

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

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 05:53:42 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	263699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	445113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	385721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	176273	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	173989	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
35) Dibromofluoromethane	7.73	113	136844	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
50) Toluene-d8	10.19	98	508529	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
62) 4-Bromofluorobenzene	12.49	95	177915	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	1239	0.471	ug/l	91
3) Chloromethane	2.12	50	2115	0.590	ug/l #	83
4) Vinyl Chloride	2.25	62	1684	0.455	ug/l #	88
5) Bromomethane	2.65	94	1722	0.737	ug/l	83
6) Chloroethane	2.79	64	1258	0.538	ug/l #	16
7) Trichlorofluoromethane	3.13	101	2173	0.454	ug/l #	78
8) Diethyl Ether	3.52	74	1284	0.587	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.91	101	1183	0.424	ug/l #	90
10) Methyl Iodide	4.09	142	781	0.744	ug/l #	82
11) Tert butyl alcohol	4.95	59	4818	2.615	ug/l #	90
12) 1,1-Dichloroethene	3.88	96	1492	0.515	ug/l #	49
13) Acrolein	3.74	56	3102	3.207	ug/l	97
14) Allyl chloride	4.49	41	2950	0.604	ug/l	95
15) Acrylonitrile	5.18	53	9104	2.799	ug/l	96
16) Acetone	3.96	43	8603	3.203	ug/l	91
17) Carbon Disulfide	4.19	76	4461	0.522	ug/l #	33
18) Methyl Acetate	4.50	43	4231	0.575	ug/l #	65
19) Methyl tert-butyl Ether	5.24	73	5405	0.510	ug/l #	77
20) Methylene Chloride	4.74	84	2188	0.620	ug/l #	71
21) trans-1,2-Dichloroethene	5.23	96	1693	0.519	ug/l #	67
22) Diisopropyl ether	6.12	45	3031	0.268	ug/l #	43
23) Vinyl Acetate	6.07	43	23473	4.384	ug/l	96
24) 1,1-Dichloroethane	6.03	63	1799	0.312	ug/l #	96
25) 2-Butanone	7.00	43	12515	2.518	ug/l	100
26) 2,2-Dichloropropane	6.99	77	3804	0.730	ug/l #	58
27) cis-1,2-Dichloroethene	6.99	96	903	0.235	ug/l #	1
28) Bromochloromethane	7.35	49	1403	0.738	ug/l #	90
29) Tetrahydrofuran	7.36	42	8887	2.532	ug/l	94
30) Chloroform	7.52	83	3426	0.572	ug/l #	73
31) Cyclohexane	7.80	56	7748	1.329	ug/l #	23
32) 1,1,1-Trichloroethane	7.72	97	2832	0.556	ug/l #	49
36) 1,1-Dichloropropene	7.94	75	2647	0.584	ug/l #	94
37) Ethyl Acetate	7.09	43	4805	0.587	ug/l #	88
38) Carbon Tetrachloride	7.91	117	2210	0.501	ug/l #	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	2341	0.412	ug/l	92
40) Benzene	8.16	78	6615	0.481	ug/l	91
41) Methacrylonitrile	7.33	41	1679	0.261	ug/l #	60
42) 1,2-Dichloroethane	8.25	62	2765	0.620	ug/l	100
43) Isopropyl Acetate	8.29	43	5234	0.497	ug/l #	88
44) Trichloroethene	8.96	130	2052	0.551	ug/l	97
45) 1,2-Dichloropropane	9.22	63	1686	0.490	ug/l	92
46) Dibromomethane	9.32	93	1469	0.609	ug/l #	88
47) Bromodichloromethane	9.50	83	2436	0.516	ug/l #	76
48) Methyl methacrylate	9.30	41	2749	0.578	ug/l	94
49) 1,4-Dioxane	9.32	88	1230	10.073	ug/l #	84
51) 4-Methyl-2-Pentanone	10.08	43	19101	2.412	ug/l	100
52) Toluene	10.25	92	4744	0.538	ug/l	91
53) t-1,3-Dichloropropene	10.47	75	2257	0.422	ug/l	92
54) cis-1,3-Dichloropropene	9.94	75	2873	0.496	ug/l #	87
55) 1,1,2-Trichloroethane	10.65	97	1925	0.554	ug/l #	90
56) Ethyl methacrylate	10.52	69	2680	0.438	ug/l #	83
57) 1,3-Dichloropropane	10.80	76	3153	0.531	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	7201	2.641	ug/l	97
59) 2-Hexanone	10.84	43	15668	Below Cal		98
60) Dibromochloromethane	10.99	129	1574	0.428	ug/l	100
61) 1,2-Dibromoethane	11.09	107	1729	0.468	ug/l	88
64) Tetrachloroethene	10.72	164	1955	0.555	ug/l	90
65) Chlorobenzene	11.52	112	4345	0.486	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	1762	0.551	ug/l #	56
67) Ethyl Benzene	11.60	91	7943	0.497	ug/l	97
68) m/p-Xylenes	11.70	106	5607	0.920	ug/l	96
69) o-Xylene	12.03	106	3037	0.517	ug/l	91
70) Styrene	12.05	104	4522	0.447	ug/l	95
71) Bromoform	12.20	173	1499	0.568	ug/l #	99
73) Isopropylbenzene	12.33	105	6781	0.454	ug/l	96
74) N-amyl acetate	12.14	43	3223	0.534	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.58	83	2584	0.507	ug/l	90
76) 1,2,3-Trichloropropane	12.64	75	4167	0.895	ug/l #	100
77) Bromobenzene	12.61	156	1851	0.528	ug/l	90
78) n-propylbenzene	12.67	91	8204	0.470	ug/l	99
79) 2-Chlorotoluene	12.76	91	5059	0.504	ug/l	93
80) 1,3,5-Trimethylbenzene	12.81	105	5839	0.468	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.49	75	93531	39.186	ug/l #	14
82) 4-Chlorotoluene	12.86	91	5381	0.529	ug/l	100
83) tert-Butylbenzene	13.08	119	5042	0.465	ug/l	91
84) 1,2,4-Trimethylbenzene	13.12	105	5341	0.429	ug/l	94
85) sec-Butylbenzene	13.25	105	6745	0.452	ug/l	89
86) p-Isopropyltoluene	13.37	119	5600	0.426	ug/l	95
87) 1,3-Dichlorobenzene	13.37	146	3354	0.528	ug/l	97
88) 1,4-Dichlorobenzene	13.37	146	3354	0.507	ug/l	97
89) n-Butylbenzene	13.69	91	5693	0.460	ug/l	97
90) Hexachloroethane	13.96	117	1282	0.516	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	3147	0.490	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.36	75	1104	0.558	ug/l	63

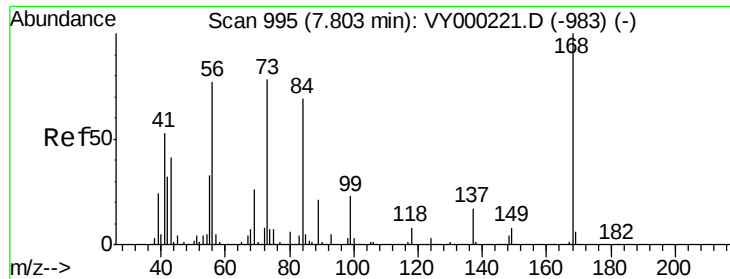
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
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Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

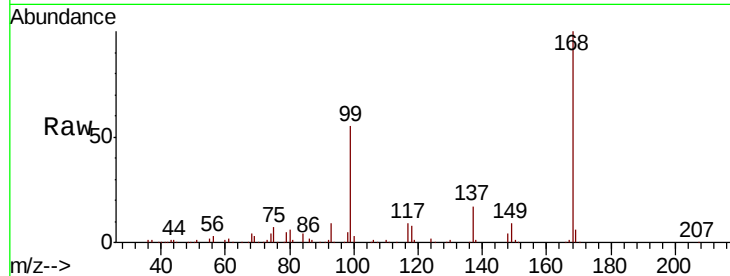
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 263699

Ion Ratio Lower Upper

168 100

99 55.4 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) (-)

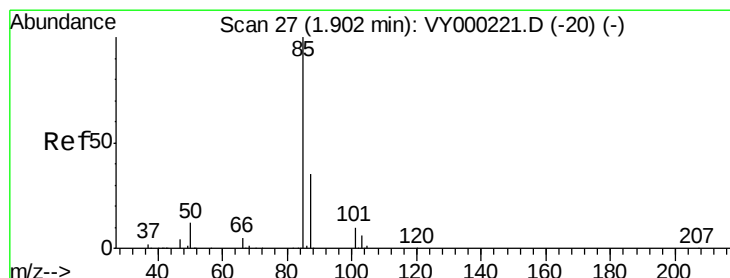
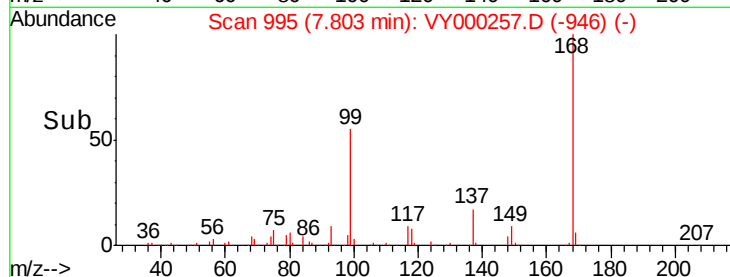
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.471 ug/l

RT: 1.90 min Scan# 26

Delta R.T. -0.01 min

Lab File: VY000257.D

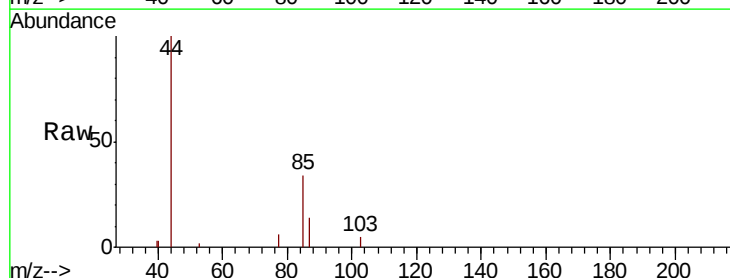
Acq: 10 Oct 2019 16:45

Tgt Ion: 85 Resp: 1239

Ion Ratio Lower Upper

85 100

87 40.0 17.4 52.2



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

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

1.90

1000

800

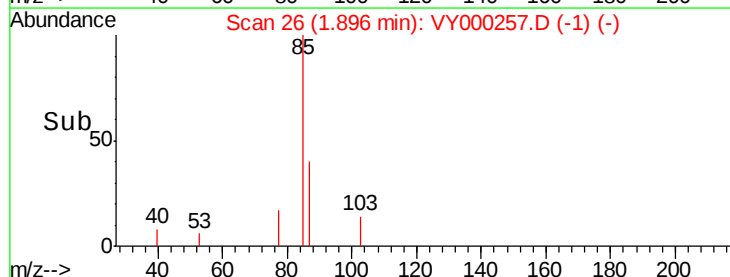
600

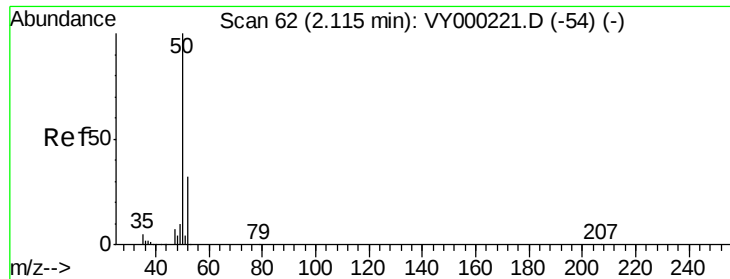
400

200

0

Time-->





#3

Chloromethane

Concen: 0.590 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

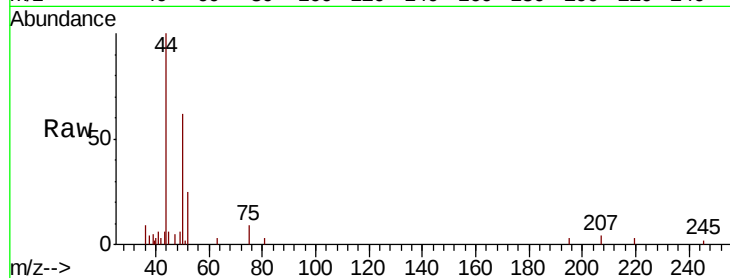
ClientSampleId :

Tot Ion: 50 Resp: 2115

Ion Ratio Lower Upper

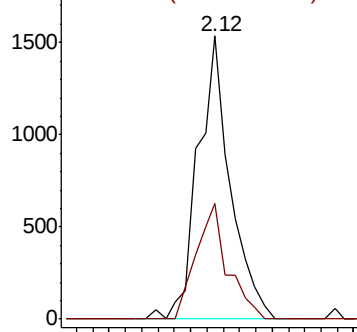
50 100

52 41.0 25.4 38.0#

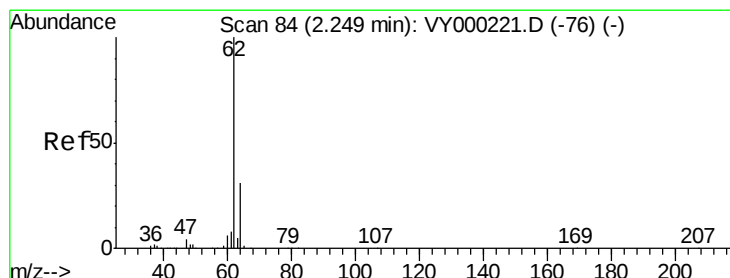
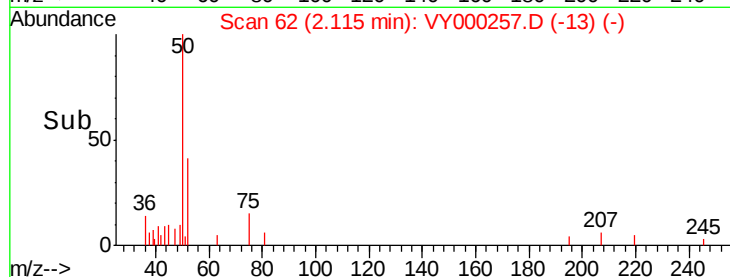


Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



Time-->



#4

Vinyl Chloride

Concen: 0.455 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000257.D

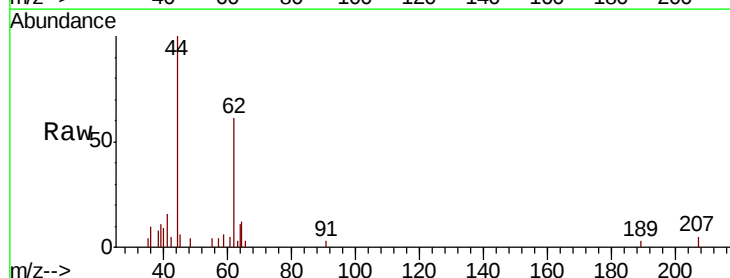
Acq: 10 Oct 2019 16:45

Tgt Ion: 62 Resp: 1684

Ion Ratio Lower Upper

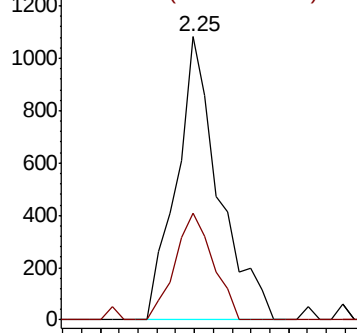
62 100

64 37.8 25.0 37.6#

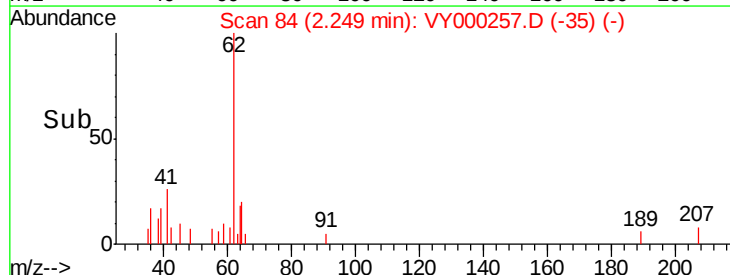


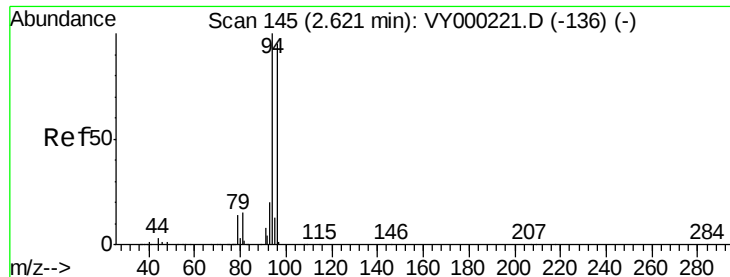
Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0



Time-->





#5

Bromomethane

Concen: 0.737 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.03 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

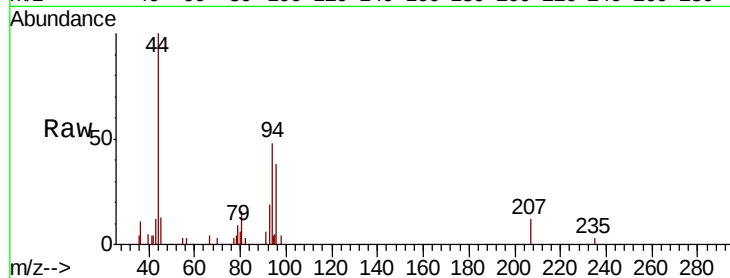
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 1722

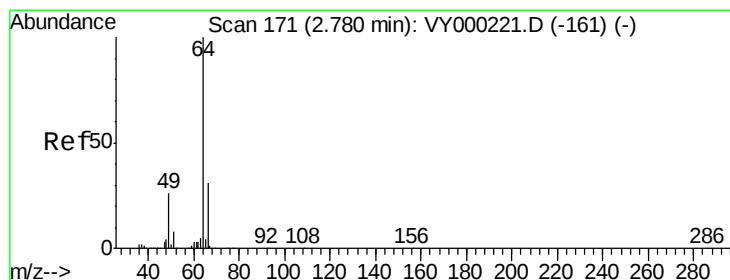
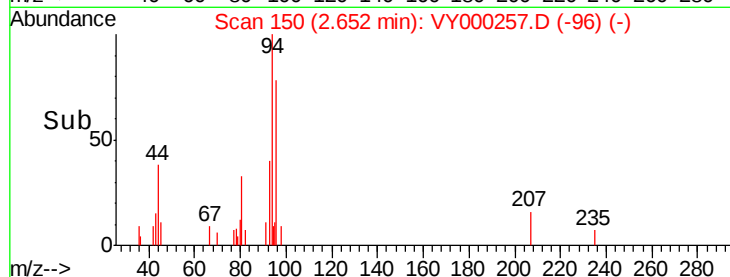
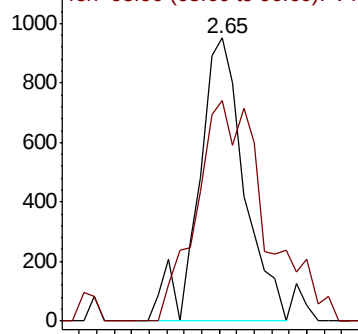
Ion Ratio Lower Upper

94 100

96 77.9 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: 0.538 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.01 min

Lab File: VY000257.D

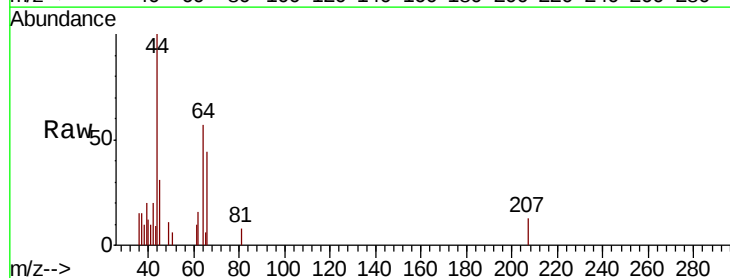
Acq: 10 Oct 2019 16:45

Tgt Ion: 64 Resp: 1258

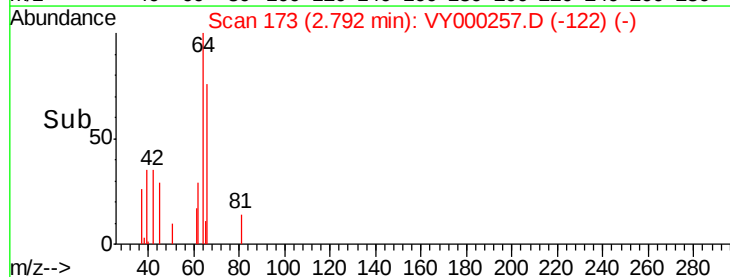
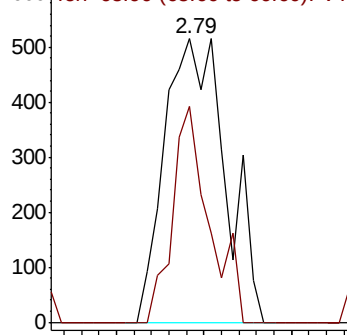
Ion Ratio Lower Upper

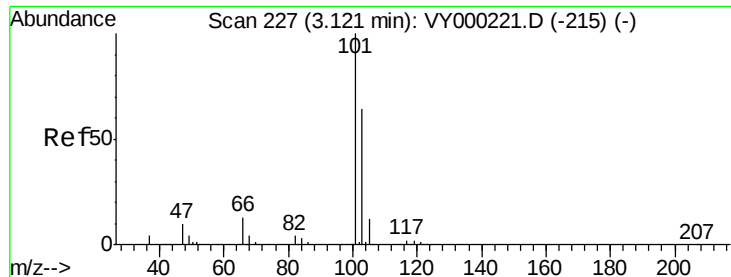
64 100

66 76.3 24.5 36.7#



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



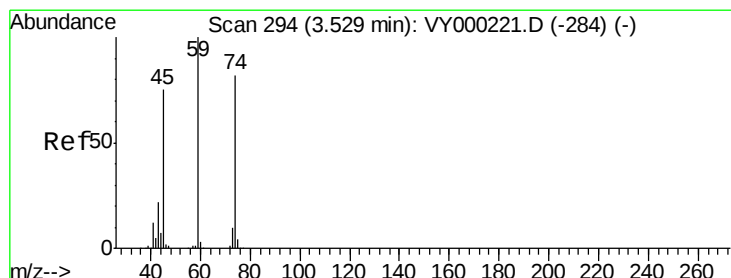
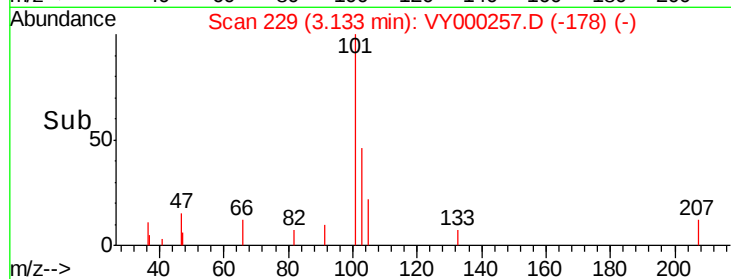
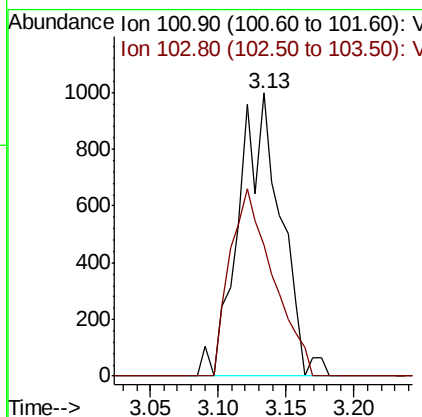
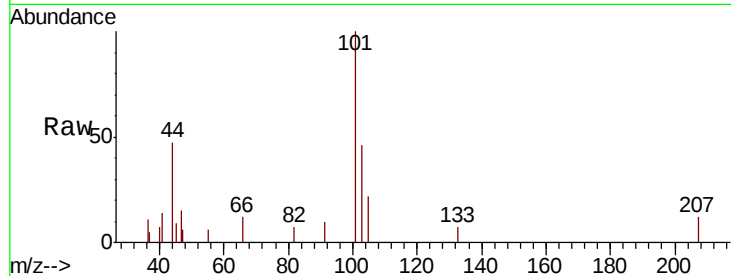


#7

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

Instrument :
 MSVOA_Y
 ClientSampled :

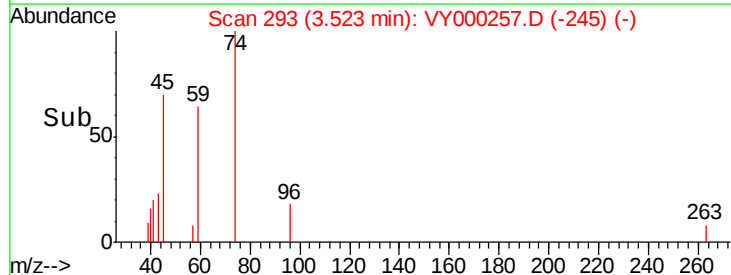
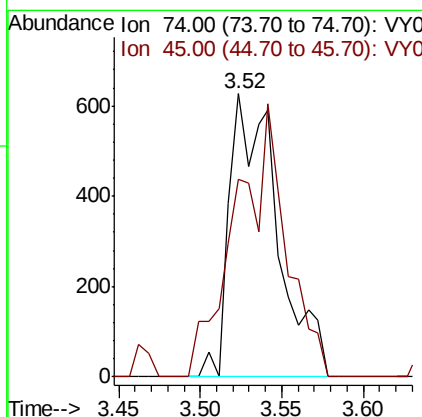
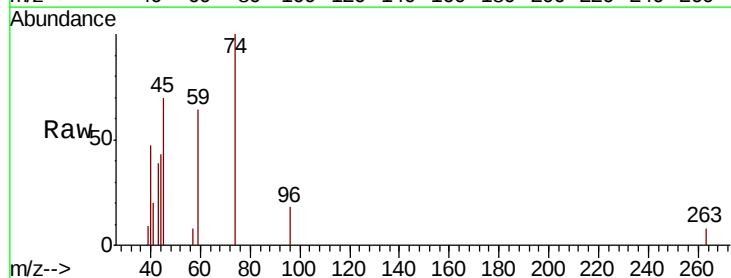
Tot Ion:101 Resp: 2173
 Ion Ratio Lower Upper
 101 100
 103 46.5 51.0 76.6#

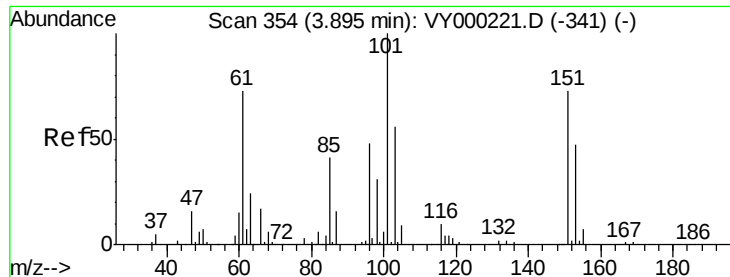


#8

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

Tgt Ion: 74 Resp: 1284
 Ion Ratio Lower Upper
 74 100
 45 100.9 45.8 137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.424 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.02 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampled :

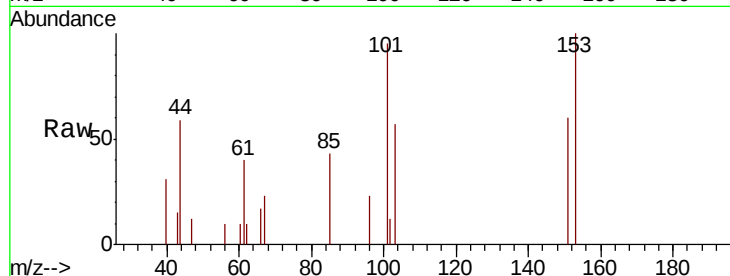
Tot Ion:101 Resp: 1183

Ion Ratio Lower Upper

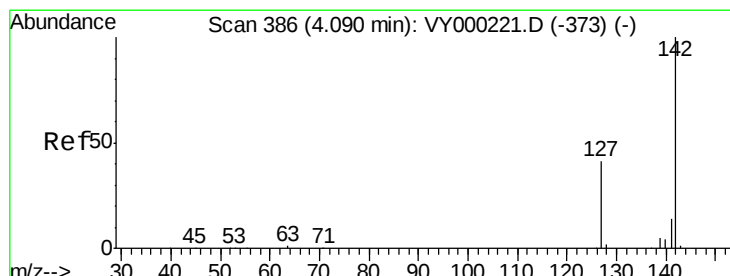
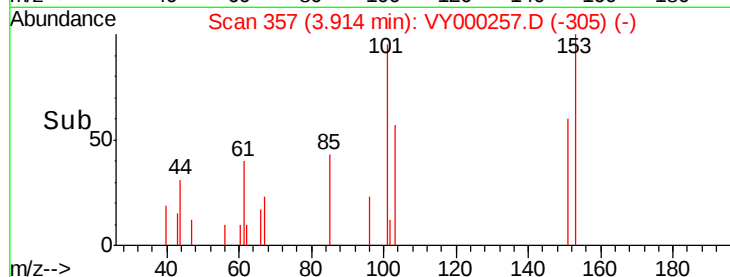
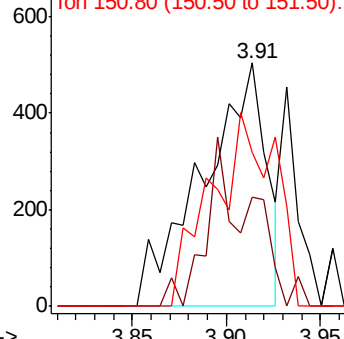
101 100

