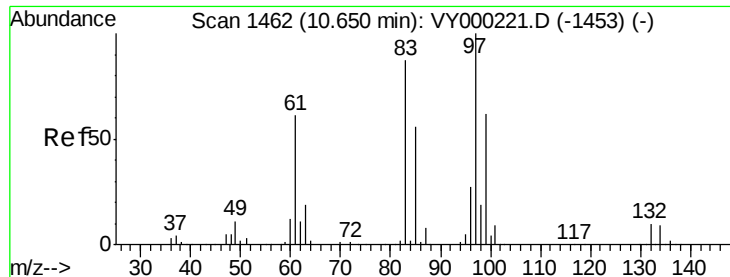
Tot Ion: 75 Resp: 3188
Ion Ratio Lower Upper
75 100
77 40.6 25.3 37.9#



#54
cis-1,3-Dichloropropene
Concen: 0.533 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion: 75 Resp: 3331
Ion Ratio Lower Upper
75 100
77 33.3 25.0 37.4
39 30.9 36.3 54.5#





#55

1,1,2-Trichloroethane

Concen: 0.523 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 1961

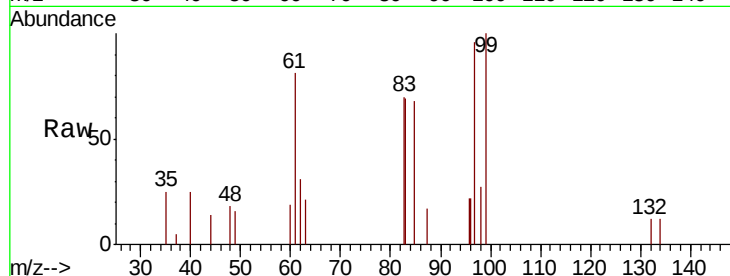
Ion Ratio Lower Upper

97 100

83 143.8 69.4 104.0#

85 70.1 44.6 66.8#

99 103.7 49.2 73.8#

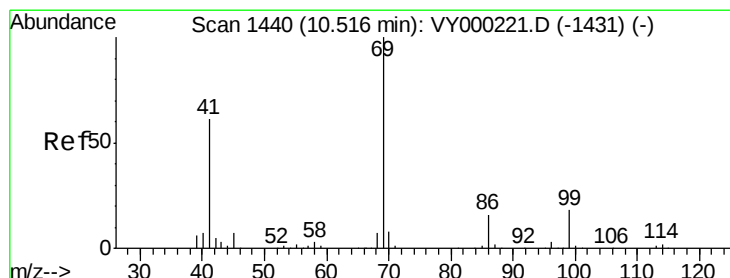
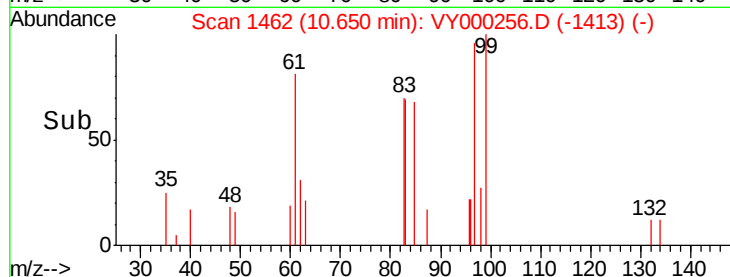
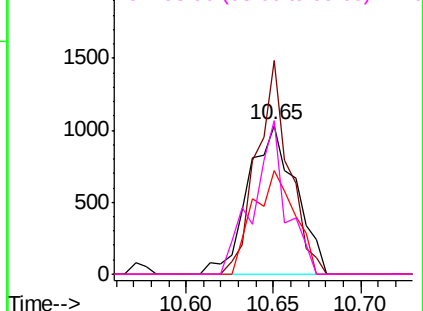


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 0.436 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

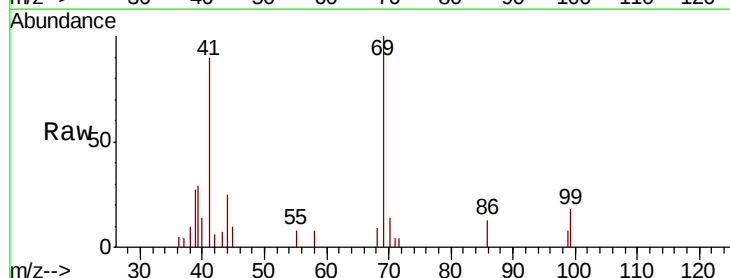
Tgt Ion: 69 Resp: 2878

Ion Ratio Lower Upper

69 100

41 87.2 51.2 76.8#

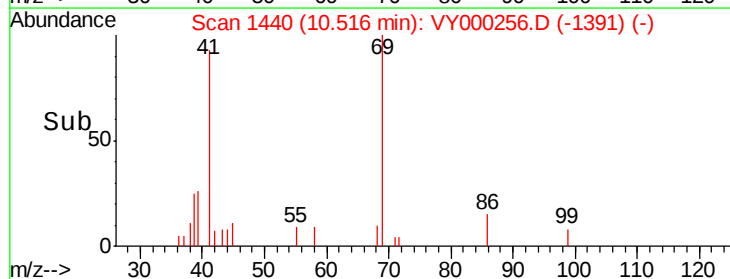
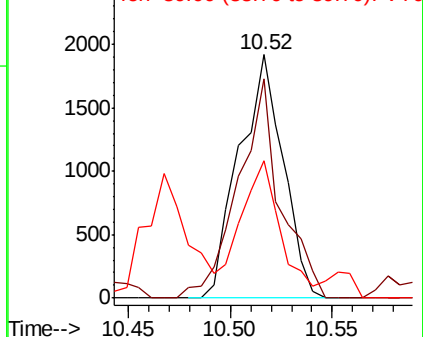
39 51.6 27.0 40.4#

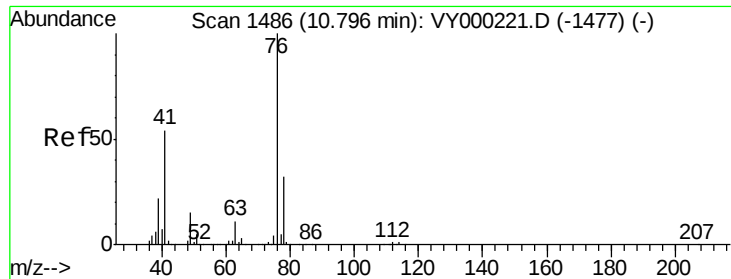


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

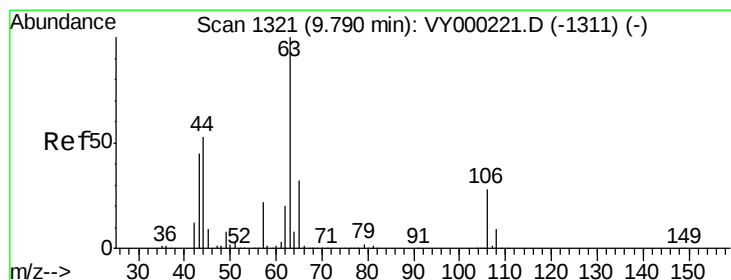
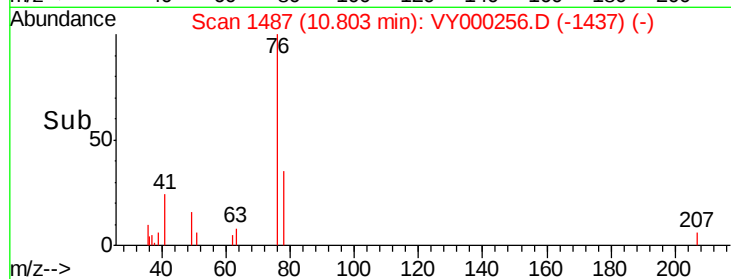
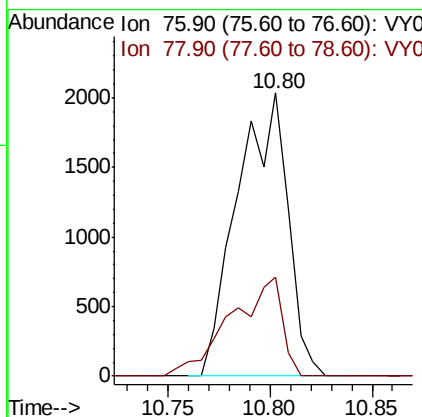
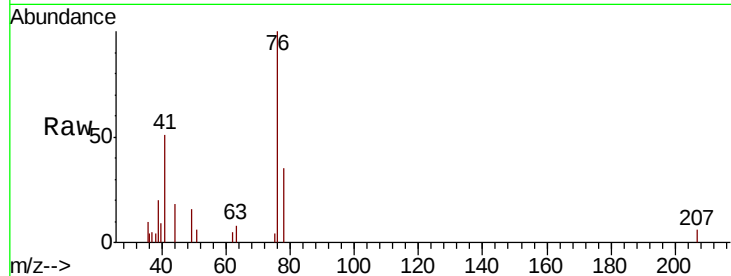




#57
 1,3-Dichloropropane
 Concen: 0.547 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

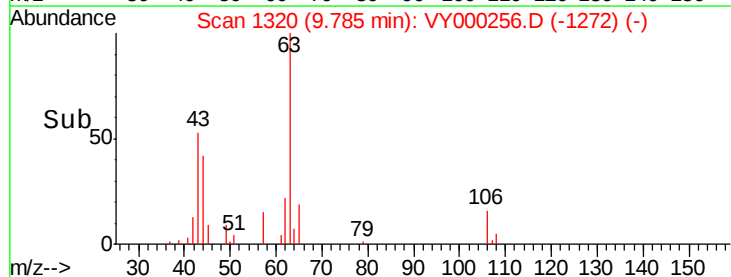
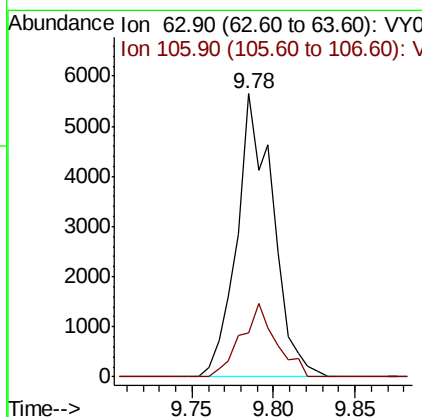
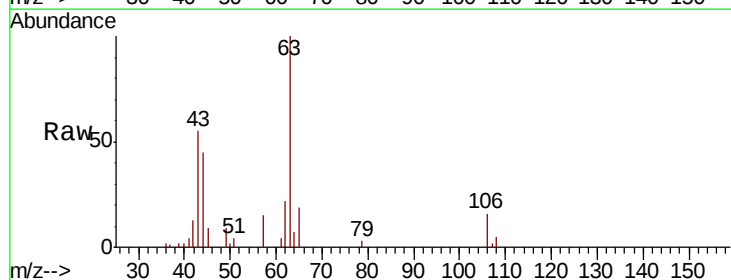
Instrument :
 MSVOA_Y
 ClientSampleId :

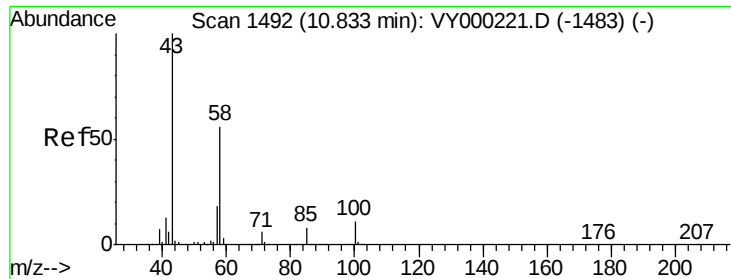
Tot Ion: 76 Resp: 3497
 Ion Ratio Lower Upper
 76 100
 78 35.8 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 2.968 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Tgt Ion: 63 Resp: 8725
 Ion Ratio Lower Upper
 63 100
 106 25.0 22.6 33.8

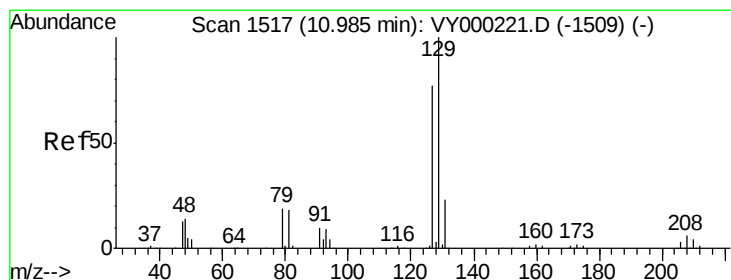
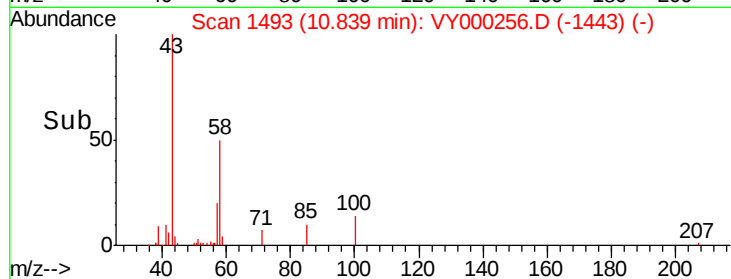
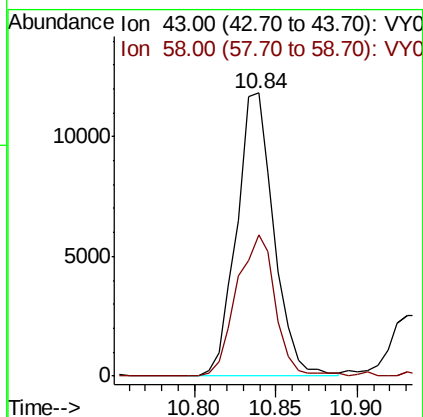
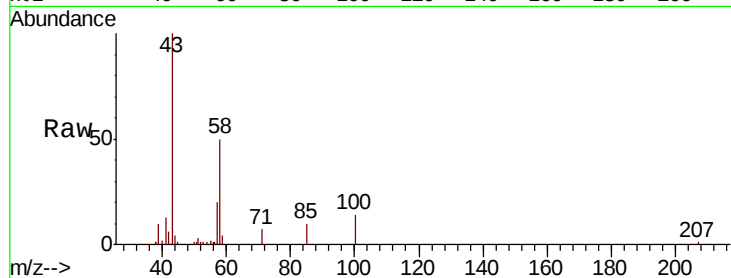