85 29.2 37.0 55.6#

151 79.2 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: 0.744 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

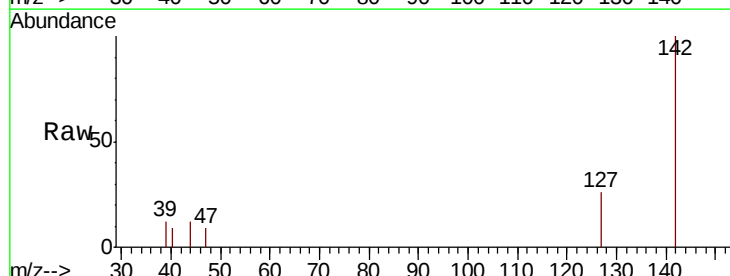
Tgt Ion:142 Resp: 781

Ion Ratio Lower Upper

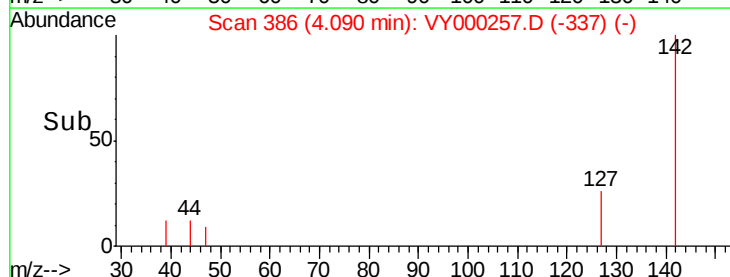
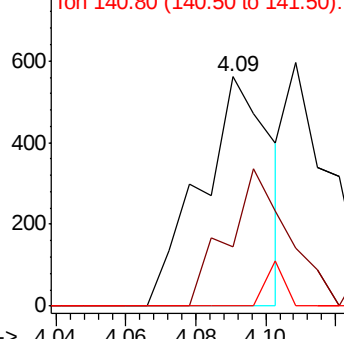
142 100

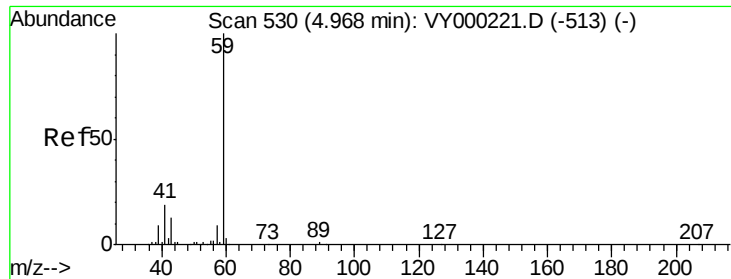
127 52.1 33.0 49.6#

141 5.2 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

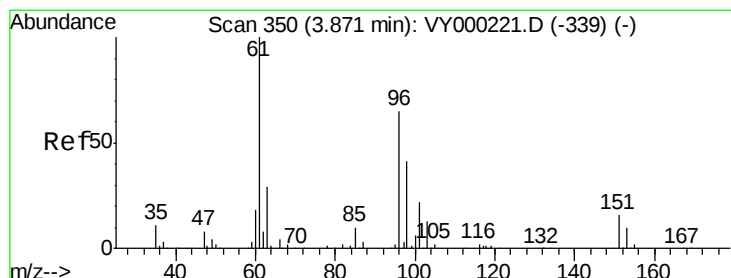
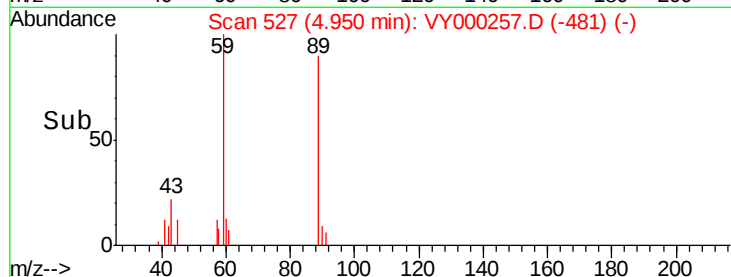
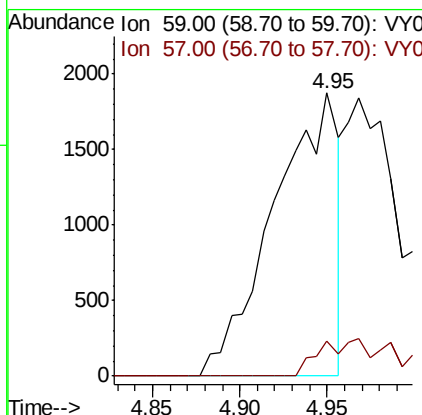
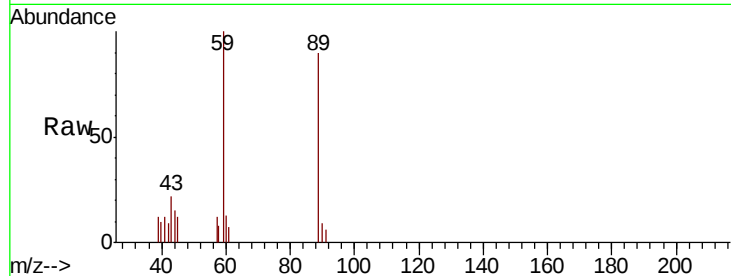




#11
Tert butyl alcohol
Concen: 2.615 ug/l
RT: 4.95 min Scan# 527
Delta R.T. -0.02 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

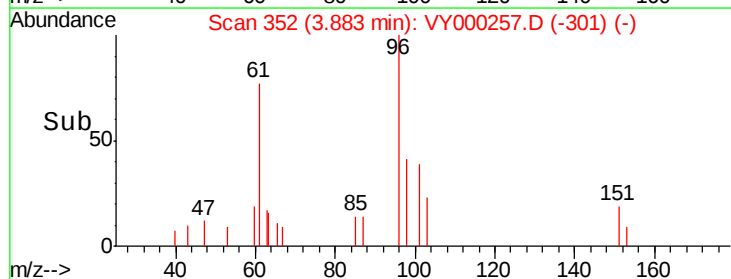
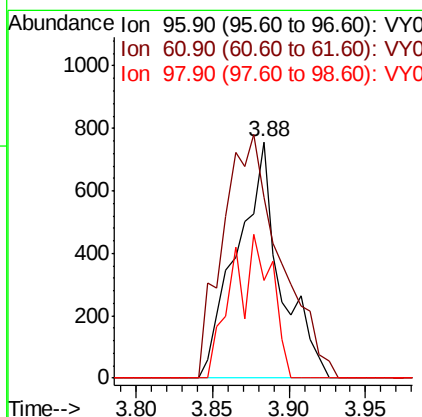
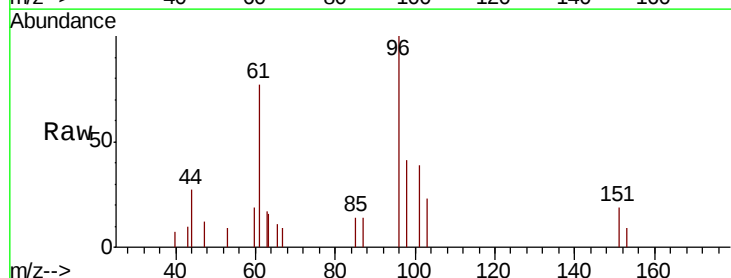
Instrument :
MSVOA_Y
ClientSampleId :

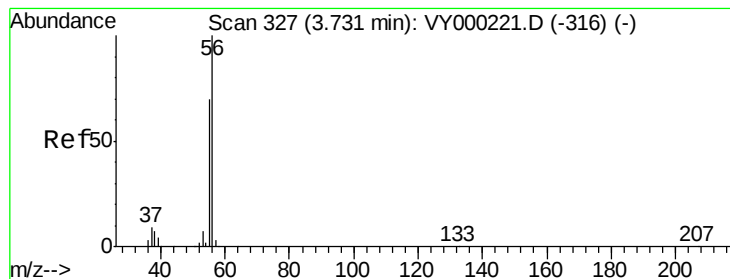
Tot Ion: 59 Resp: 4818
Ion Ratio Lower Upper
59 100
57 13.9 8.0 12.0#



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

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





#13

Acrolein

Concen: 3.207 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

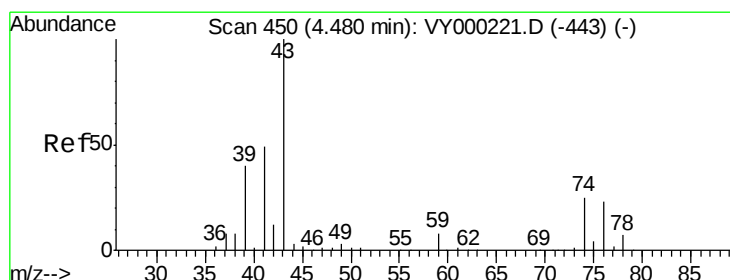
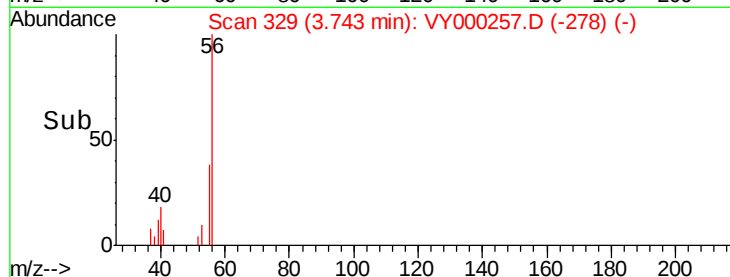
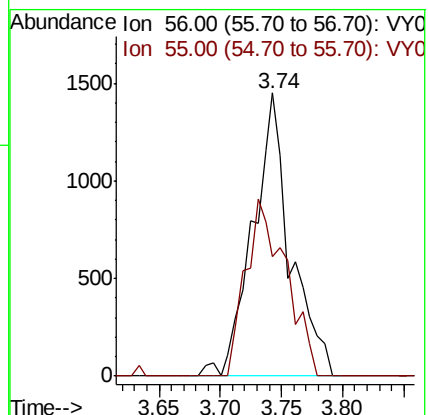
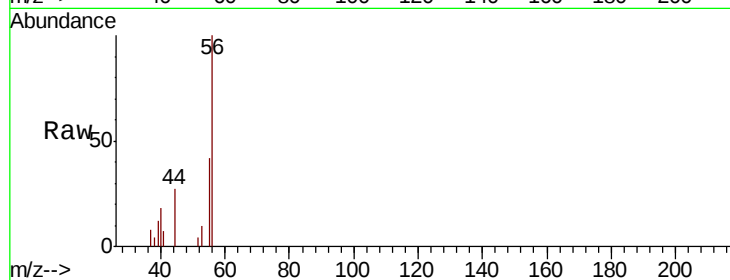
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 3102

Ion Ratio Lower Upper

56 100

55 66.6 55.2 82.8



#14

Allyl chloride

Concen: 0.604 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

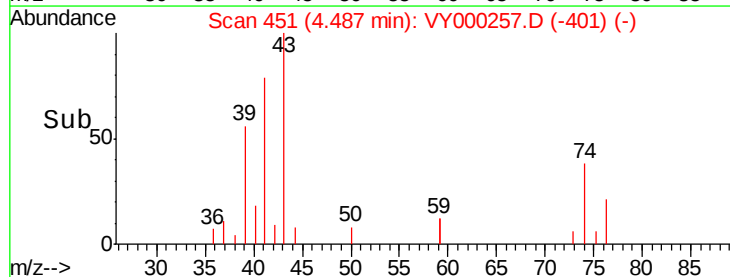
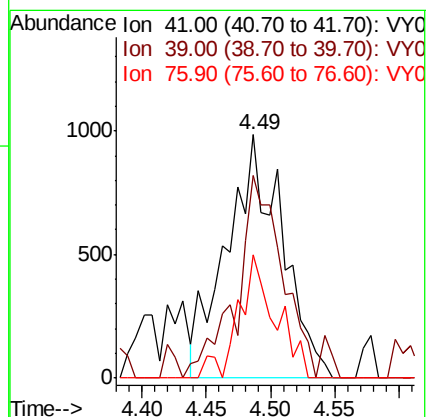
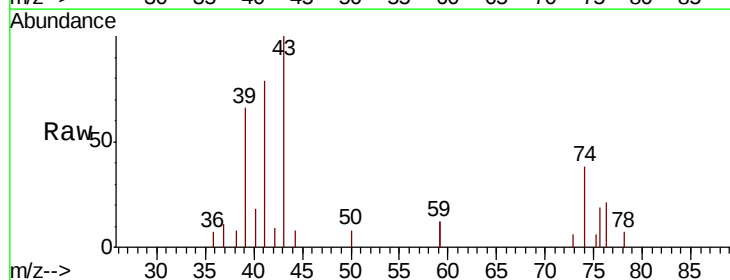
Tgt Ion: 41 Resp: 2950

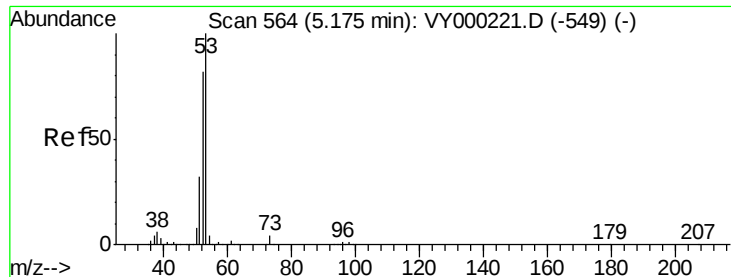
Ion Ratio Lower Upper

41 100

39 68.2 56.4 84.6

76 33.8 30.8 46.2





#15

Acrylonitrile

Concen: 2.799 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

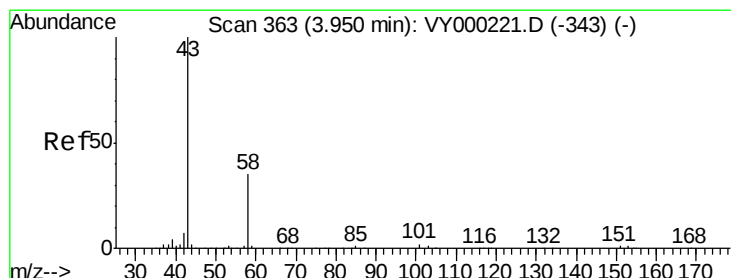
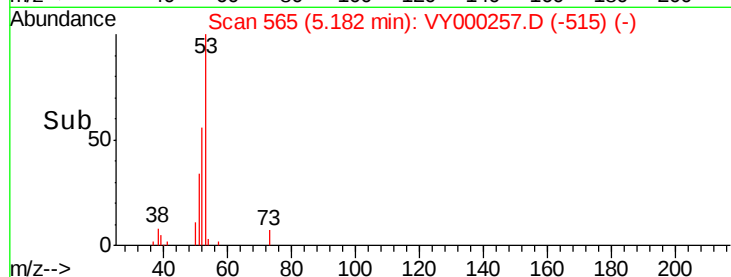
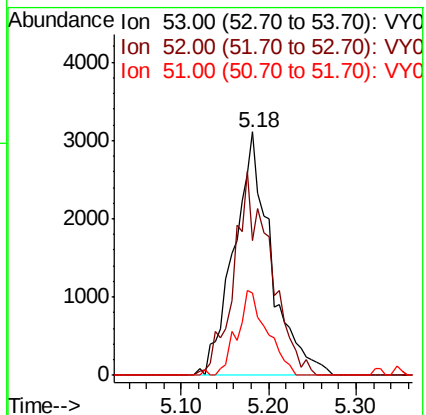
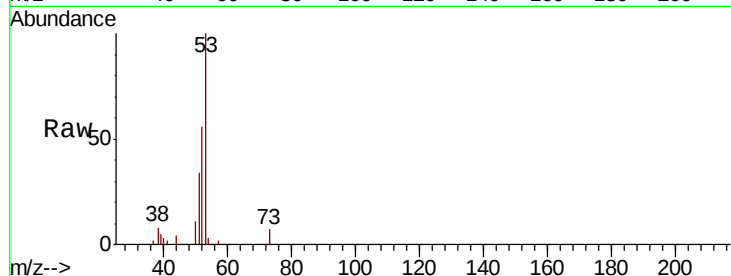
Tot Ion: 53 Resp: 9104

Ion Ratio Lower Upper

53 100

52 82.9 65.4 98.2

51 28.2 27.2 40.8



#16

Acetone

Concen: 3.203 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000257.D

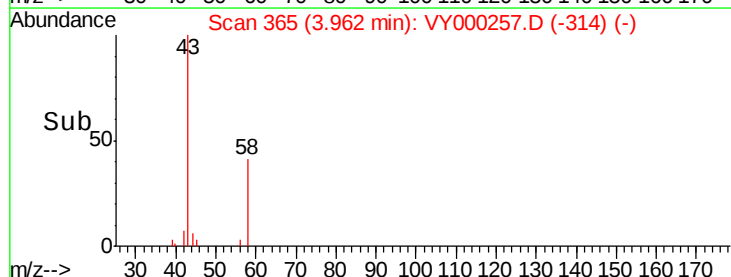
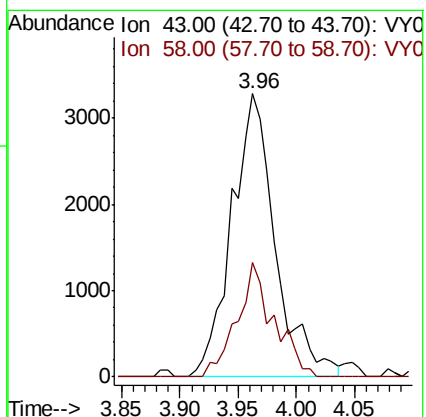
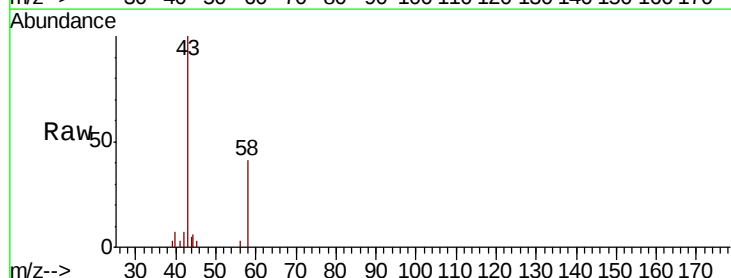
Acq: 10 Oct 2019 16:45

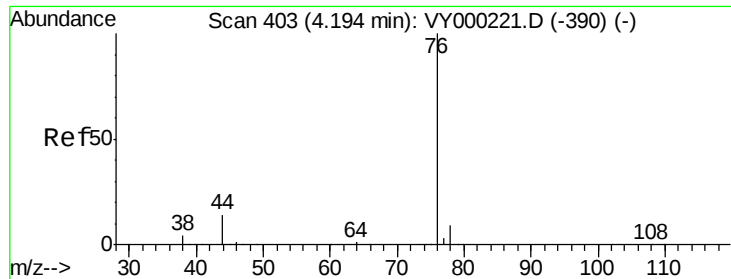
Tgt Ion: 43 Resp: 8603

Ion Ratio Lower Upper

43 100

58 40.5 28.2 42.4

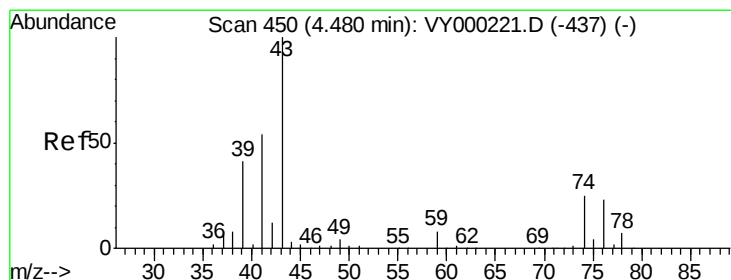
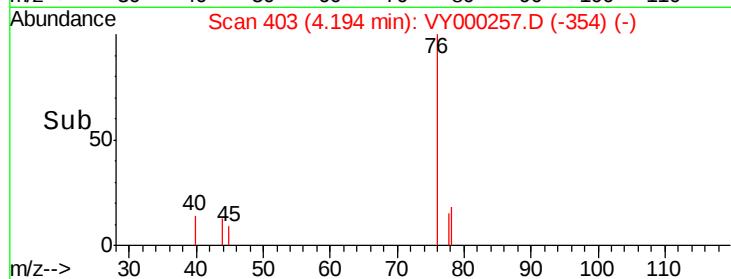
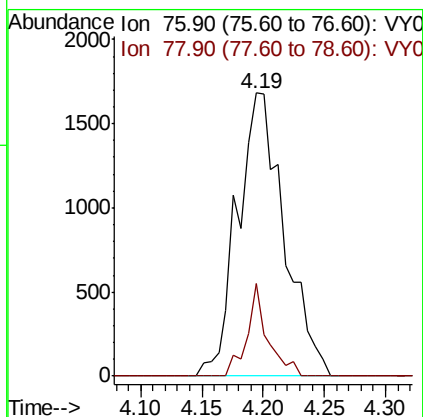
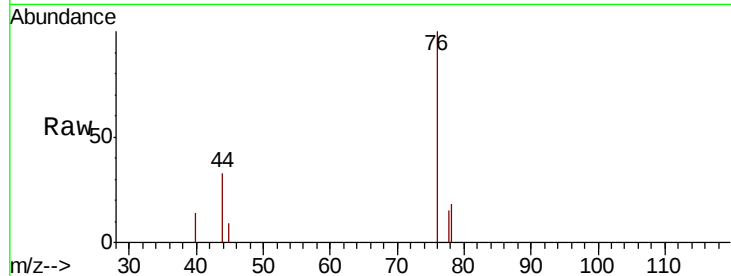




#17
Carbon Disulfide
Concen: 0.522 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

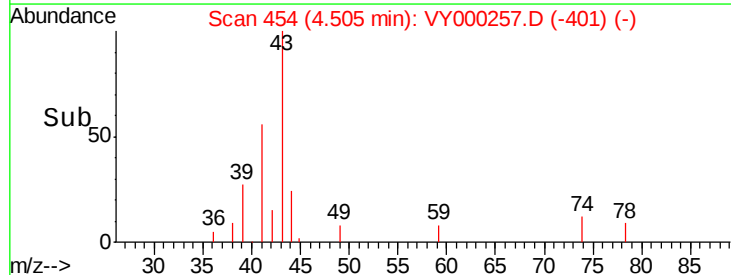
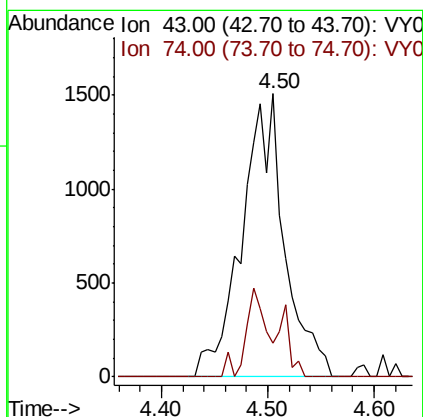
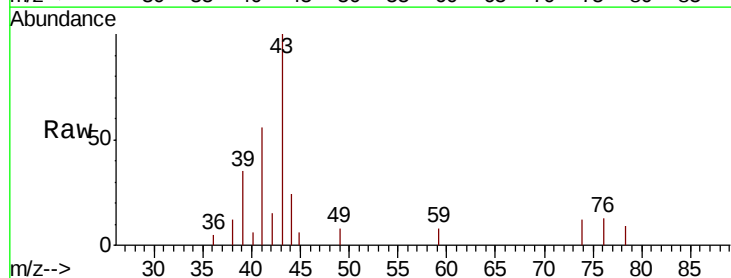
Instrument :
MSVOA_Y
ClientSampleId :

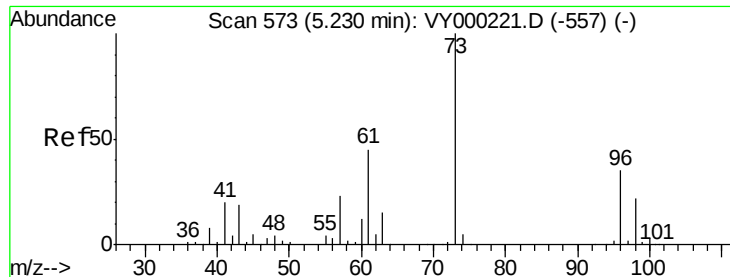
Tot Ion: 76 Resp: 4461
Ion Ratio Lower Upper
76 100
78 32.9 7.0 10.6#



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

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

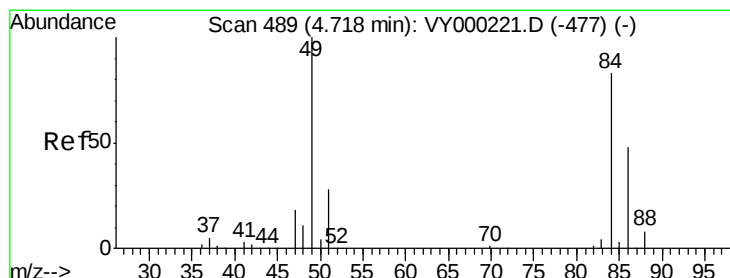
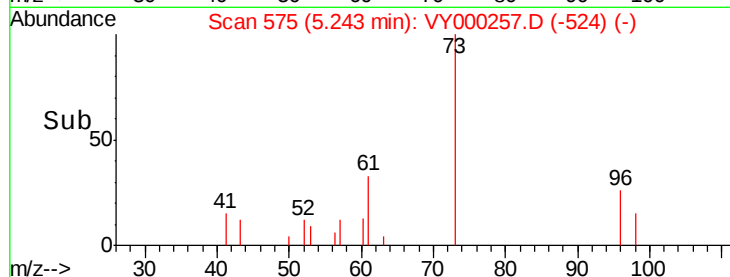
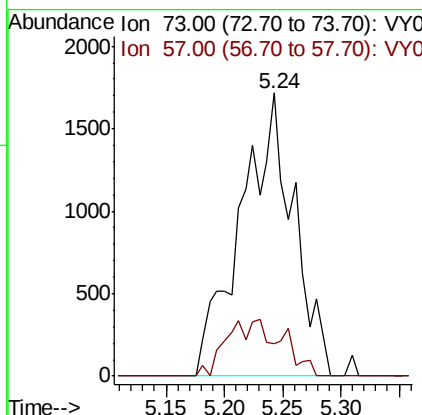
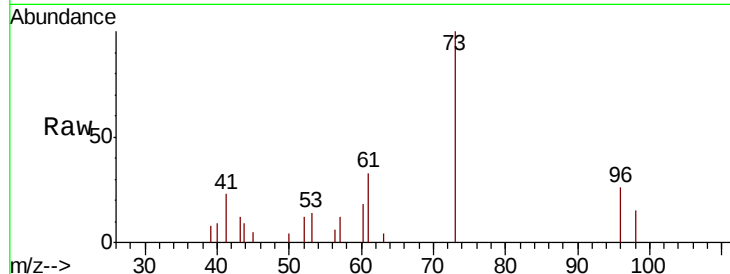




#19
Methvl tert-butvl Ether
Concen: 0.510 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

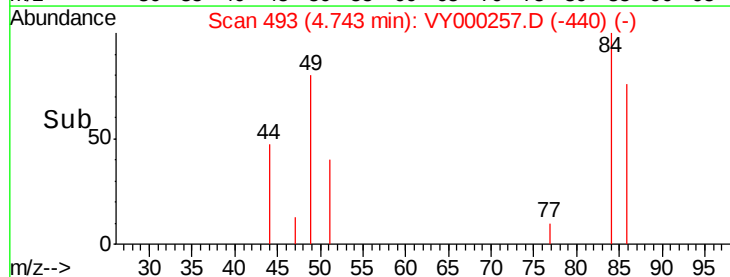
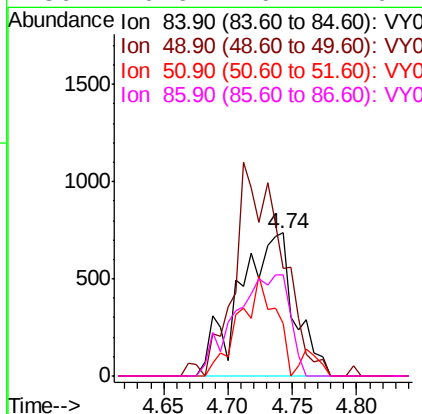
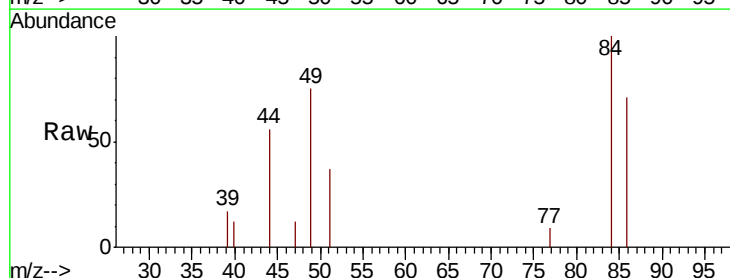
Instrument :
MSVOA_Y
ClientSampleId :

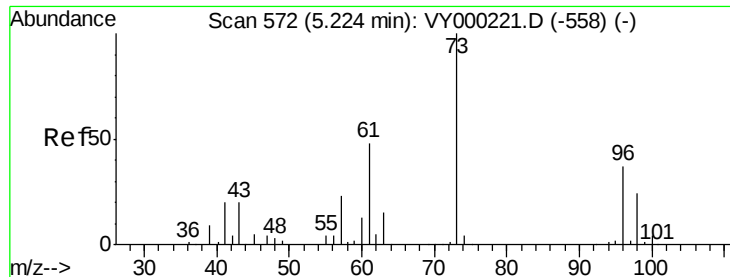
Tot Ion: 73 Resp: 5405
Ion Ratio Lower Upper
73 100
57 11.7 18.4 27.6#