#59
2-Hexanone
Concen: Below Cal
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

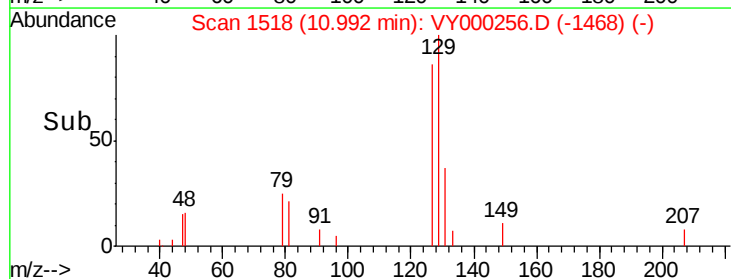
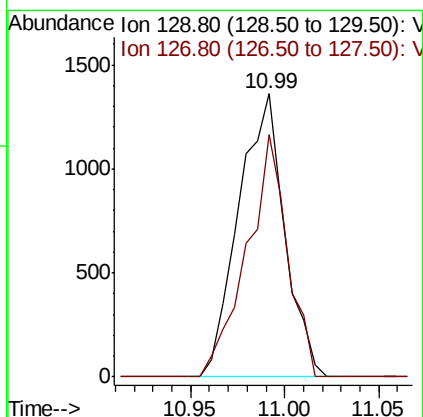
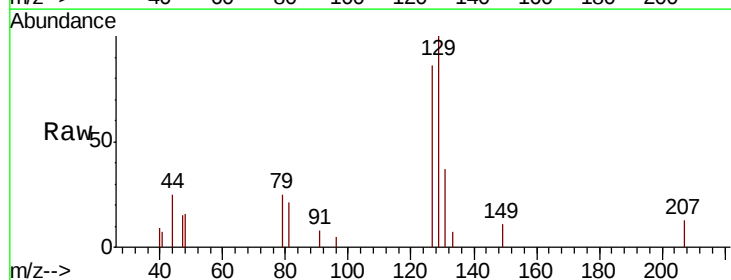
Instrument :
MSVOA_Y
ClientSampled :

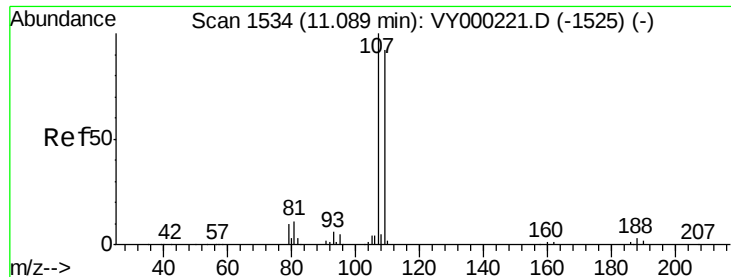
Tot Ion: 43 Resp: 18827
Ion Ratio Lower Upper
43 100
58 52.0 28.2 84.6



#60
Dibromochloromethane
Concen: 0.581 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion: 129 Resp: 2300
Ion Ratio Lower Upper
129 100
127 75.7 39.1 117.2

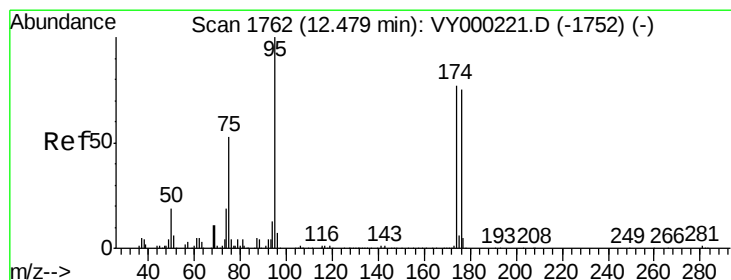
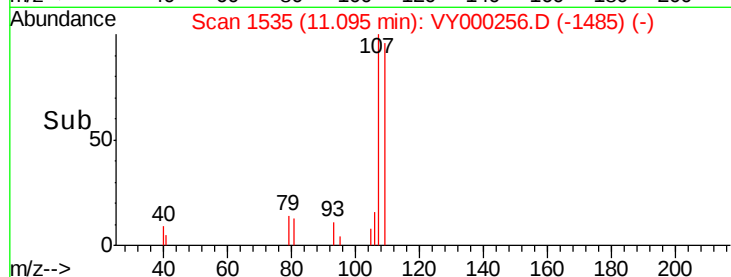
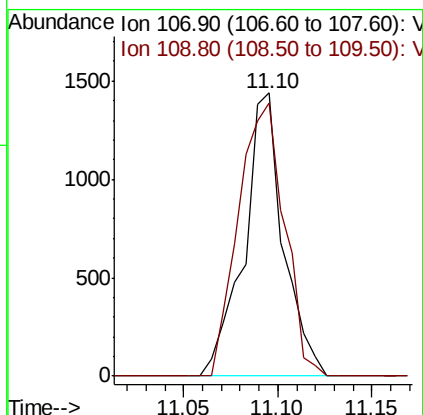
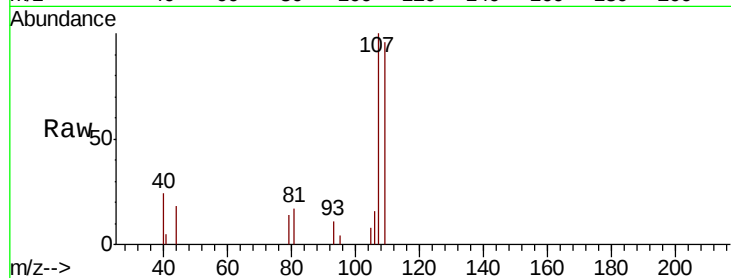




#61
 1,2-Dibromoethane
 Concen: 0.524 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

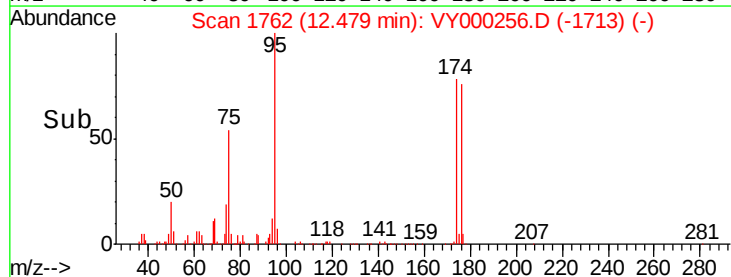
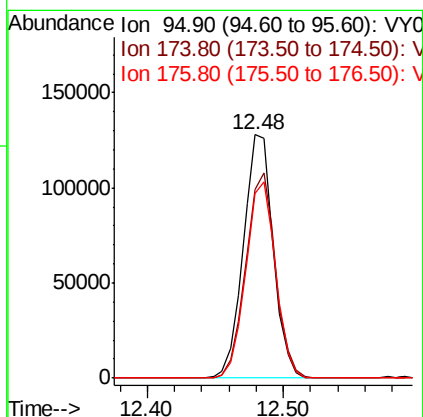
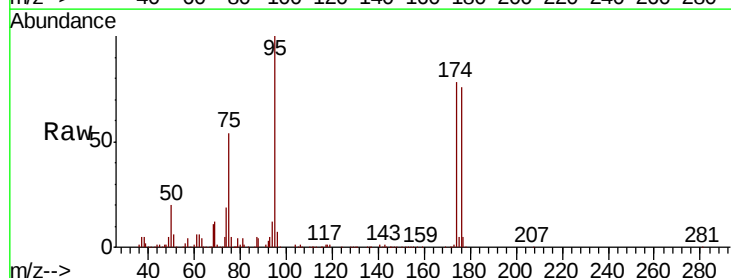
Instrument :
 MSVOA_Y
 ClientSampleId :

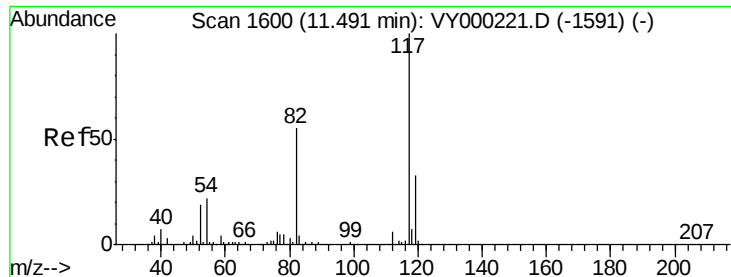
Tot Ion: 107 Resp: 2086
 Ion Ratio Lower Upper
 107 100
 109 112.7 75.0 112.6#



#62
 4-Bromofluorobenzene
 Concen: 47.359 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Tgt Ion: 95 Resp: 196326
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 157.0
 176 80.8 0.0 153.0

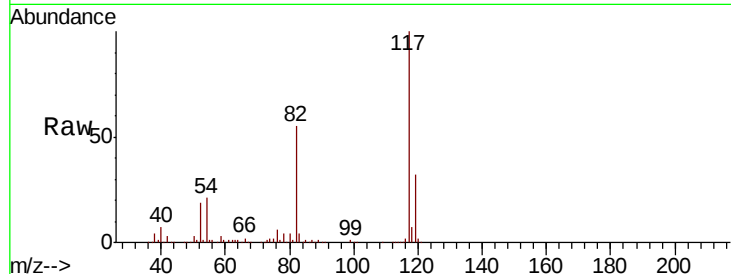




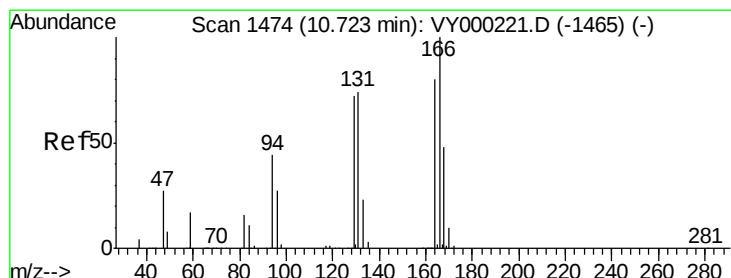
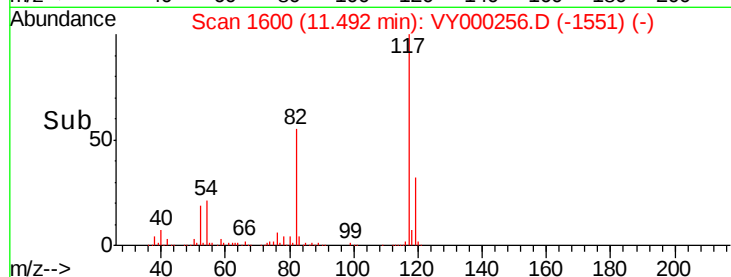
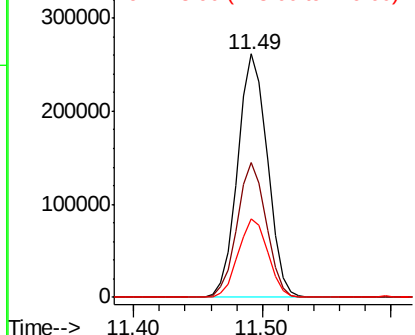
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 417439
Ion Ratio Lower Upper
117 100
82 55.2 44.4 66.6
119 32.3 26.2 39.2

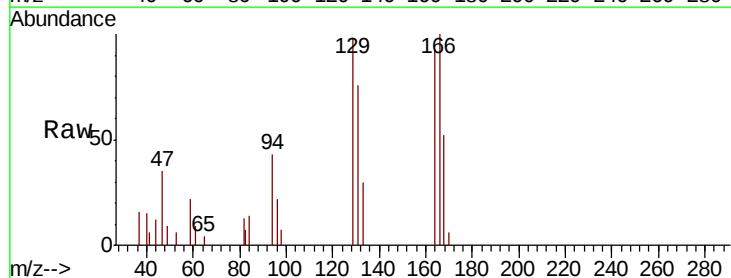


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

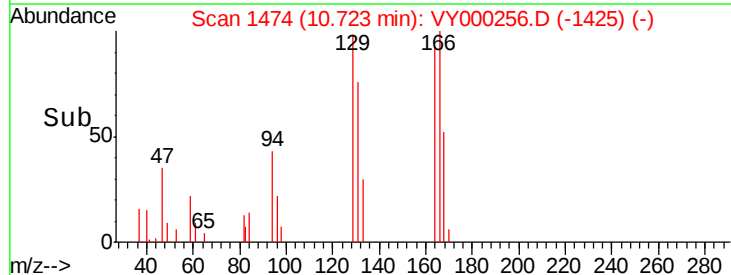
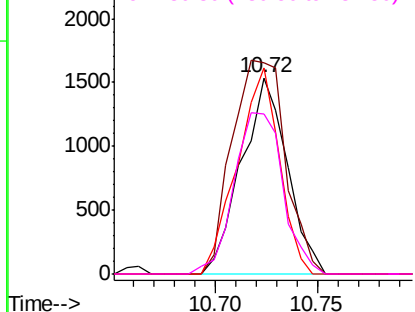