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

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





#21

trans-1,2-Dichloroethene

Concen: 0.519 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

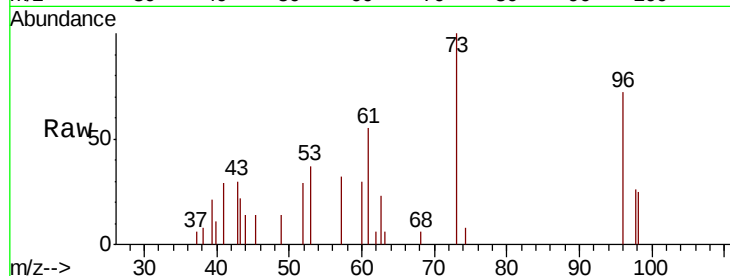
Instrument :

MSVOA_Y

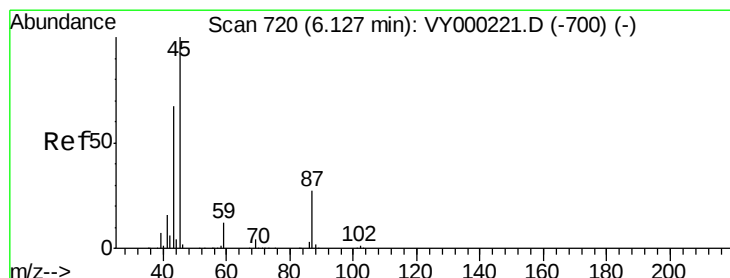
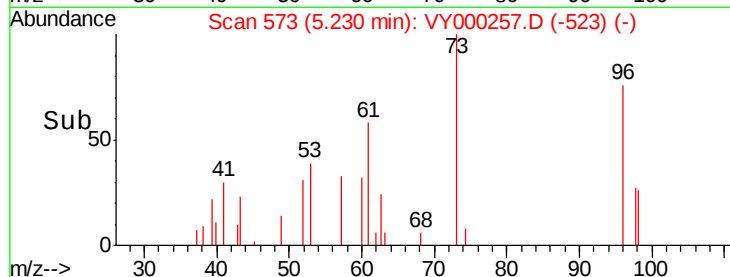
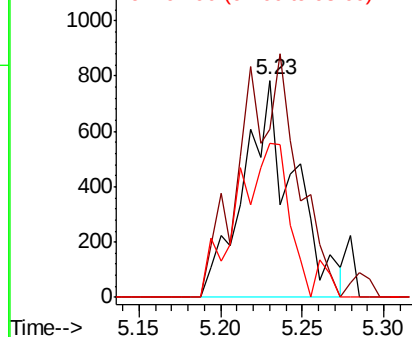
ClientSampled :

Tot Ion: 96 Resp: 1693

Ion	Ratio	Lower	Upper
96	100		
61	77.3	104.2	156.2#
98	70.7	51.0	76.6



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: 0.268 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

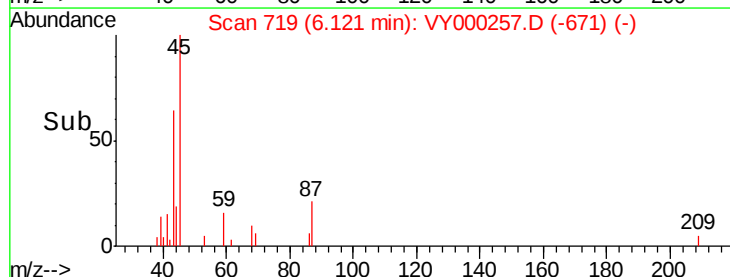
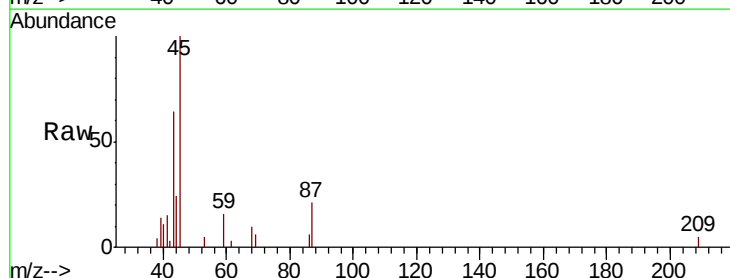
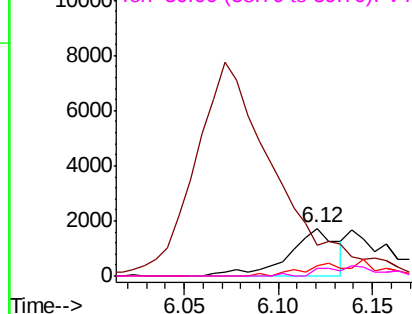
Lab File: VY000257.D

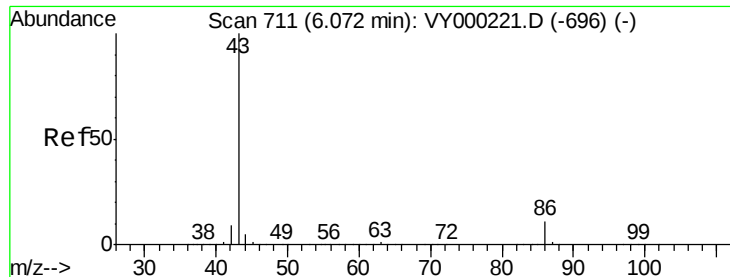
Acq: 10 Oct 2019 16:45

Tgt Ion: 45 Resp: 3031

Ion	Ratio	Lower	Upper
45	100		
43	0.0	53.4	80.2#
87	20.8	21.7	32.5#
59	16.1	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: 4.384 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

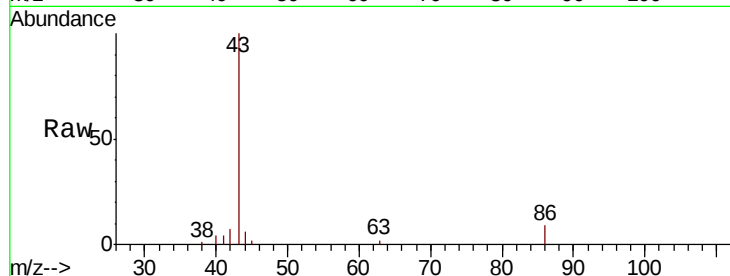
ClientSampleId :

Tot Ion: 43 Resp: 23473

Ion Ratio Lower Upper

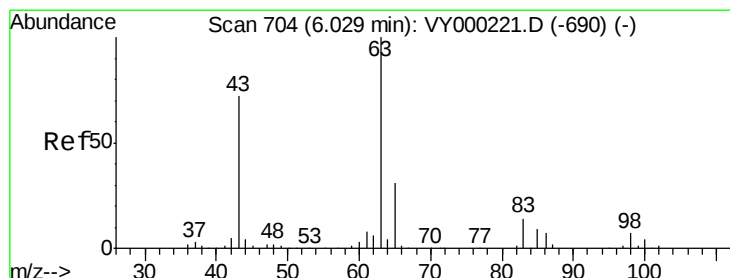
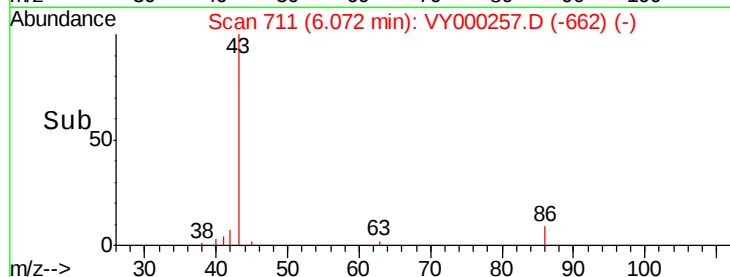
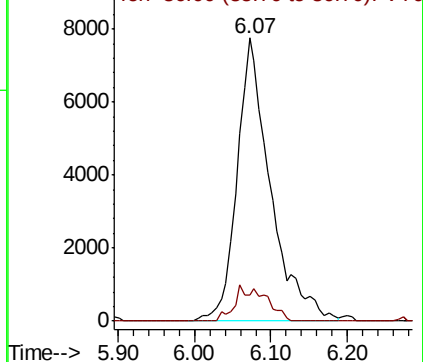
43 100

86 9.2 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: 0.312 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

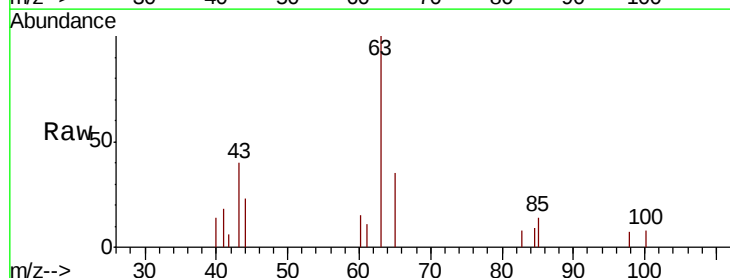
Tgt Ion: 63 Resp: 1799

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.6

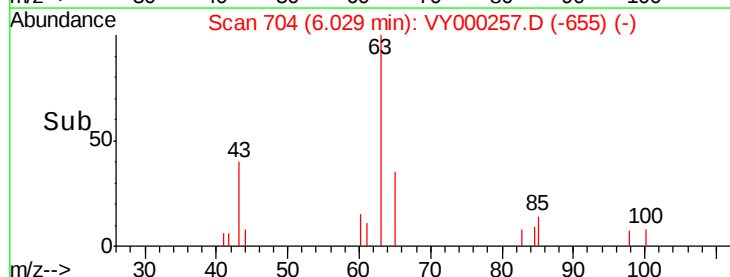
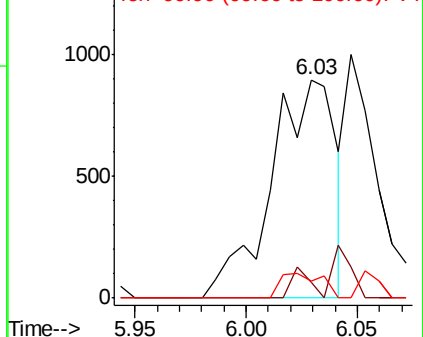
100 7.8 2.1 6.5#

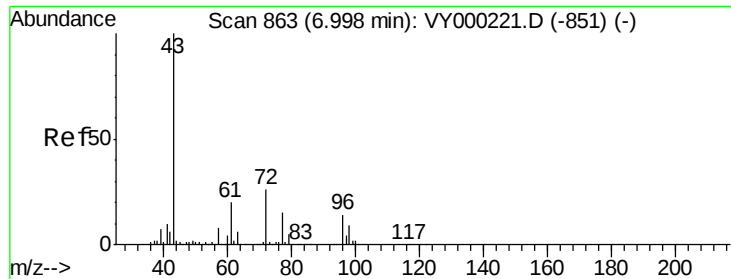


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 2.518 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

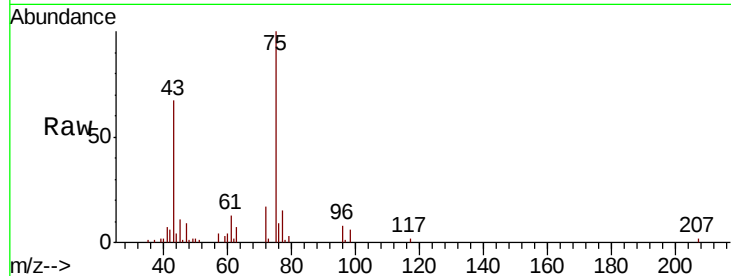
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 12515

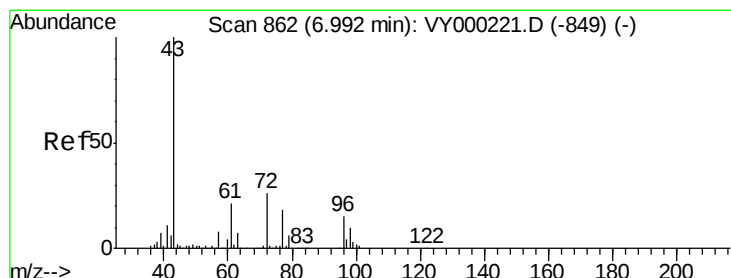
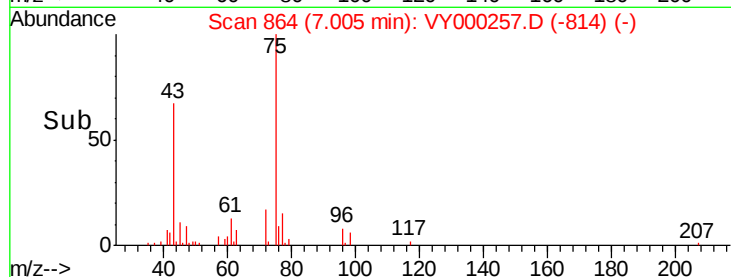
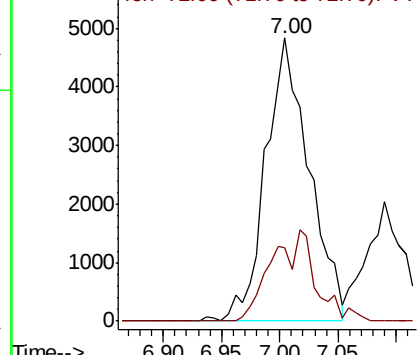
Ion Ratio Lower Upper

43 100

72 26.0 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: 0.730 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000257.D

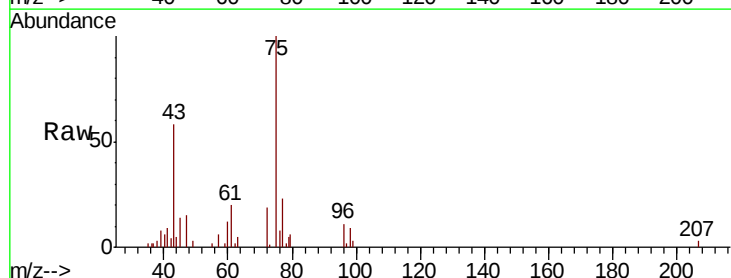
Acq: 10 Oct 2019 16:45

Tgt Ion: 77 Resp: 3804

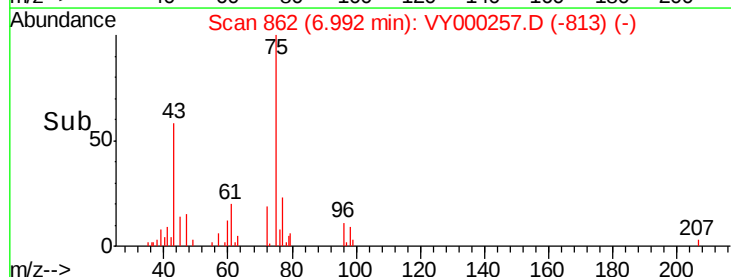
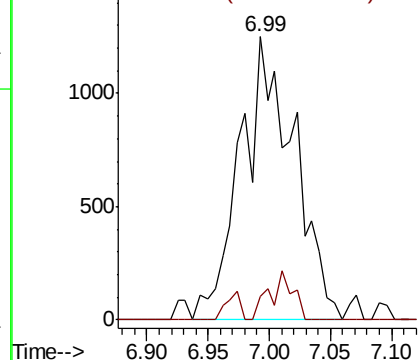
Ion Ratio Lower Upper

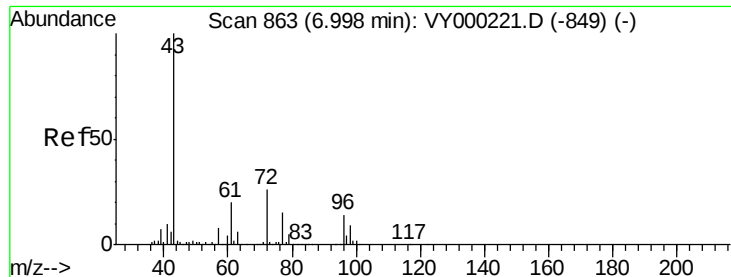
77 100

97 2.7 11.7 35.0#



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



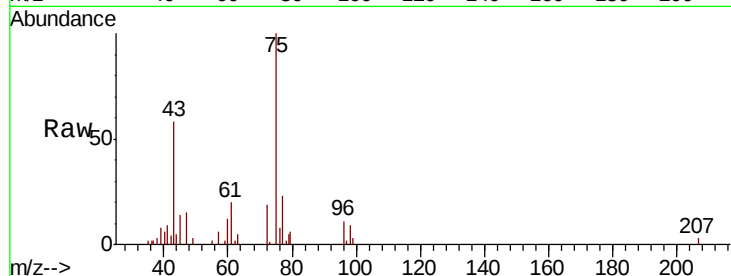


#27

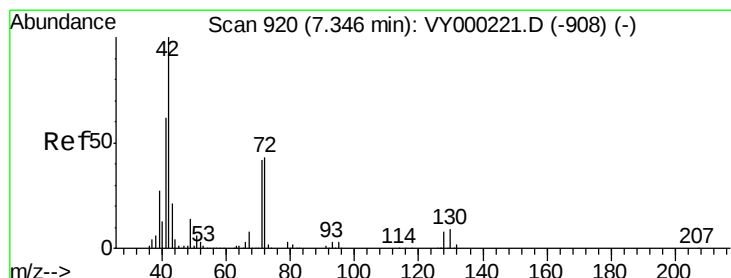
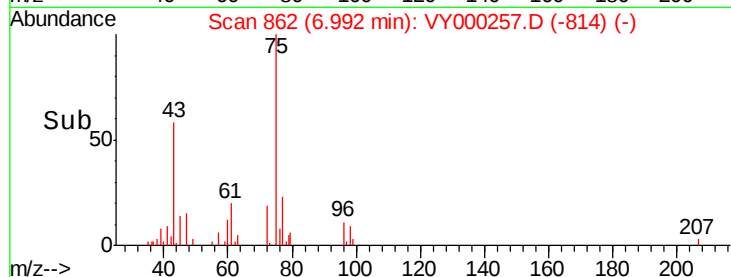
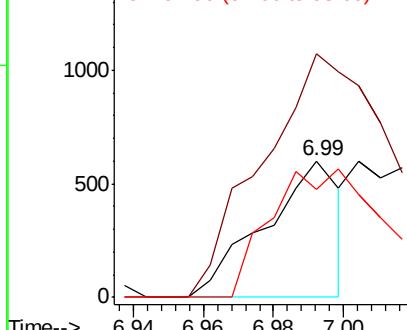
cis-1,2-Dichloroethene
 Concen: 0.235 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	96	Resp	903
Ion	Ratio	Lower	Upper
96	100		
61	348.1	0.0	282.6#
98	159.2	0.0	129.8#



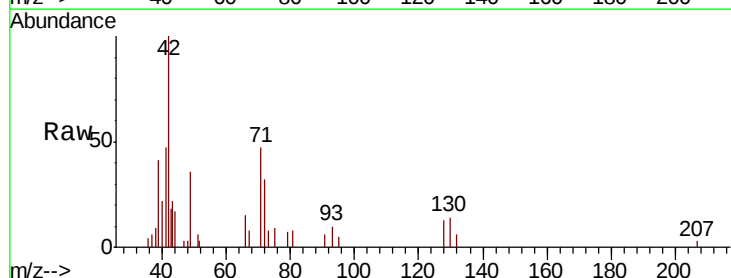
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



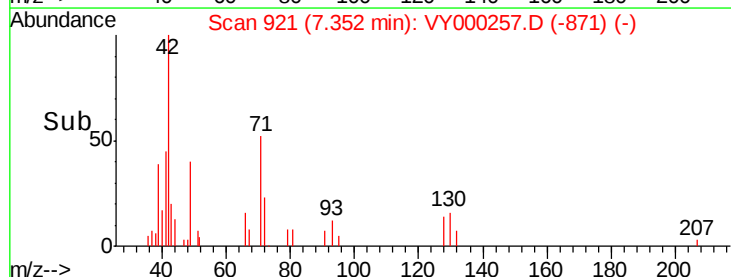
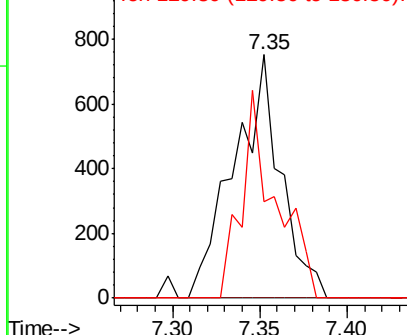
#28

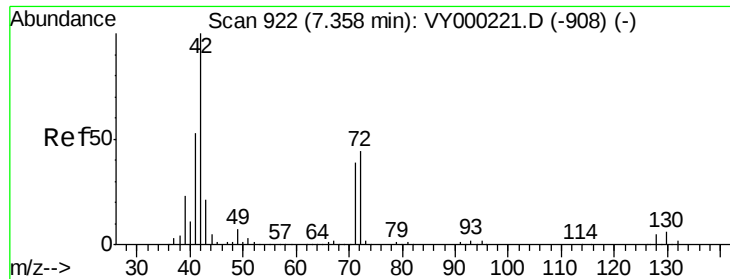
Bromochloromethane
 Concen: 0.738 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

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

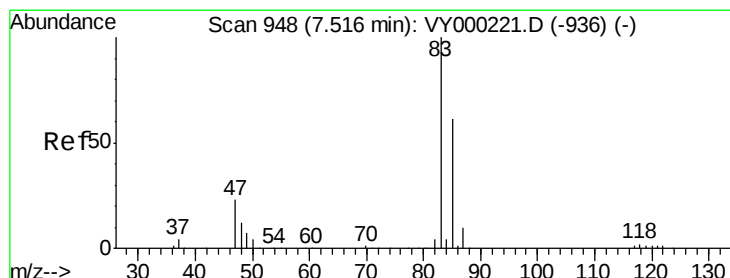
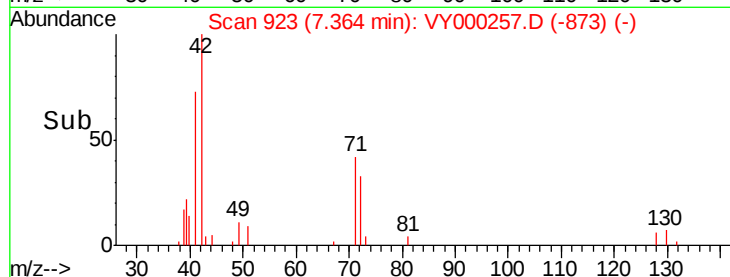
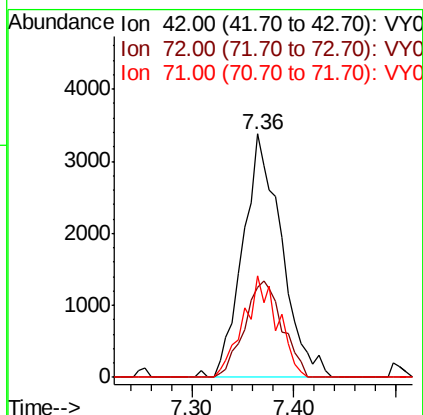
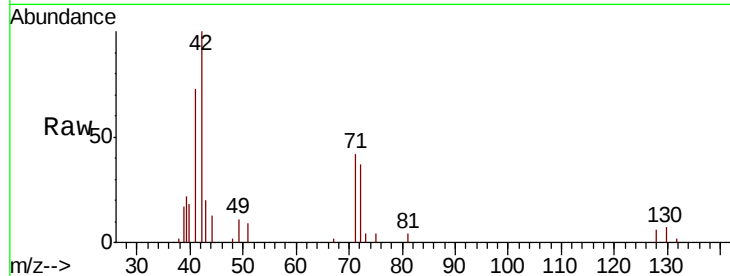




#29
Tetrahydrofuran
Concen: 2.532 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

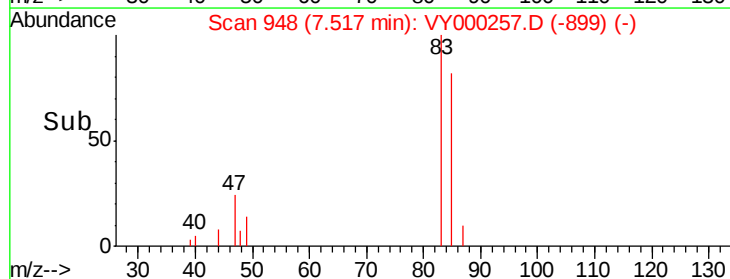
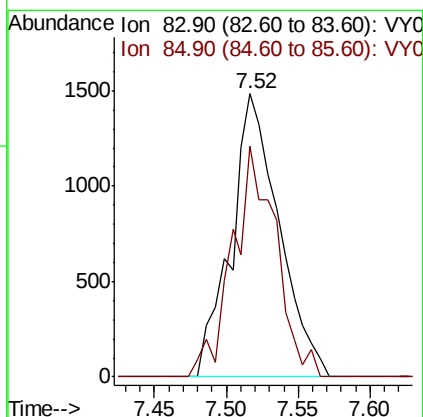
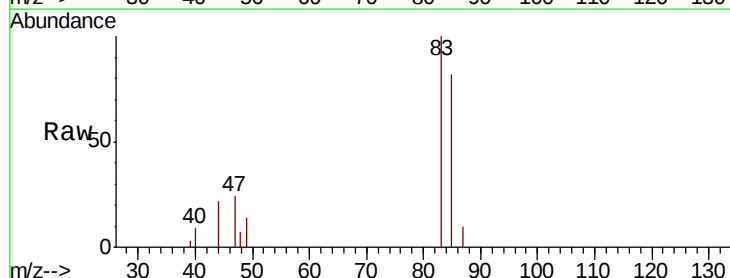
Instrument :
MSVOA_Y
ClientSampleId :

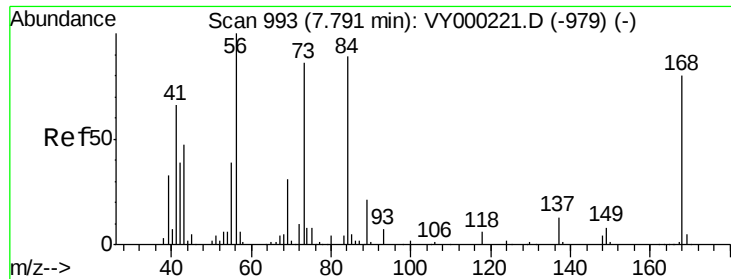
Tot Ion: 42 Resp: 8887
Ion Ratio Lower Upper
42 100
72 38.8 34.6 51.8
71 37.2 31.9 47.9



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

Tgt Ion: 83 Resp: 3426
Ion Ratio Lower Upper
83 100
85 81.7 48.9 73.3#

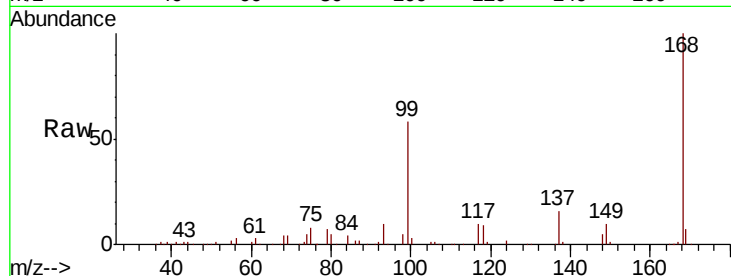




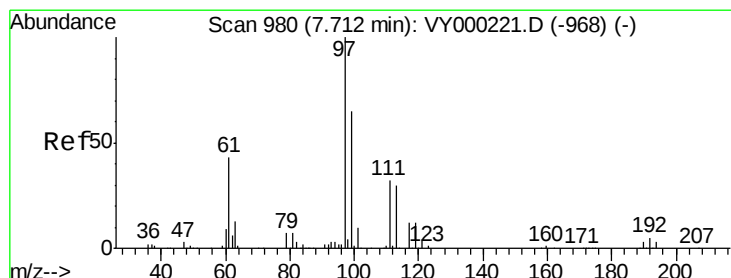
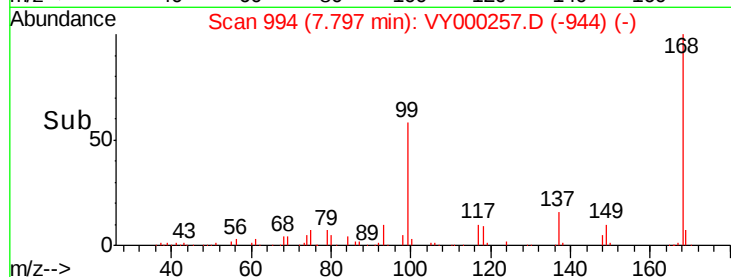
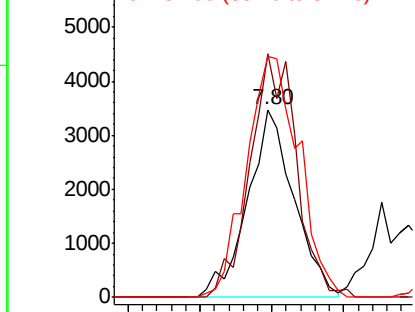
#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :

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

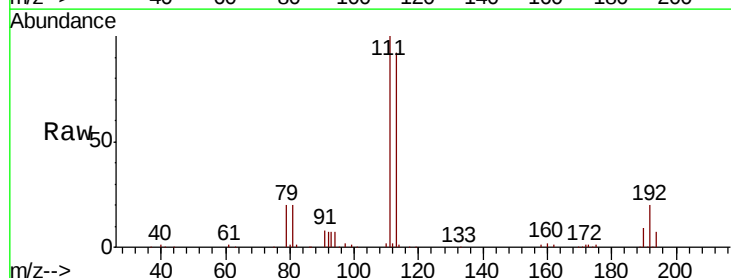


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

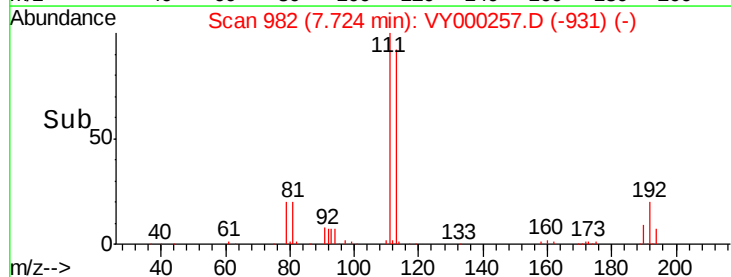
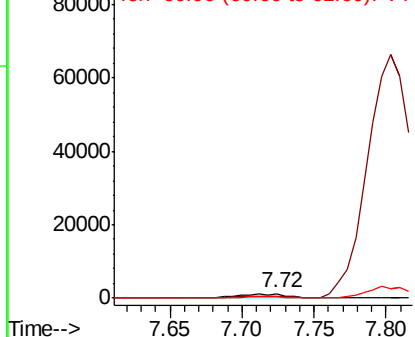