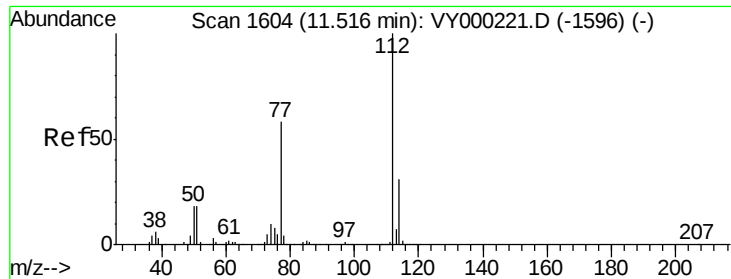
#64
Tetrachloroethene
Concen: 0.627 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion:164 Resp: 2392
Ion Ratio Lower Upper
164 100
166 107.3 100.3 150.5
129 105.0 72.4 108.6
131 81.6 74.4 111.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

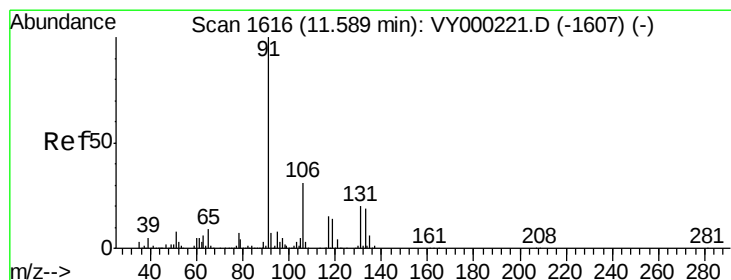
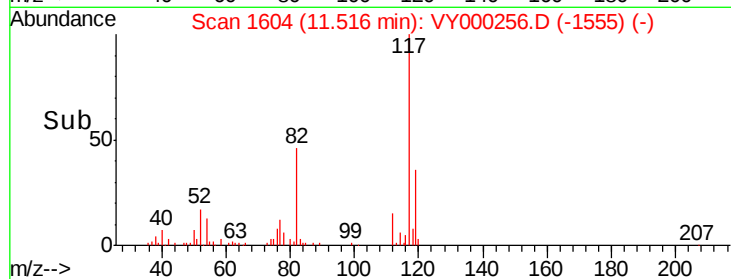
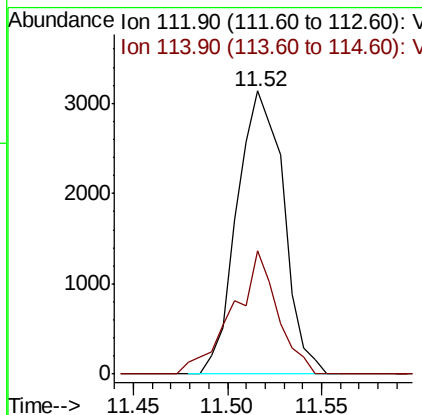
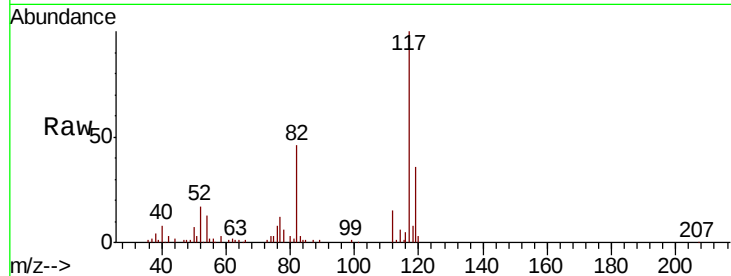




#65
Chlorobenzene
Concen: 0.555 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

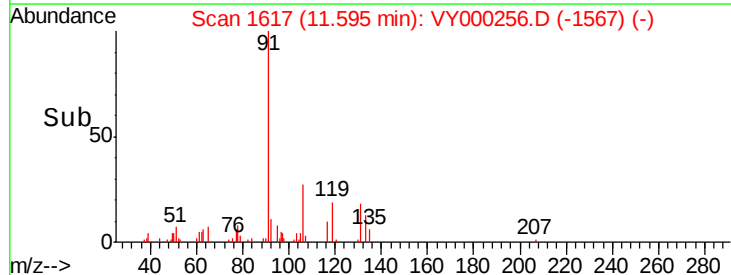
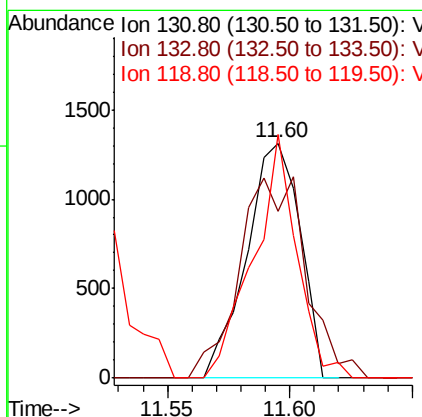
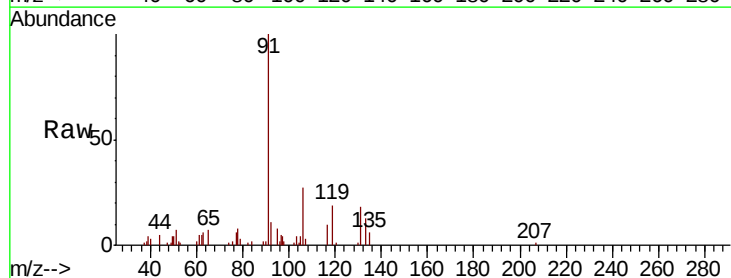
Instrument :
MSVOA_Y
ClientSampleId :

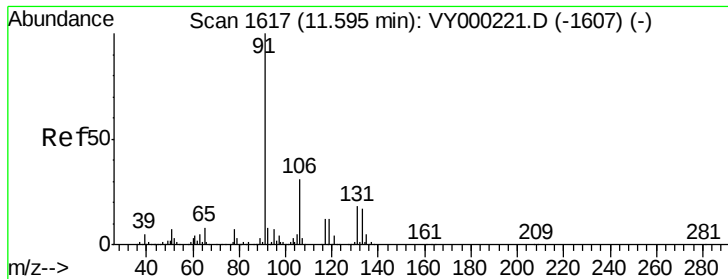
Tot Ion:112 Resp: 5372
Ion Ratio Lower Upper
112 100
114 43.5 25.0 37.4#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.575 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion:131 Resp: 1990
Ion Ratio Lower Upper
131 100
133 106.3 47.0 141.2
119 0.0 33.3 99.8#





#67

Ethyl Benzene

Concen: 0.557 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

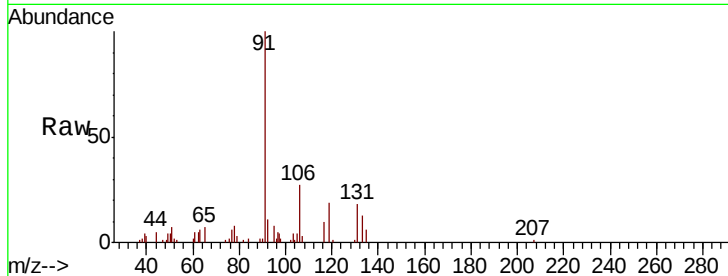
ClientSampleId :

Tot Ion: 91 Resp: 9625

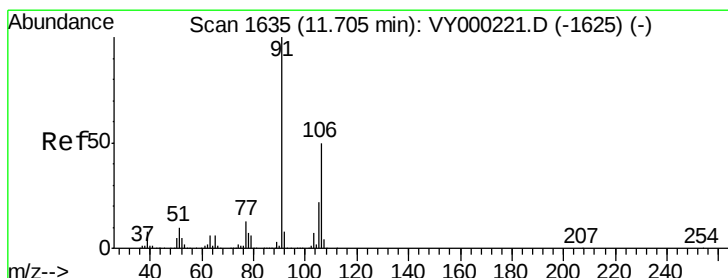
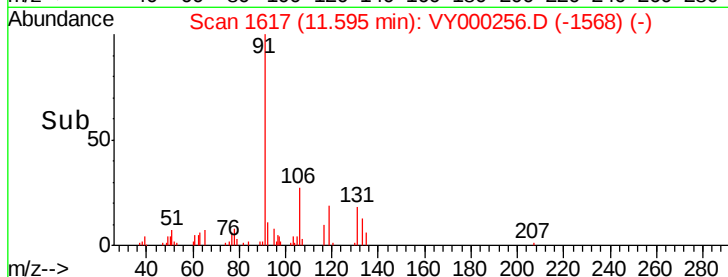
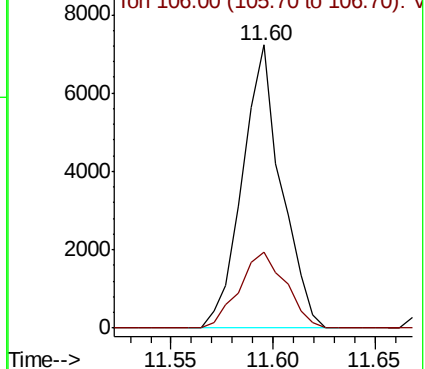
Ion Ratio Lower Upper

91 100

106 26.8 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1607) (-)



#68

m/p-Xylenes

Concen: 1.043 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY000256.D

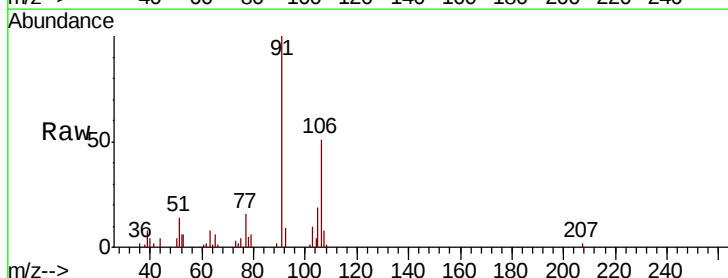
Acq: 10 Oct 2019 16:23

Tgt Ion: 106 Resp: 6884

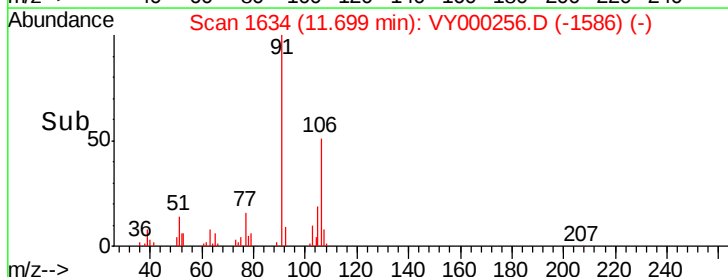
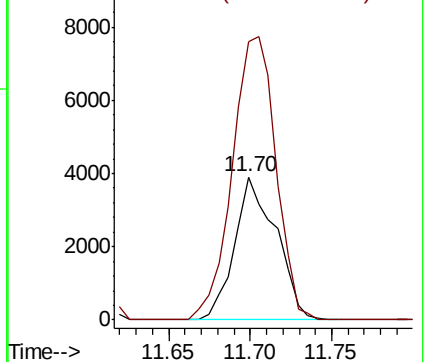
Ion Ratio Lower Upper

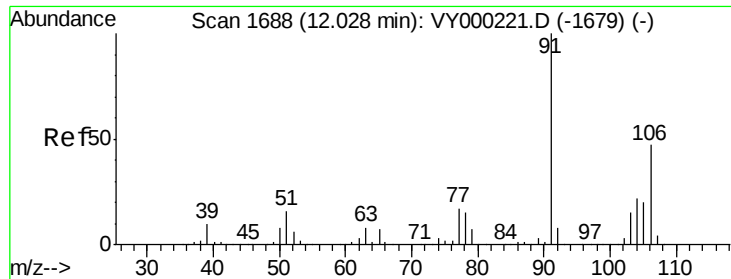
106 100

91 209.2 159.9 239.9



Abundance Ion 106.00 (105.70 to 106.70): VY000221.D (-1625) (-)

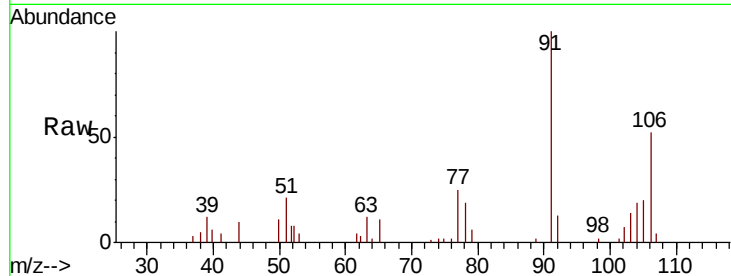




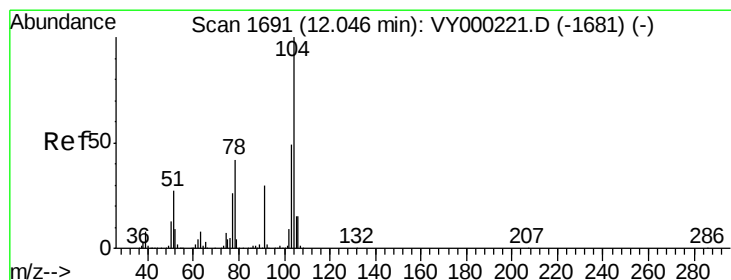
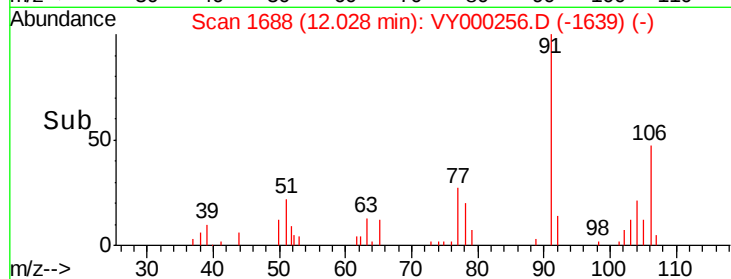
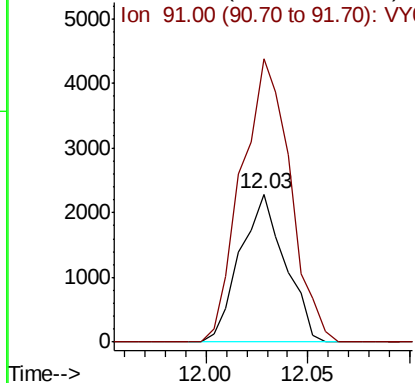
#69
o-Xylene
Concen: 0.554 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 3521
Ion Ratio Lower Upper
106 100
91 207.4 106.1 318.1

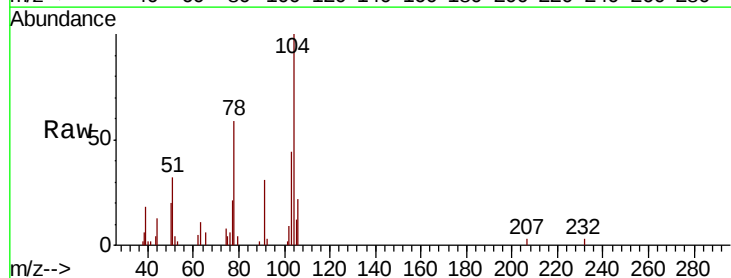


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

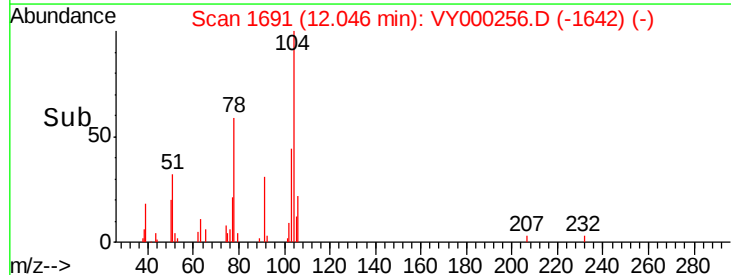
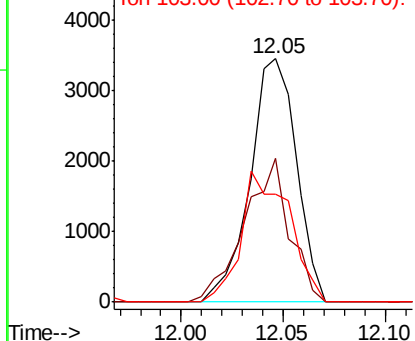


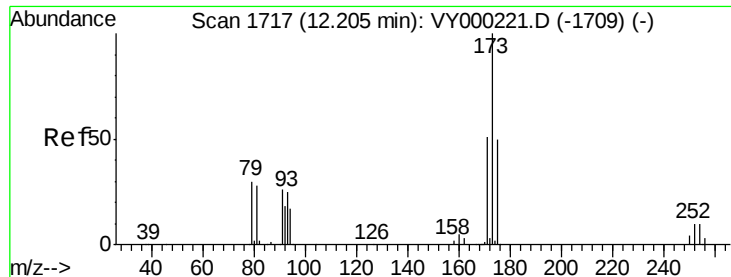
#70
Styrene
Concen: 0.499 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion:104 Resp: 5461
Ion Ratio Lower Upper
104 100
78 57.6 39.0 58.4
103 55.8 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: 0.458 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

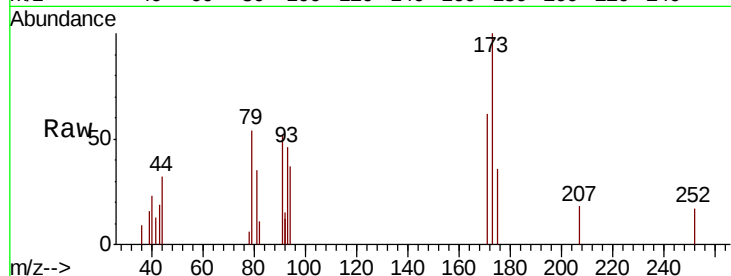
Tot Ion:173 Resp: 1307

Ion Ratio Lower Upper

173 100

175 52.5 24.8 74.3

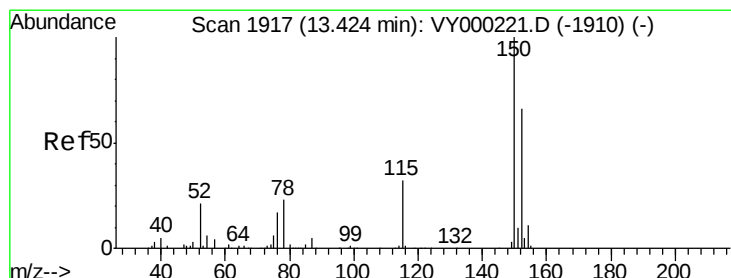
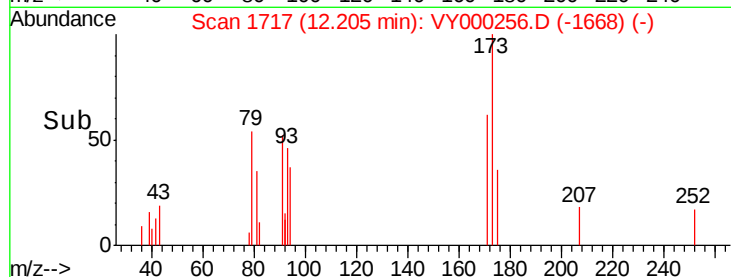
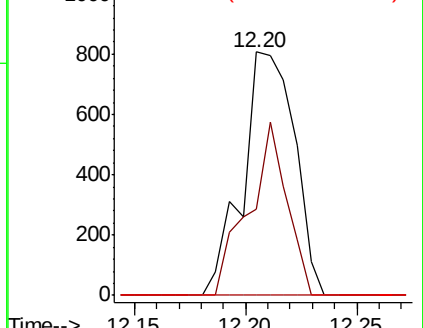
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

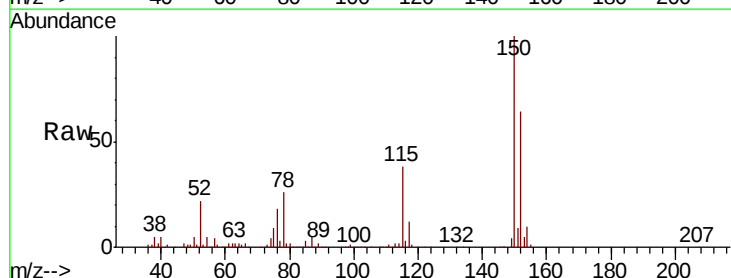
Tgt Ion:152 Resp: 188920

Ion Ratio Lower Upper

152 100

115 59.7 29.3 88.0

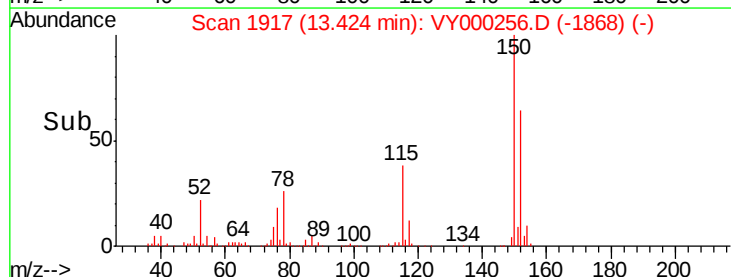
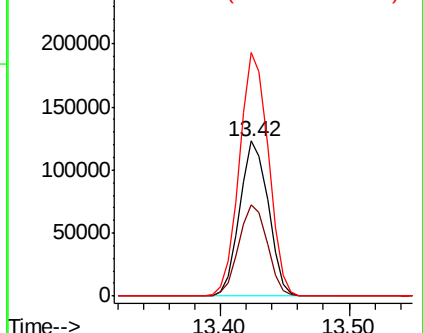
150 159.3 0.0 349.6

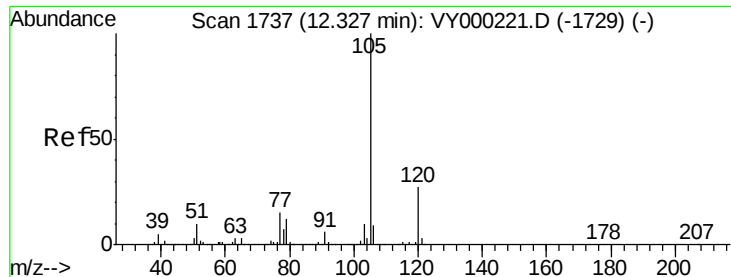


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.537 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

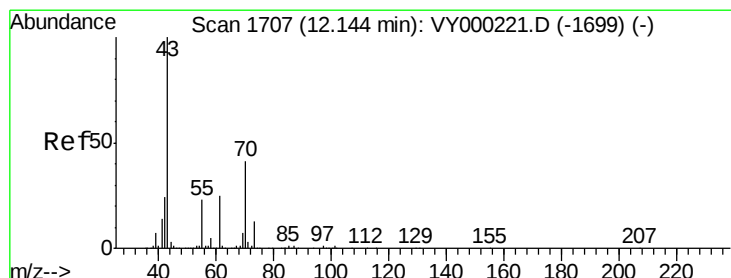
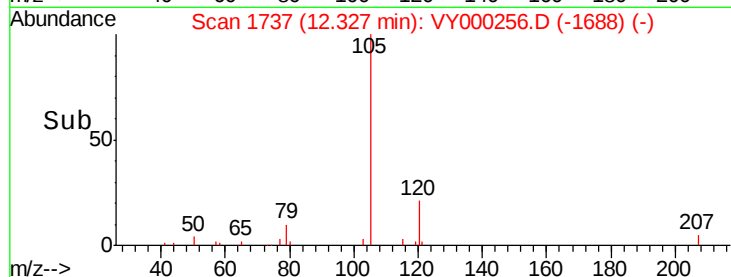
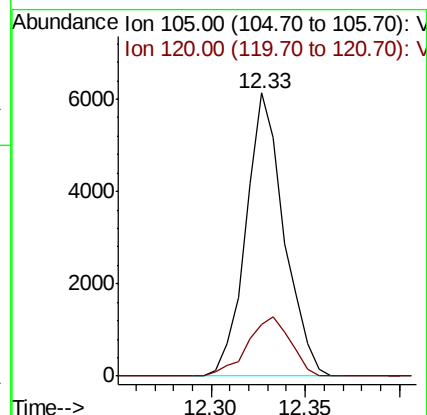
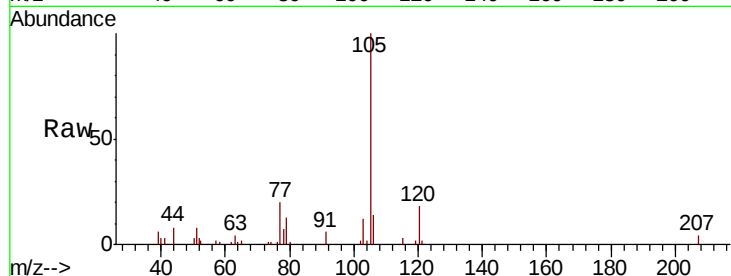
ClientSampleId :

Tot Ion: 105 Resp: 8591

Ion Ratio Lower Upper

105 100

120 23.5 13.6 40.8



#74

N-ethyl acetate

Concen: 0.474 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Tgt Ion: 43 Resp: 2947

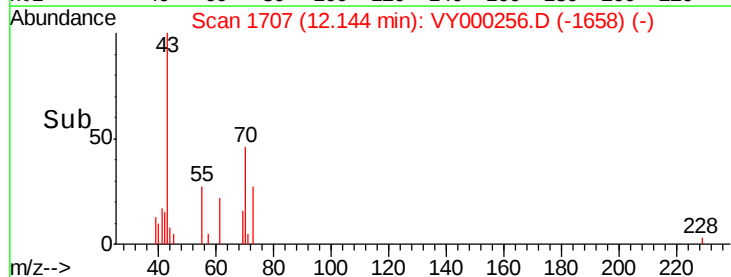
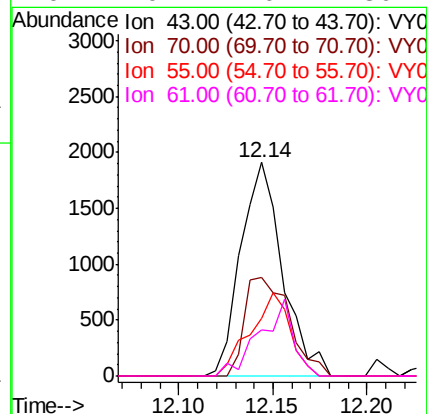
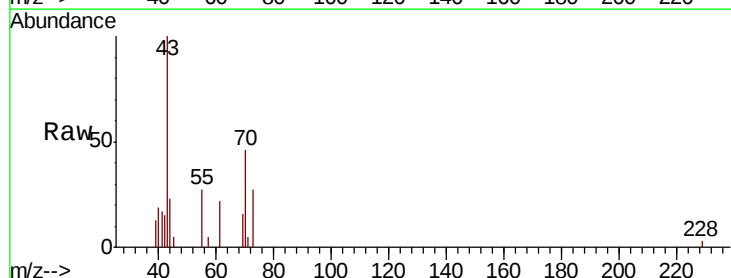
Ion Ratio Lower Upper