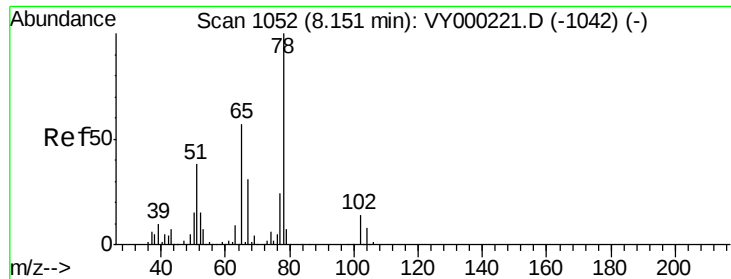
#32
1,1,1-Trichloroethane
Concen: 0.556 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

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



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

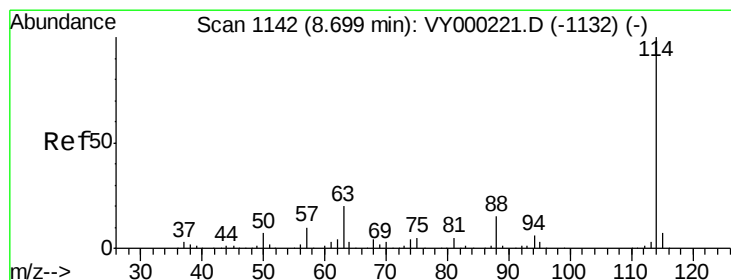
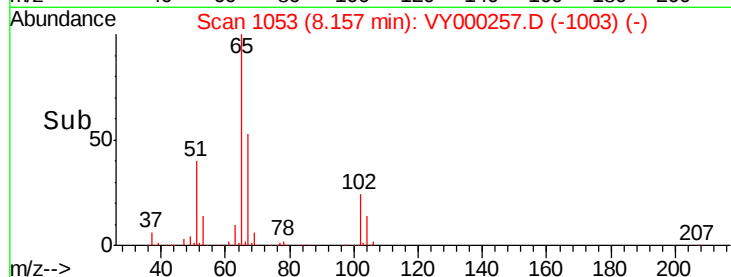
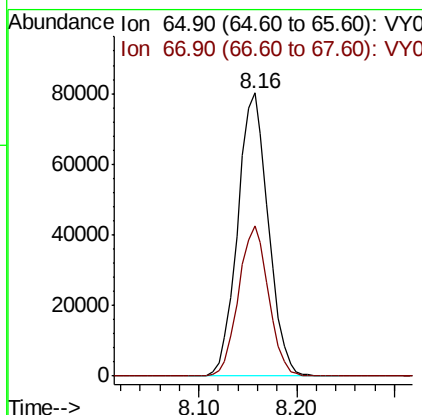
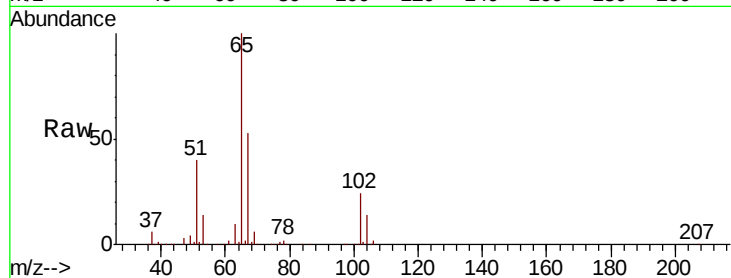




#33
 1,2-Dichloroethane-d4
 Concen: 51.300 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

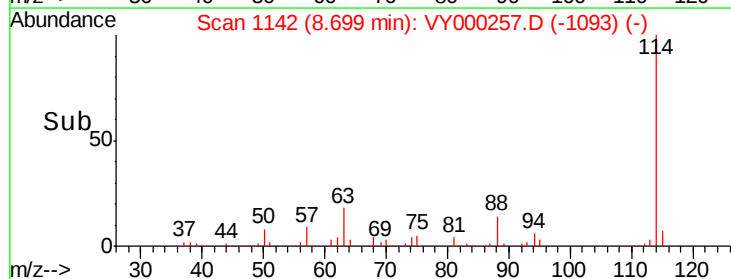
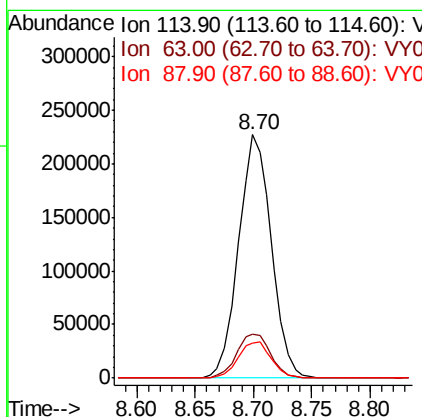
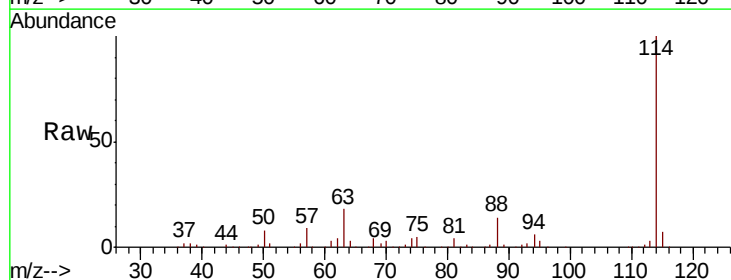
Instrument :
 MSVOA_Y
 ClientSampleId :

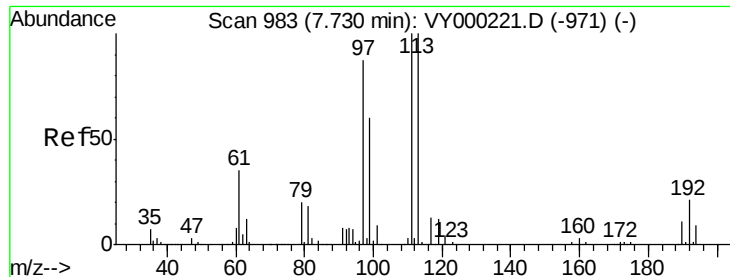
Tot Ion: 65 Resp: 173989
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 109.0



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

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

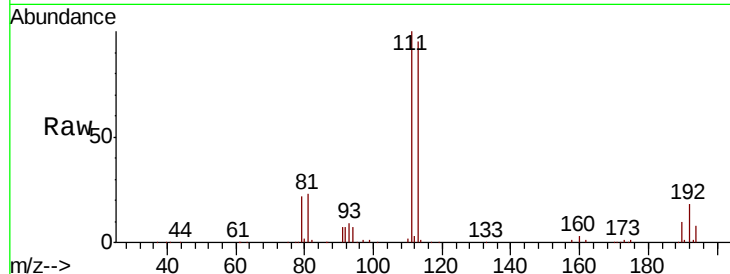




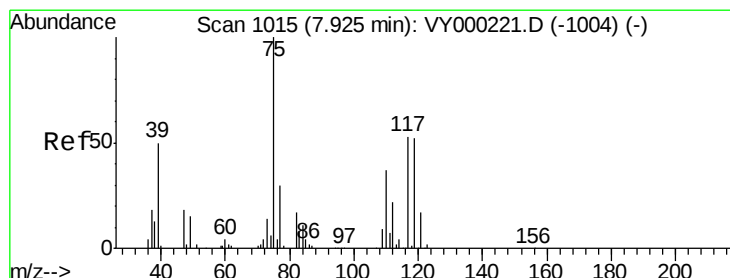
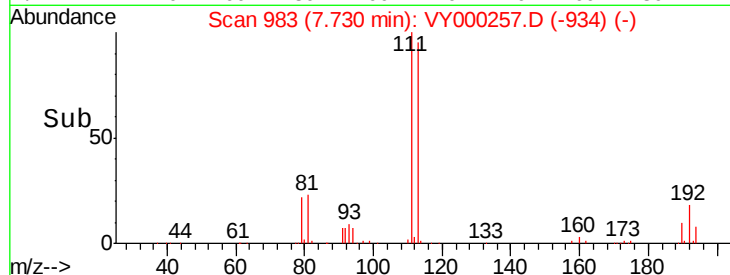
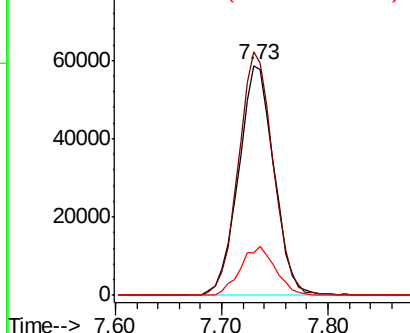
#35
 Dibromofluoromethane
 Concen: 49.342 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 136844
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.6 124.0
 192 21.2 15.8 23.8

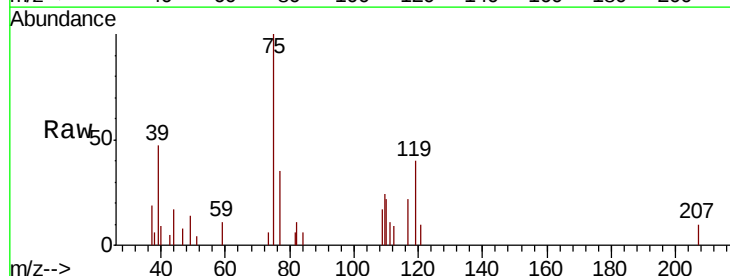


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

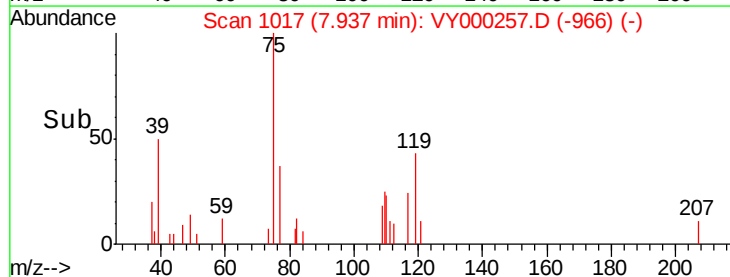
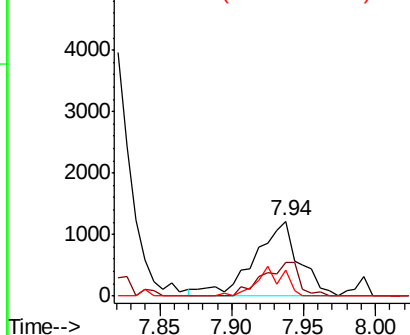


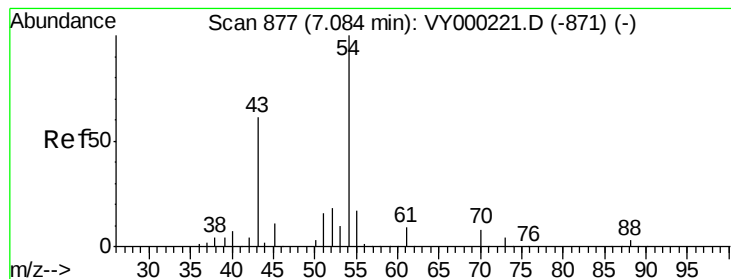
#36
 1,1-Dichloropropene
 Concen: 0.584 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Tgt Ion: 75 Resp: 2647
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.4 55.2
 77 23.4 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: 0.587 ug/l

RT: 7.09 min Scan# 878

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampled :

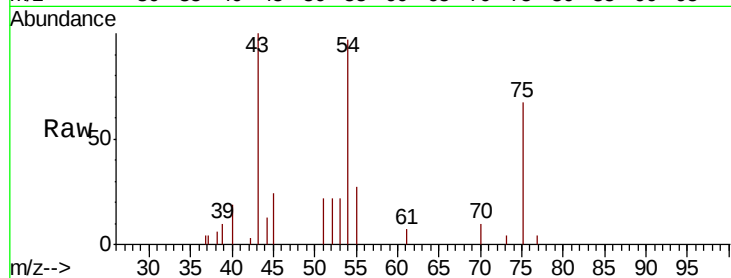
Tot Ion: 43 Resp: 4805

Ion Ratio Lower Upper

43 100

61 7.8 11.1 16.7#

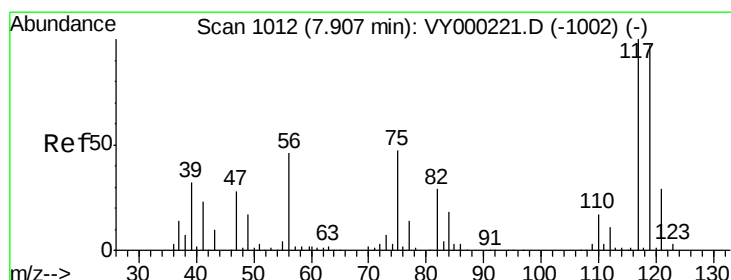
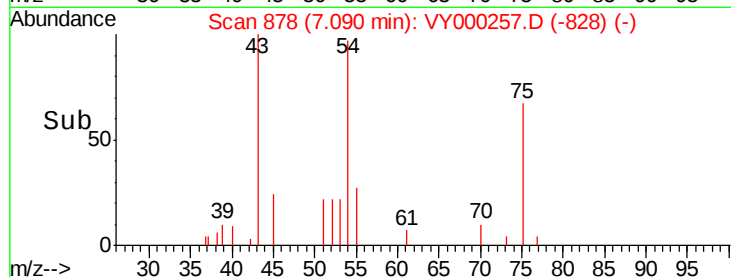
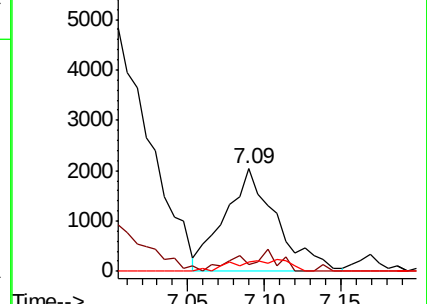
70 7.9 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 70.00 (69.70 to 70.70): VY0