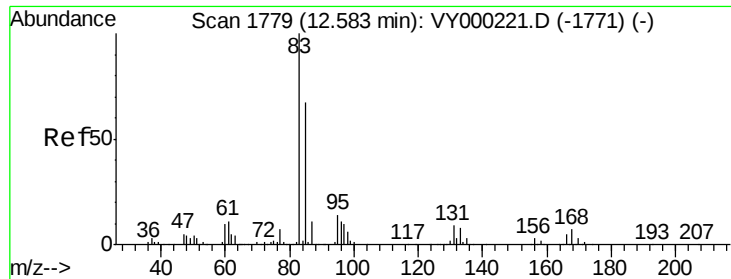
43 100

70 49.5 34.9 52.3

55 36.8 18.2 27.2#

61 29.1 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 0.532 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

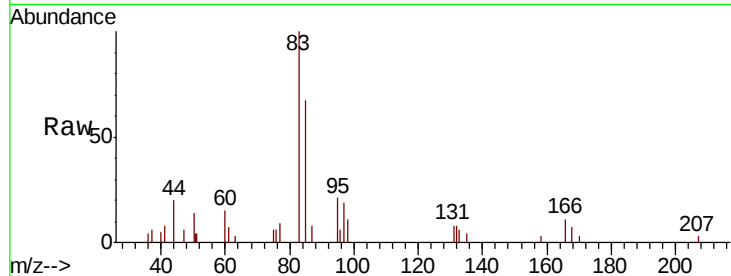
Tot Ion: 83 Resp: 2905

Ion Ratio Lower Upper

83 100

131 8.6 4.8 14.3

85 69.4 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY000221.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY000221.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY000221.D (-1771) (-)

12.58

2500

2000

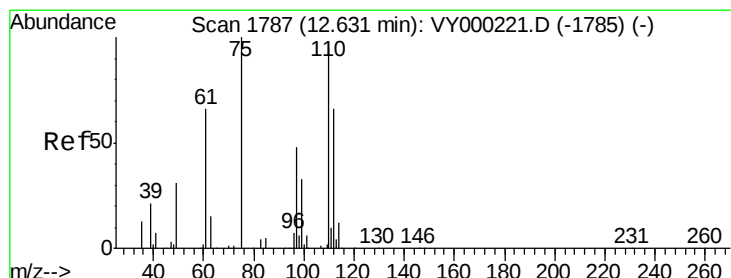
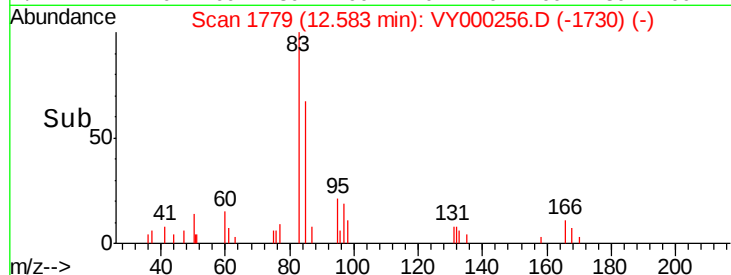
1500

1000

500

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 0.944 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY000256.D

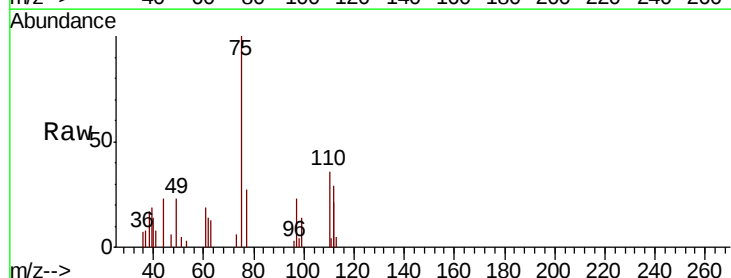
Acq: 10 Oct 2019 16:23

Tgt Ion: 75 Resp: 4711

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000221.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY000221.D (-1785) (-)

12.64

3000

2500

2000

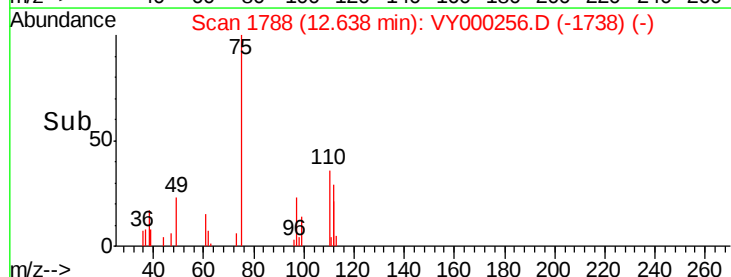
1500

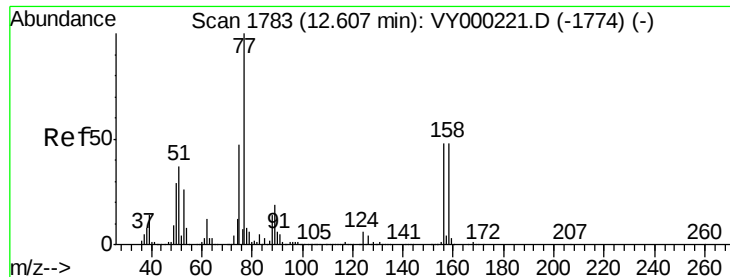
1000

500

0

Time-->

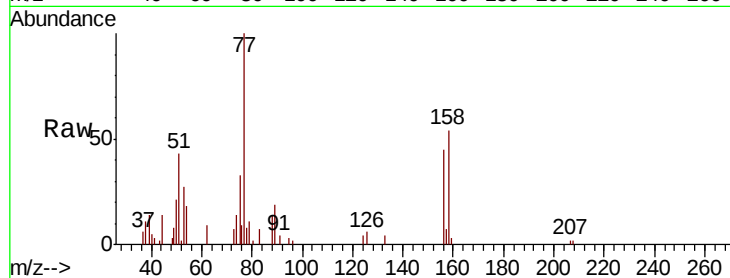




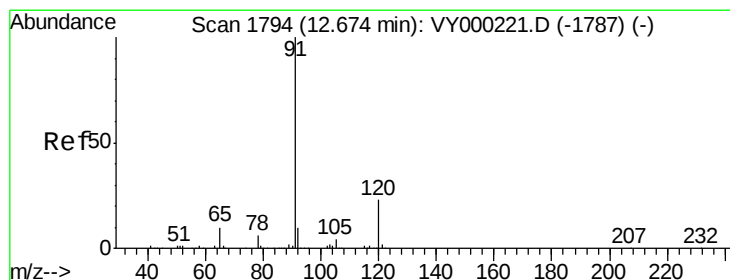
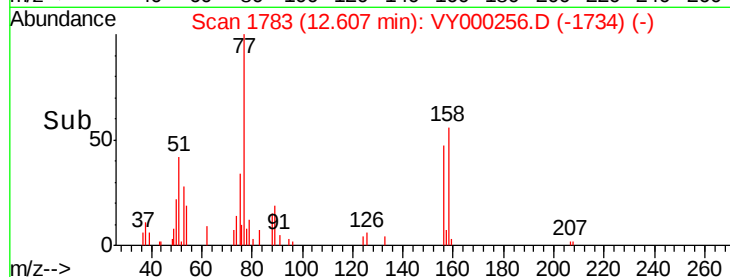
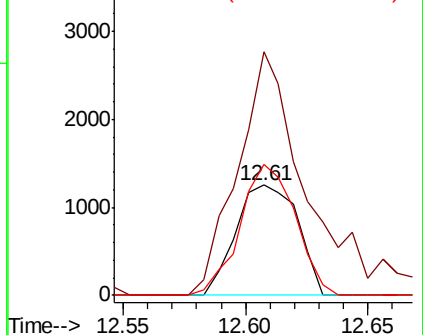
#77
Bromobenzene
Concen: 0.587 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:156 Resp: 2203
Ion Ratio Lower Upper
156 100
77 251.2 118.1 354.3
158 106.6 47.8 143.3

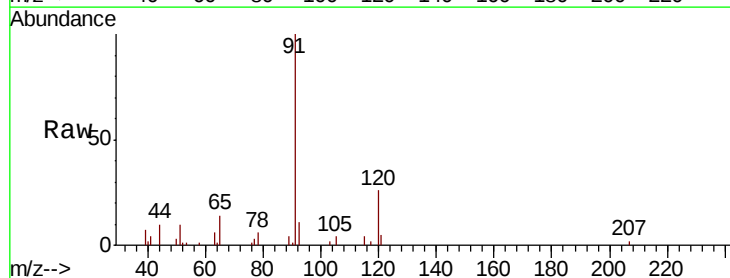


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

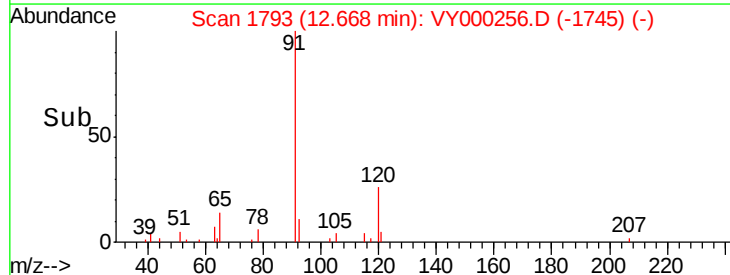
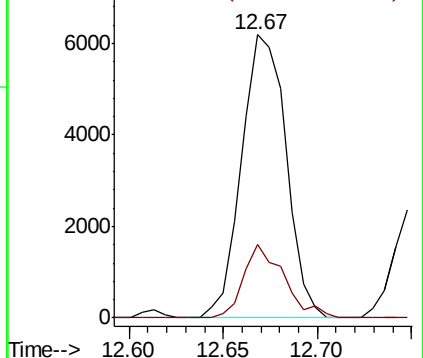


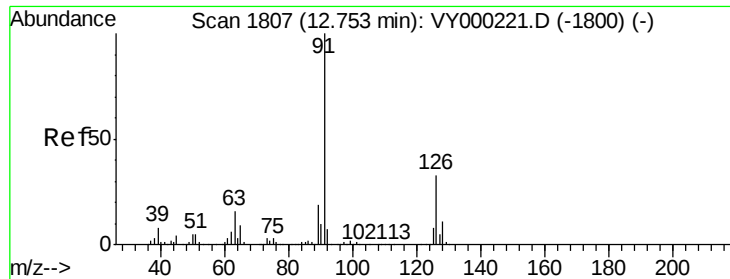
#78
n-propylbenzene
Concen: 0.542 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion: 91 Resp: 10139
Ion Ratio Lower Upper
91 100
120 23.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V

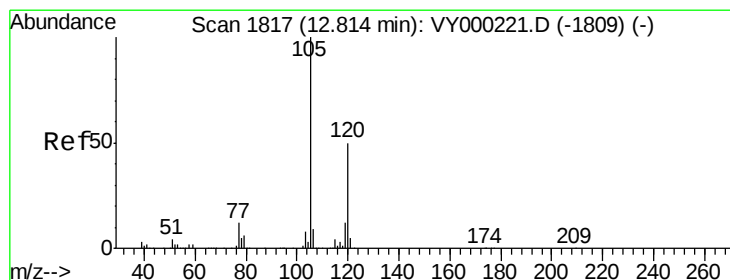
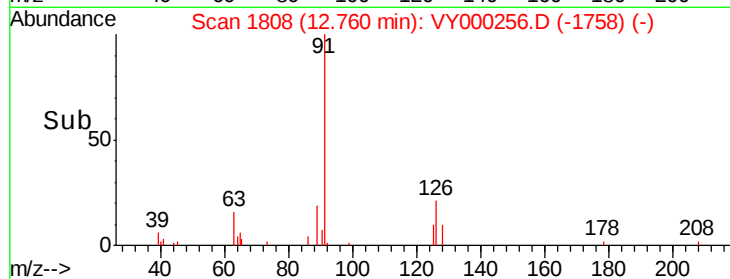
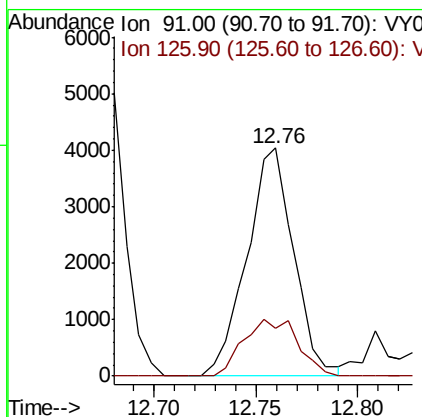
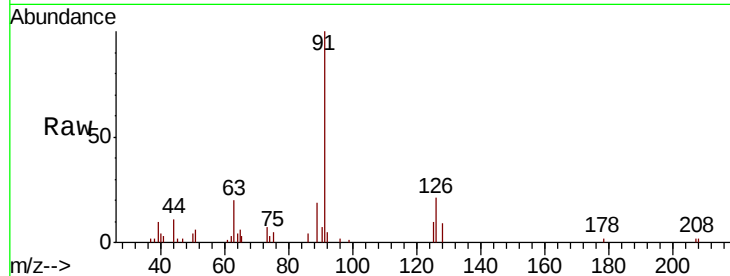




#79
 2-Chlorotoluene
 Concen: 0.601 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

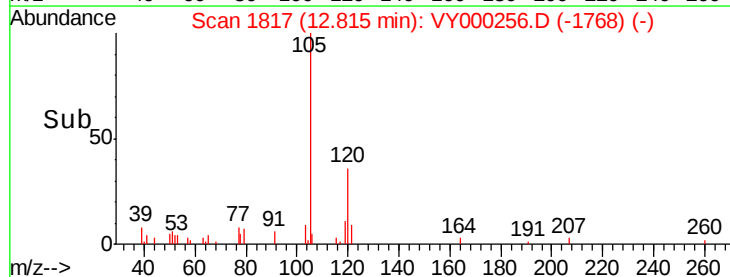
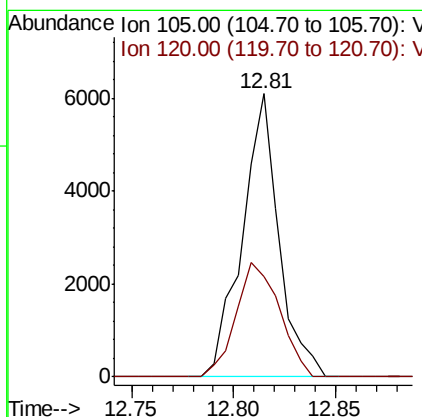
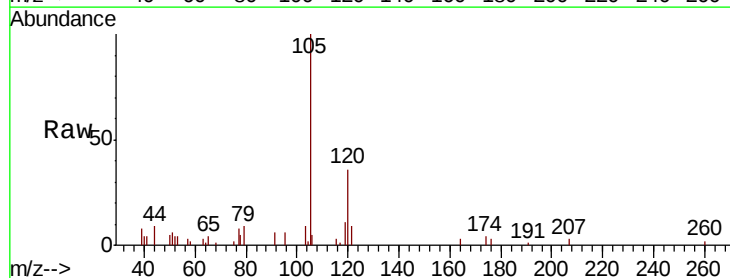
Instrument :
 MSVOA_Y
 ClientSampled :

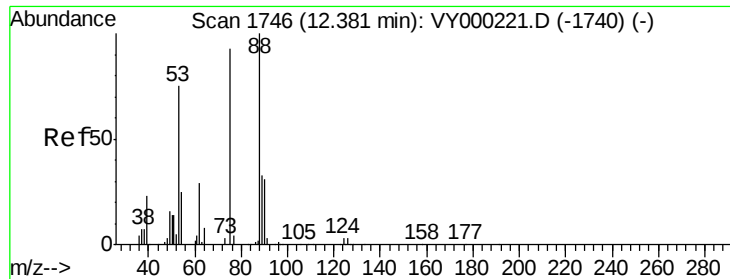
Tot Ion: 91 Resp: 6471
 Ion Ratio Lower Upper
 91 100
 126 28.9 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 0.571 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Tgt Ion: 105 Resp: 7634
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 40.350 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

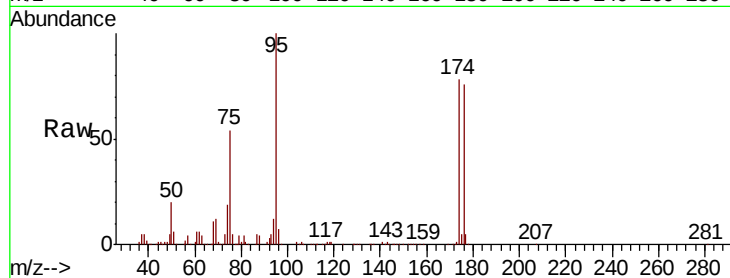
Tot Ion: 75 Resp: 103283

Ion Ratio Lower Upper

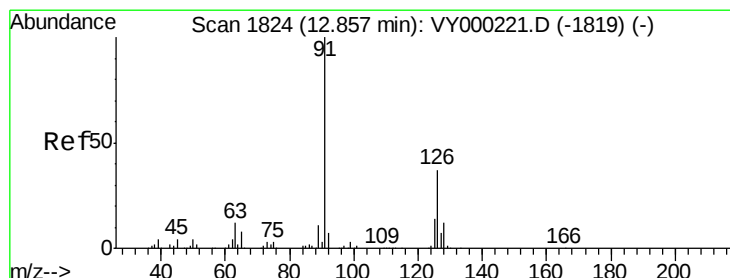
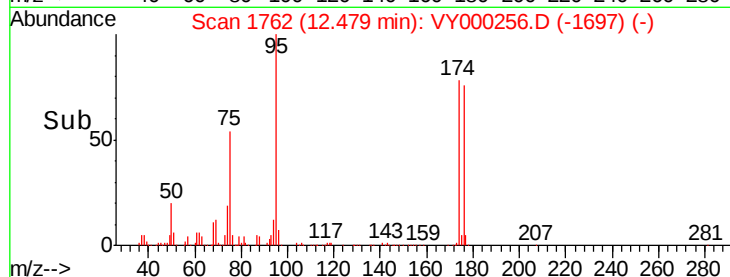
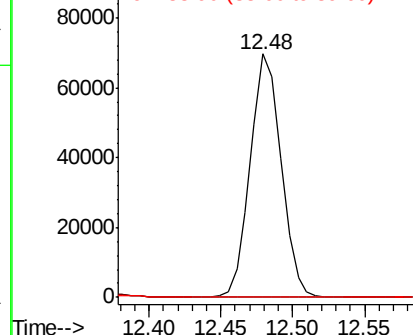
75 100

53 0.0 66.5 99.7#

89 0.0 46.9 70.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 0.608 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000256.D

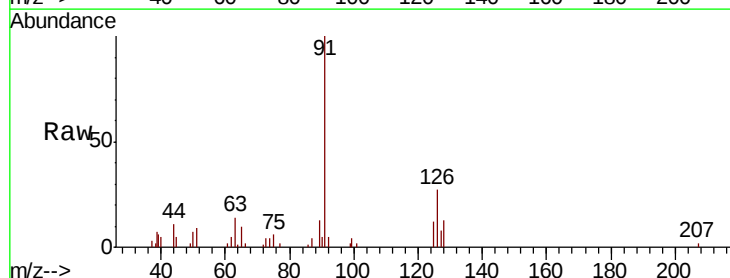
Acq: 10 Oct 2019 16:23

Tgt Ion: 91 Resp: 6635

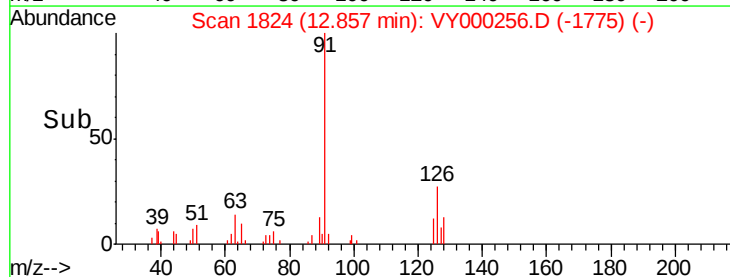
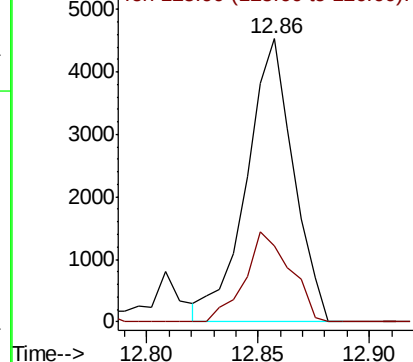
Ion Ratio Lower Upper

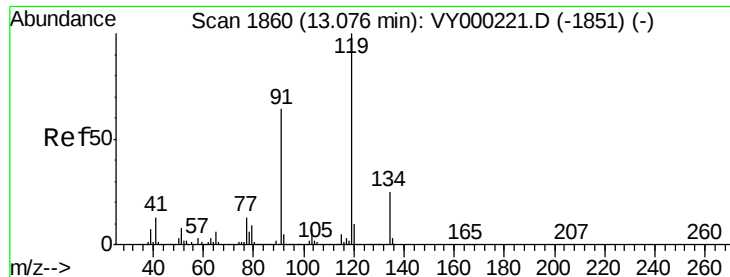
91 100

126 30.9 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): VY0

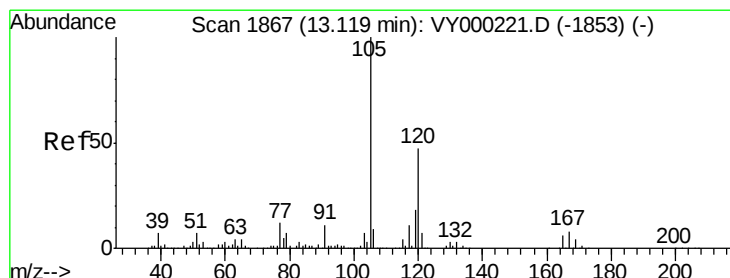
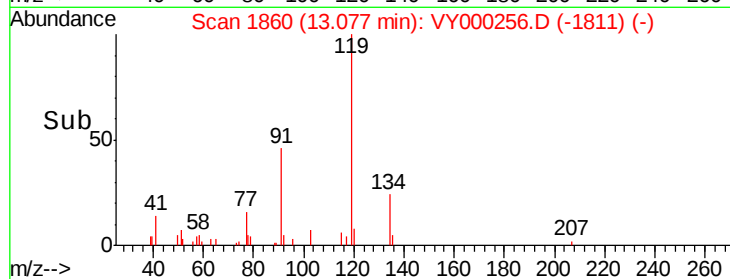
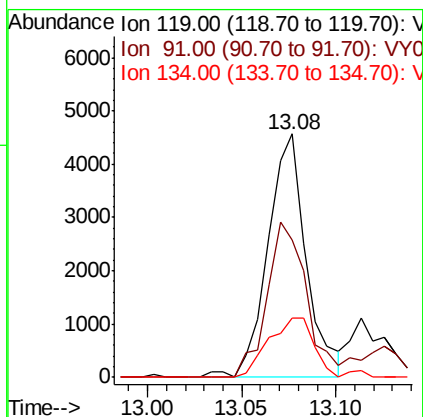
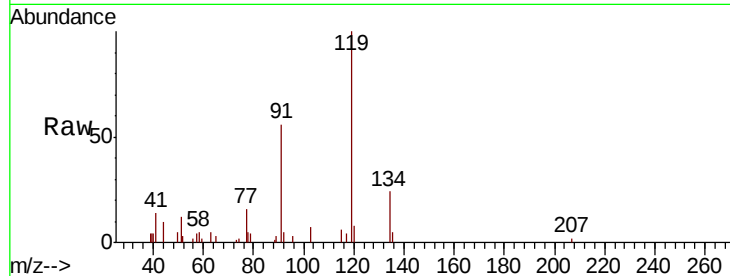




#83
tert-Butylbenzene
Concen: 0.556 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

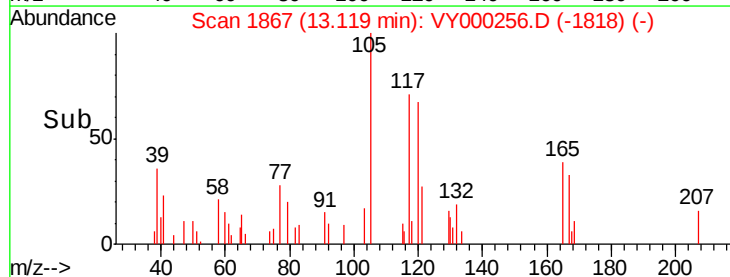
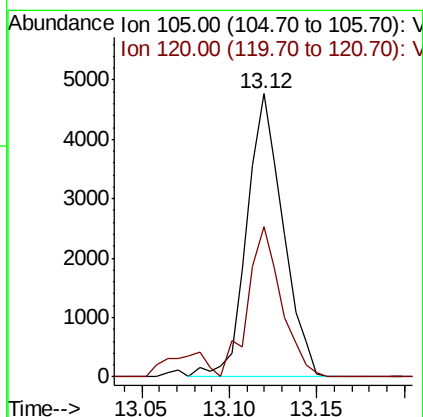
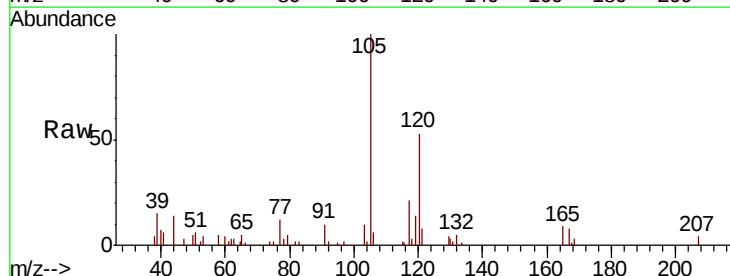
Instrument :
MSVOA_Y
ClientSampleId :

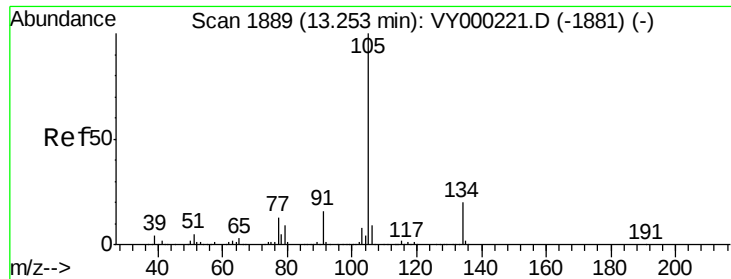
Tot Ion:119 Resp: 6453
Ion Ratio Lower Upper
119 100
91 65.3 32.4 97.2
134 28.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 0.513 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion:105 Resp: 6846
Ion Ratio Lower Upper
105 100
120 49.2 22.8 68.3





#85

sec-Butylbenzene

Concen: 0.517 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

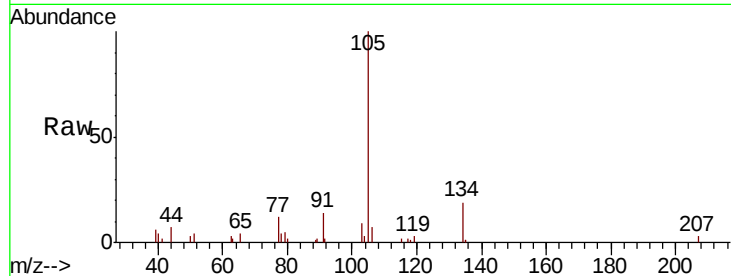
ClientSampleId :

Tot Ion:105 Resp: 8270

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

6000

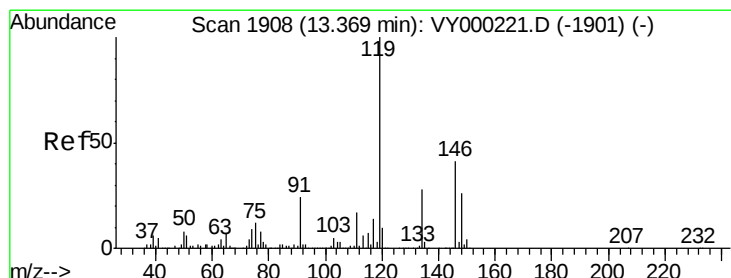
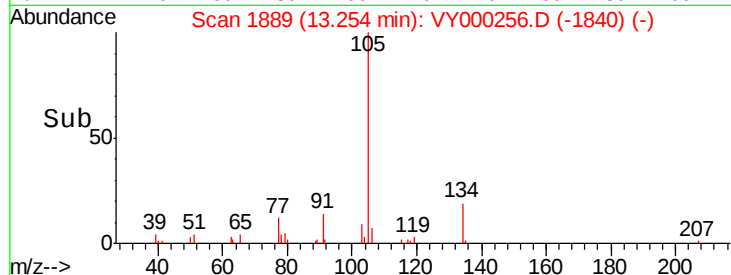
4000

2000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 0.523 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

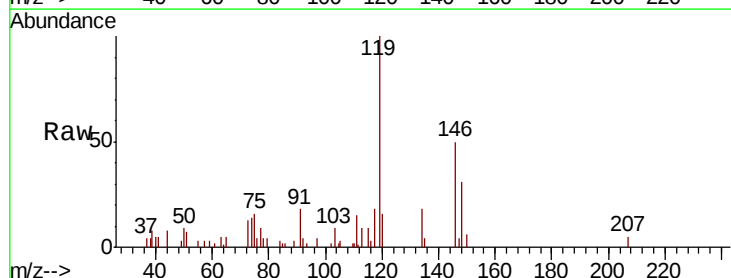
Tgt Ion:119 Resp: 7358

Ion Ratio Lower Upper

119 100

134 25.2 13.3 39.9

91 23.2 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

6000

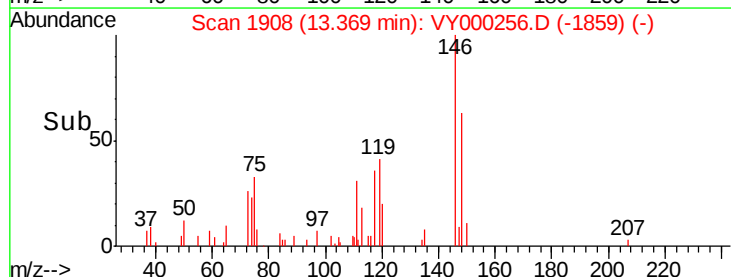
4000

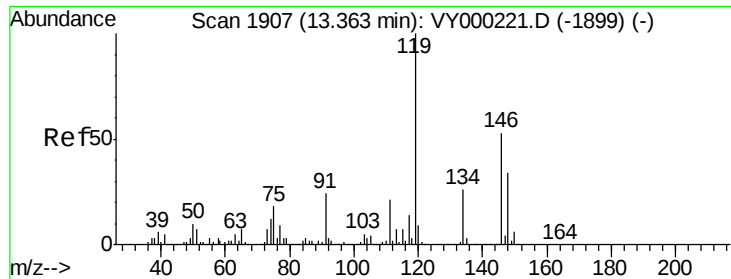
2000

0

13.30 13.35 13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 0.629 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

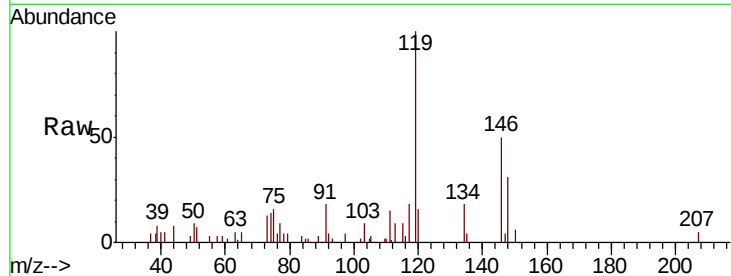
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:146 Resp: 4278

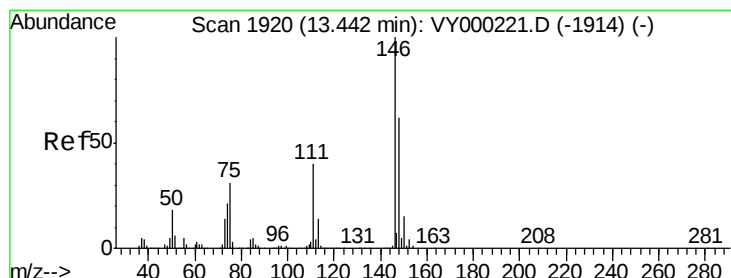
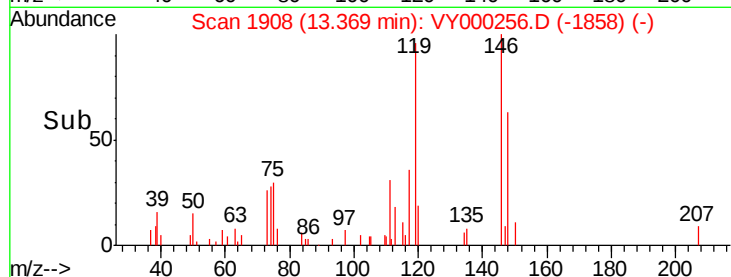
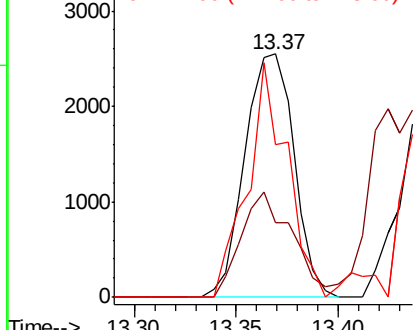
Ion	Ratio	Lower	Upper
146	100		
111	44.4	20.3	60.8
148	77.7	31.7	95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.604 ug/l

RT: 13.37 min Scan# 1908

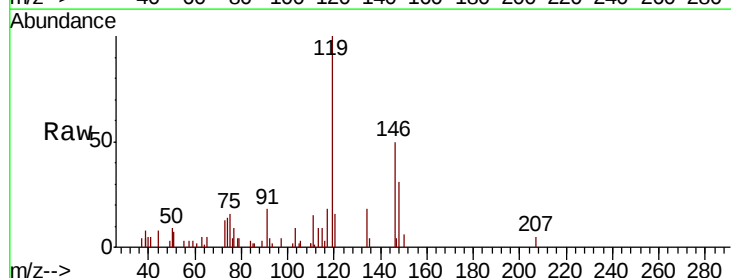
Delta R.T. -0.07 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Tgt Ion:146 Resp: 4278

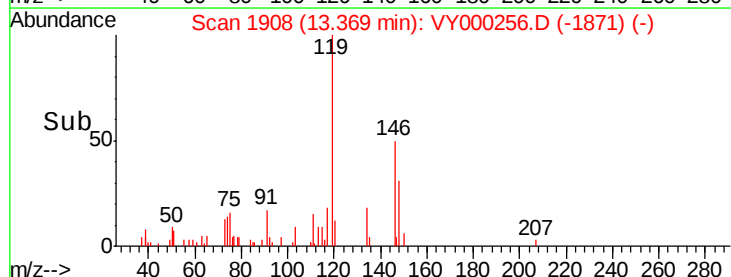
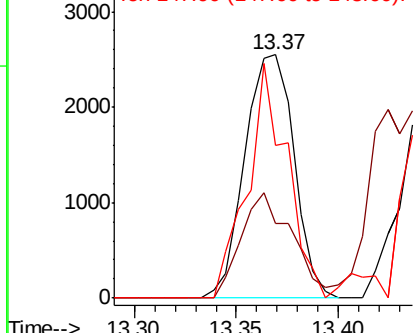
Ion	Ratio	Lower	Upper
146	100		
111	44.4	19.8	59.3
148	77.7	31.6	94.8

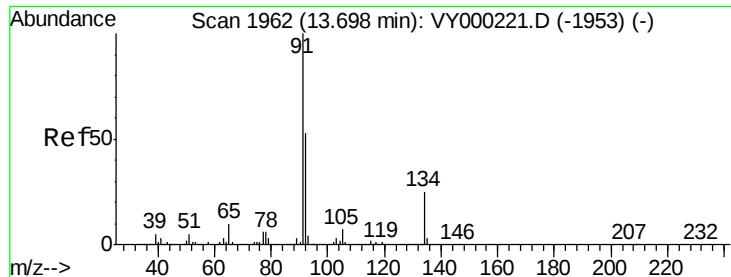


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.516 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

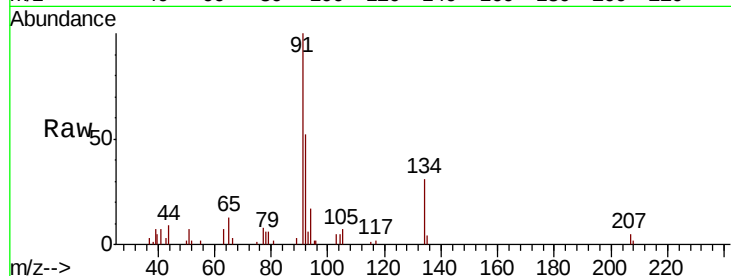
Tot Ion: 91 Resp: 6845

Ion Ratio Lower Upper

91 100

92 51.7 27.0 80.8

134 25.6 12.8 38.4

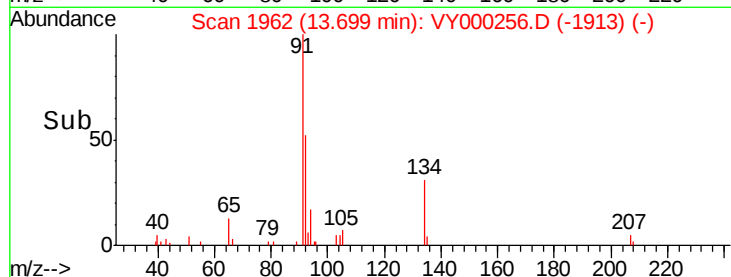


Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY000221.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY000221.D (-1953) (-)

Time-->

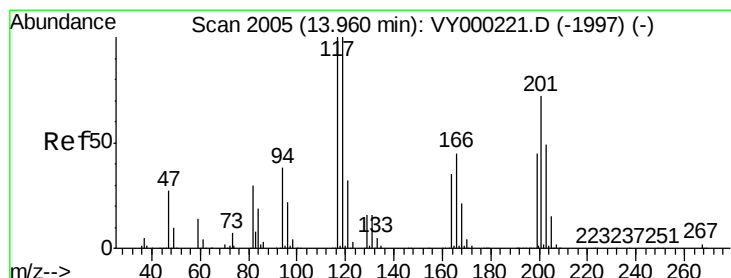


Abundance Ion 91.00 (90.70 to 91.70): VY000256.D (-1913) (-)

Ion 92.00 (91.70 to 92.70): VY000256.D (-1913) (-)

Ion 134.00 (133.70 to 134.70): VY000256.D (-1913) (-)

Time-->



#90

Hexachloroethane

Concen: 0.537 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY000256.D

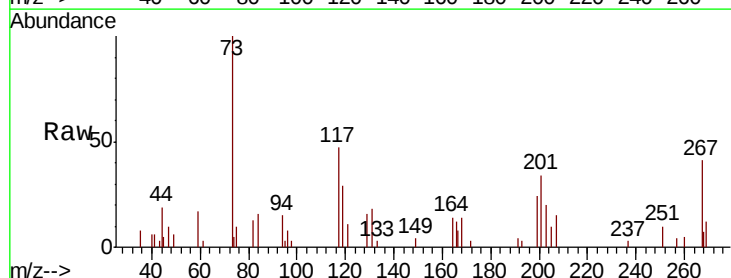
Acq: 10 Oct 2019 16:23

Tgt Ion: 117 Resp: 1430

Ion Ratio Lower Upper

117 100

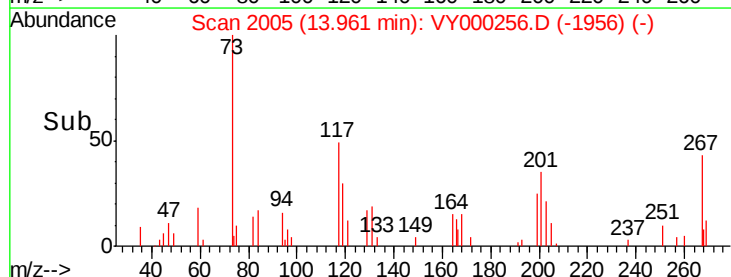
201 66.6 35.5 106.5



Abundance Ion 116.80 (116.50 to 117.50): VY000221.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY000221.D (-1997) (-)

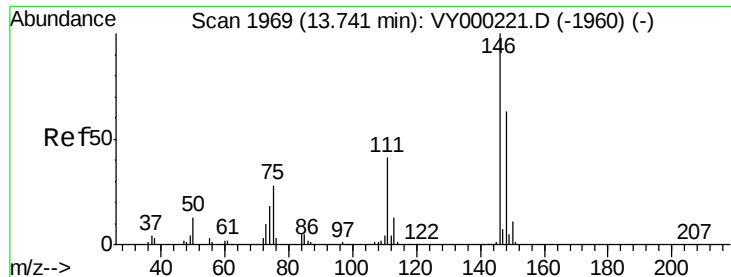
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VY000256.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY000256.D (-1956) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.531 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

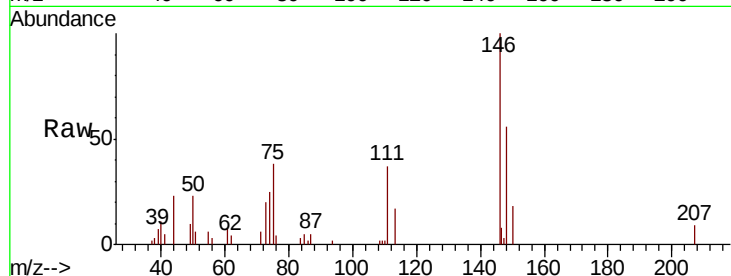
Tot Ion:146 Resp: 3655

Ion Ratio Lower Upper

146 100

111 50.5 20.9 62.8

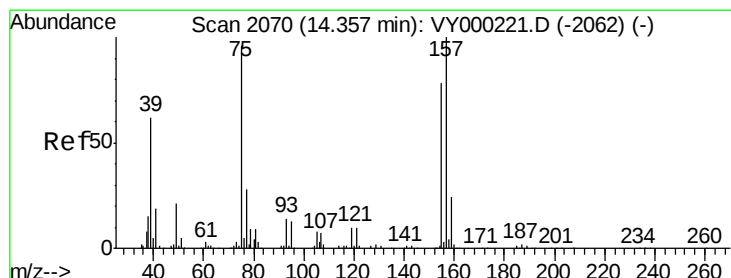
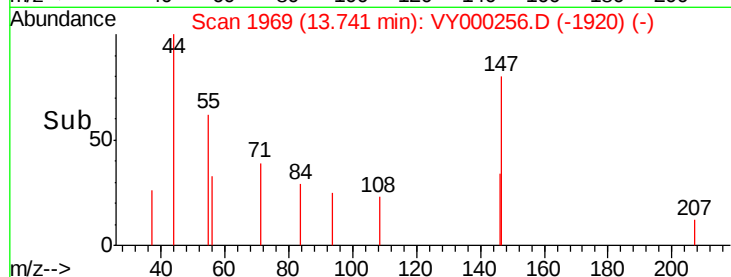
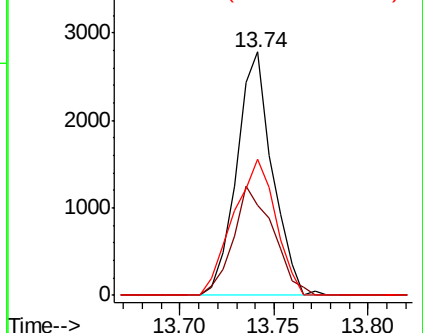
148 66.2 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.420 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

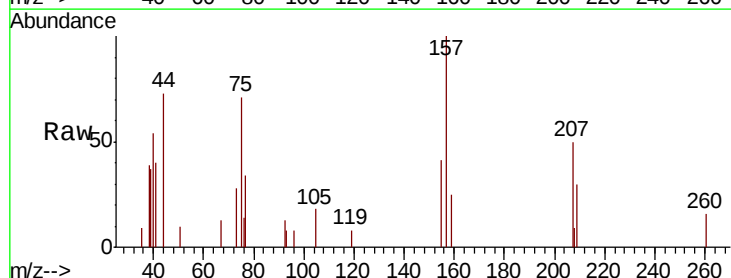
Tgt Ion: 75 Resp: 928

Ion Ratio Lower Upper

75 100

155 84.3 42.4 127.3

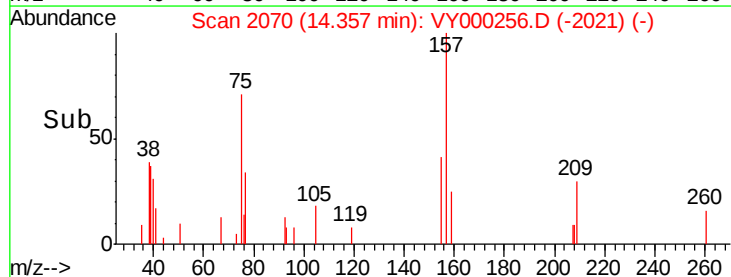
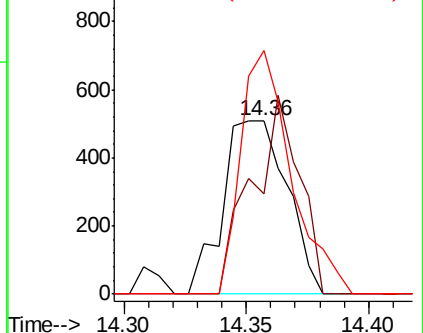
157 110.7 53.8 161.5

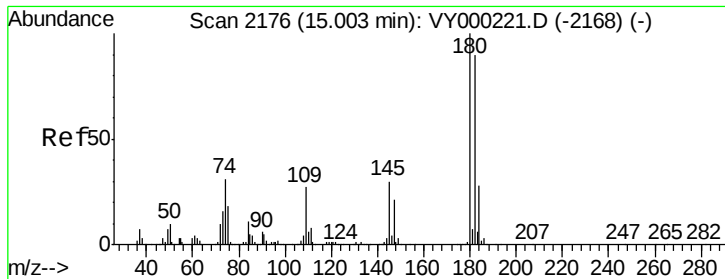


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

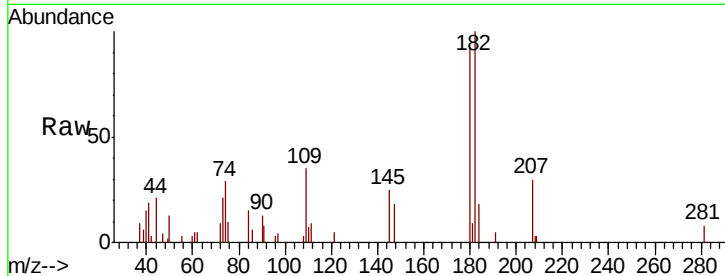




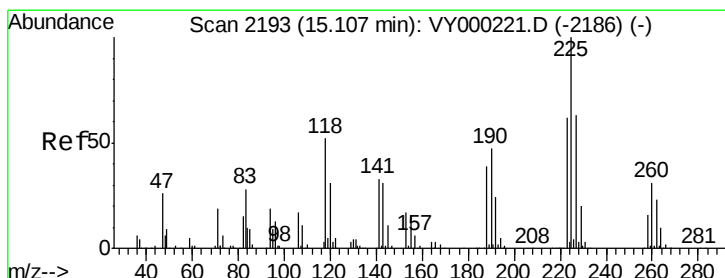
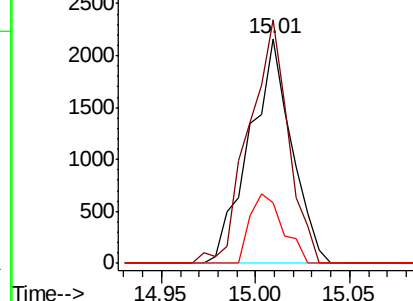
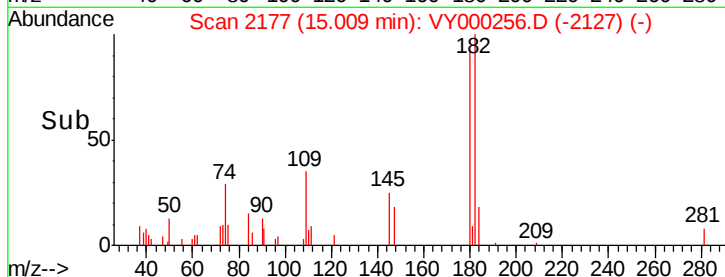
#93
 1,2,4-Trichlorobenzene
 Concen: 0.717 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.3	47.2	141.6
145	24.4	15.3	45.8

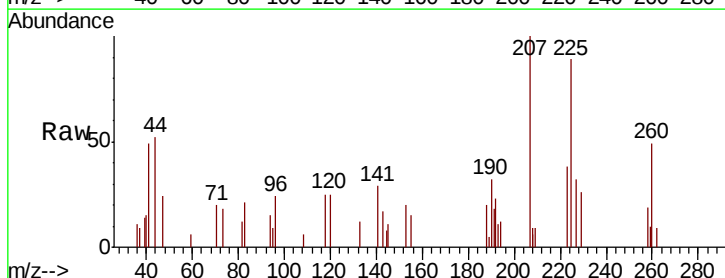


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

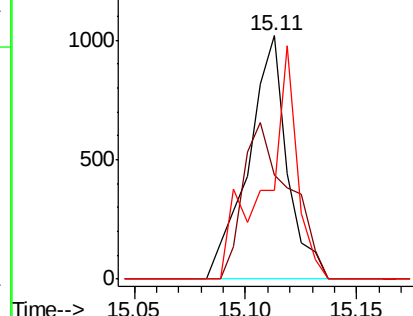
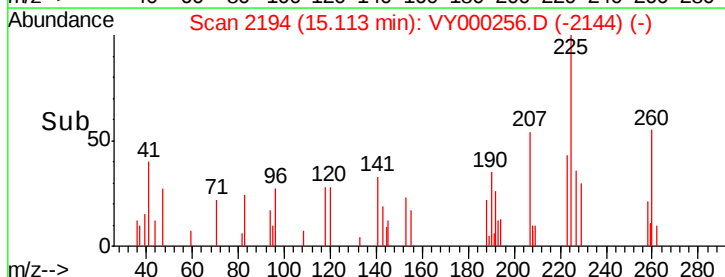


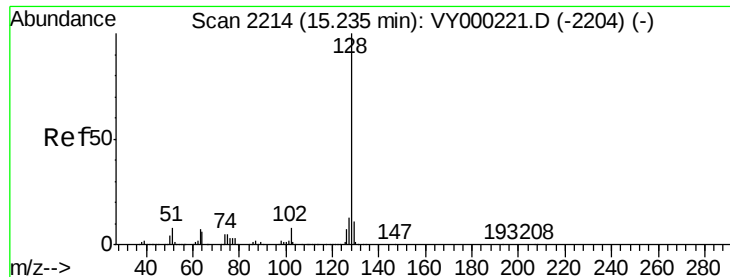
#94
 Hexachlorobutadiene
 Concen: 0.559 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	76.5	31.9	95.5
227	78.7	31.5	94.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

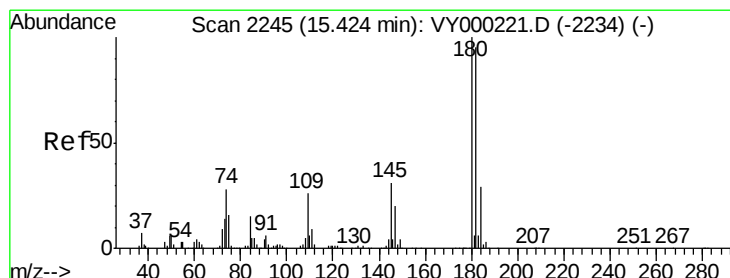
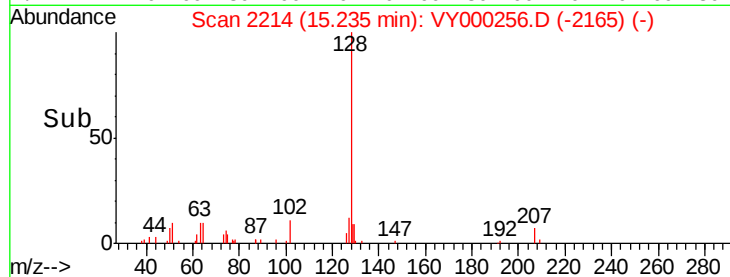
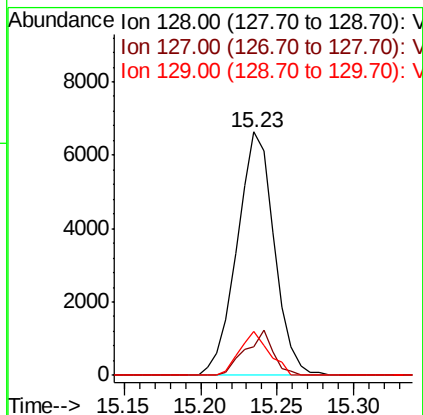
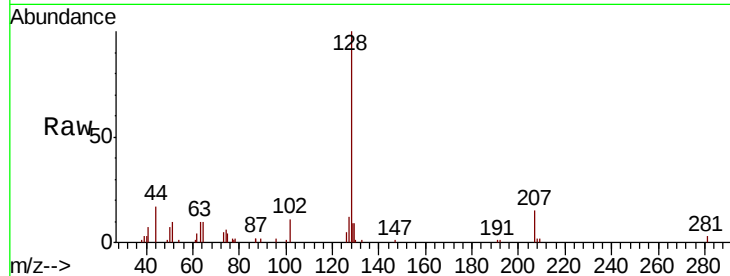




#95
Naphthalene
Concen: 0.635 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 11161
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 14.2 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.711 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion:180 Resp: 3197
Ion Ratio Lower Upper
180 100
182 79.8 47.9 143.7
145 42.7 16.3 48.9