#38

Carbon Tetrachloride

Concen: 0.501 ug/l

RT: 7.91 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

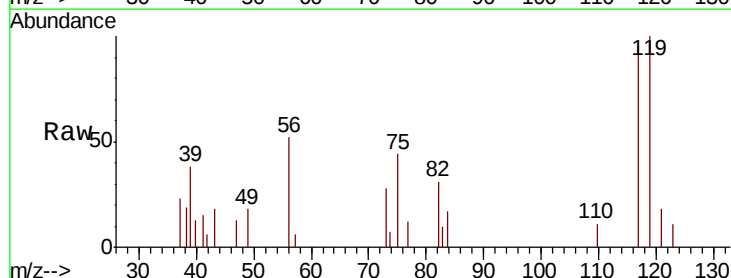
Tgt Ion: 117 Resp: 2210

Ion Ratio Lower Upper

117 100

119 104.9 77.2 115.8

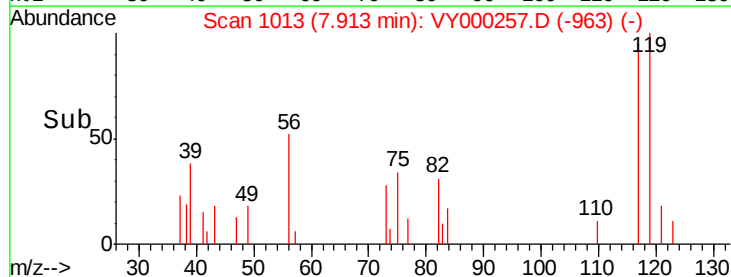
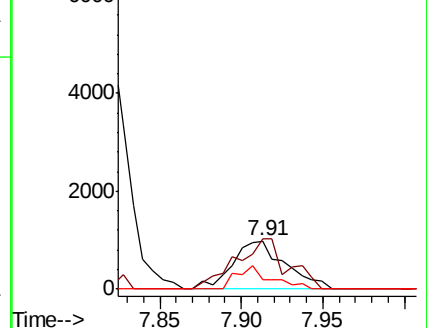
121 19.1 23.1 34.7#

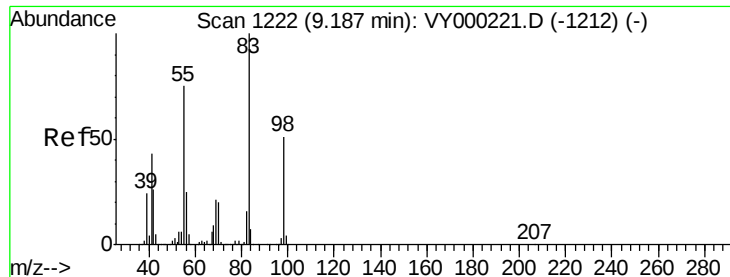


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

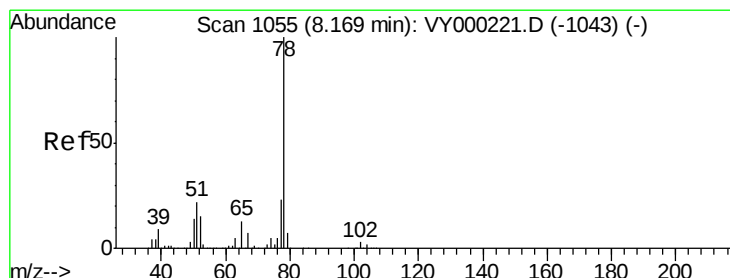
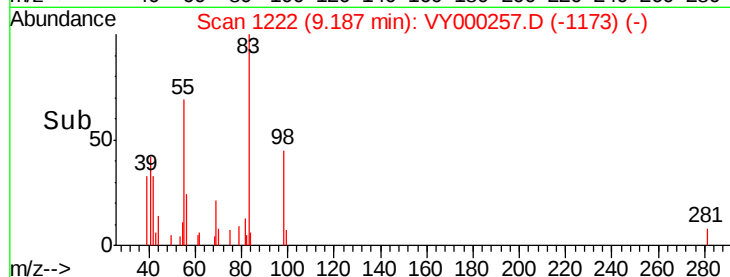
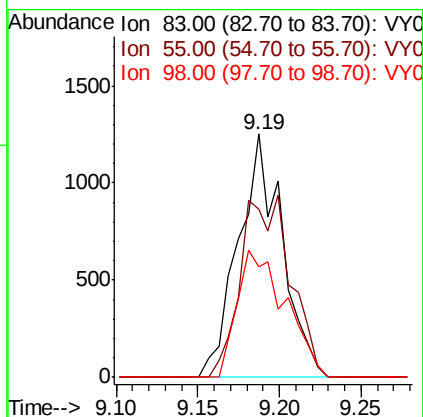
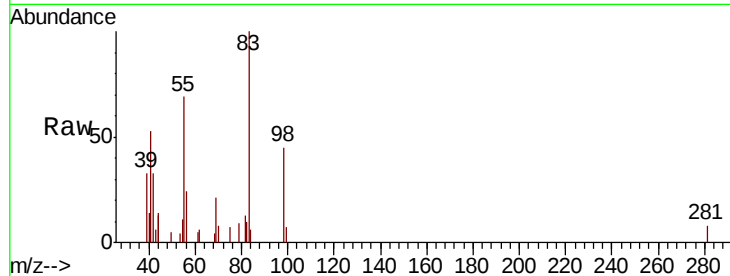




#39
Methvlcvclohexane
Concen: 0.412 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

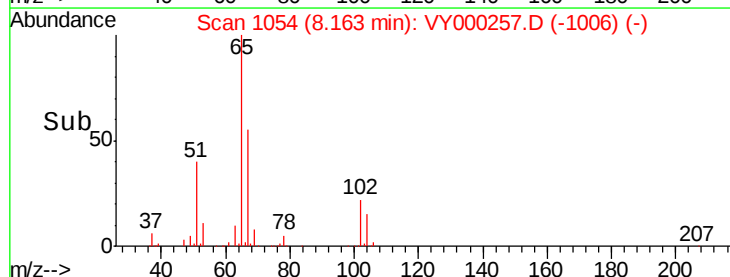
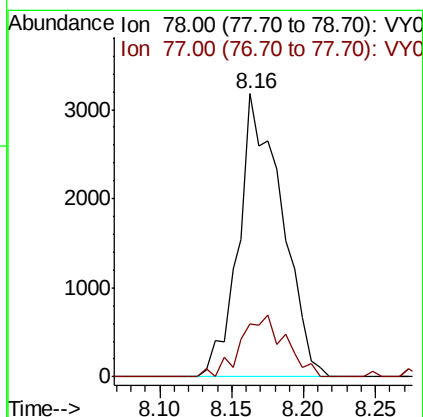
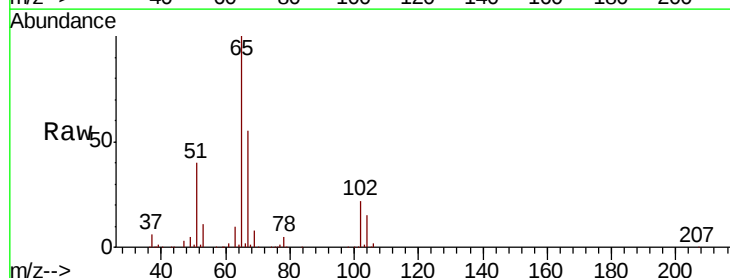
Instrument :
MSVOA_Y
ClientSampleId :

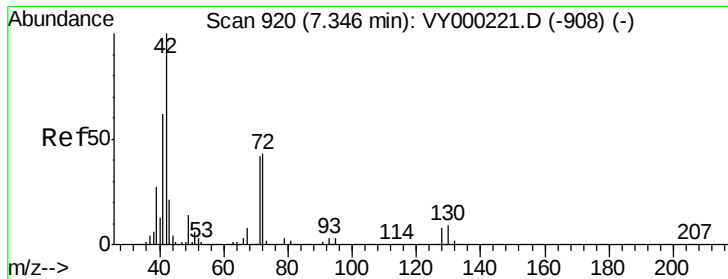
Tot Ion: 83 Resp: 2341
Ion Ratio Lower Upper
83 100
55 68.8 60.2 90.4
98 45.5 40.5 60.7



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

Tgt Ion: 78 Resp: 6615
Ion Ratio Lower Upper
78 100
77 18.7 18.6 28.0

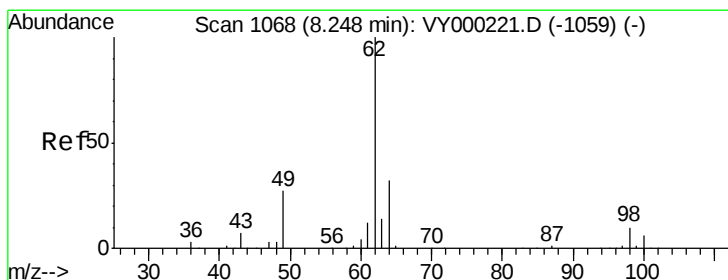
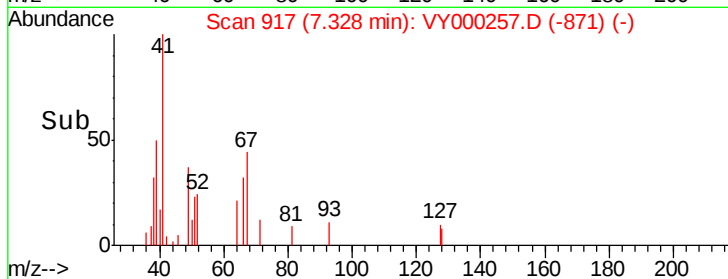
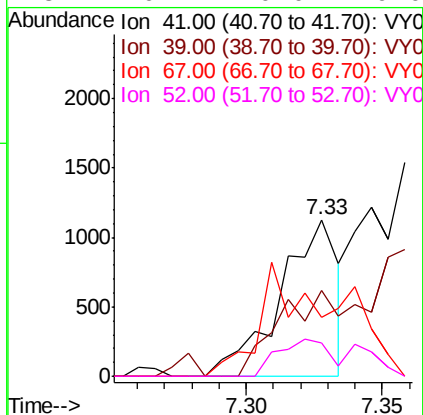
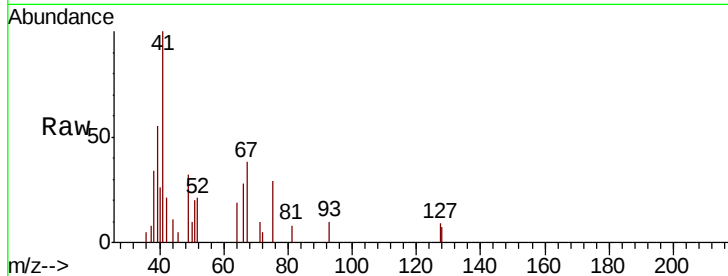




#41
Methacrylonitrile
Concen: 0.261 ug/l
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

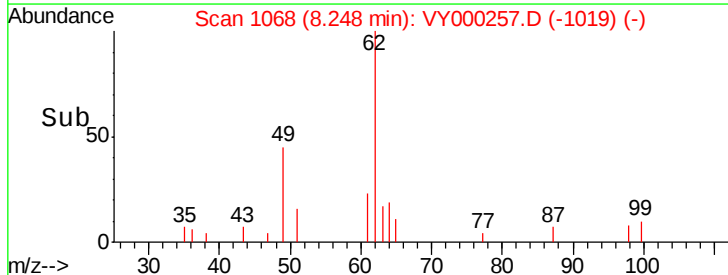
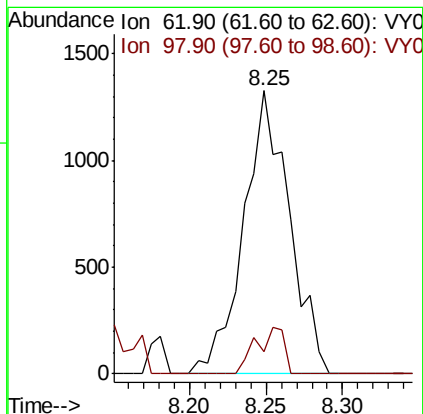
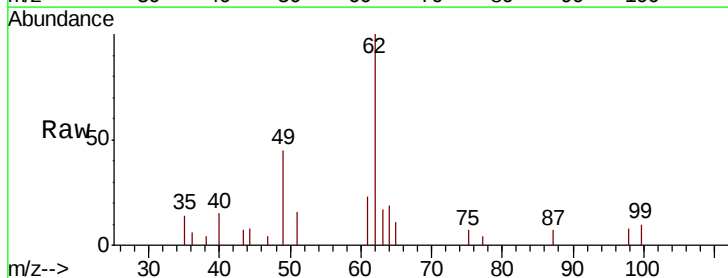
Instrument :
MSVOA_Y
ClientSampled :

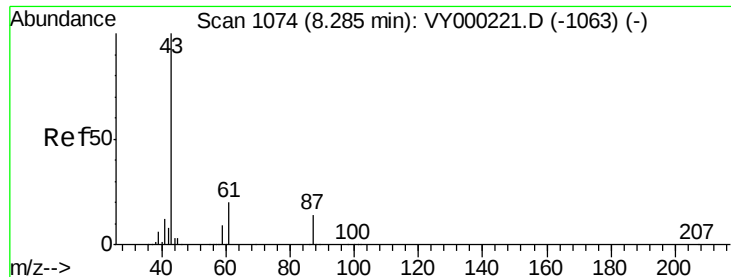
Tot Ion: 41 Resp: 1679
Ion Ratio Lower Upper
41 100
39 55.2 74.7 112.1#
67 59.4 0.0 0.0#
52 20.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 0.620 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion: 62 Resp: 2765
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.0





#43

Isopropyl Acetate

Concen: 0.497 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampled :

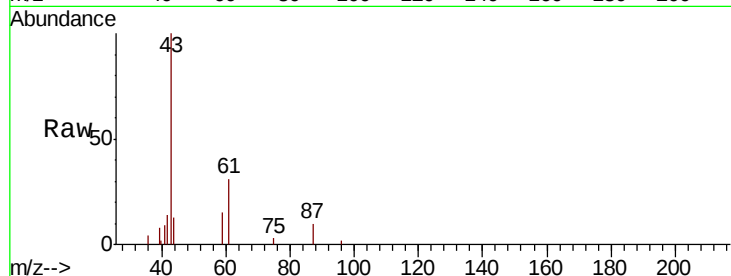
Tot Ion: 43 Resp: 5234

Ion Ratio Lower Upper

43 100

61 20.2 20.1 30.1

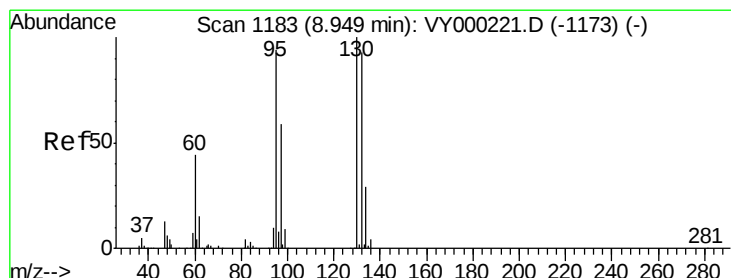
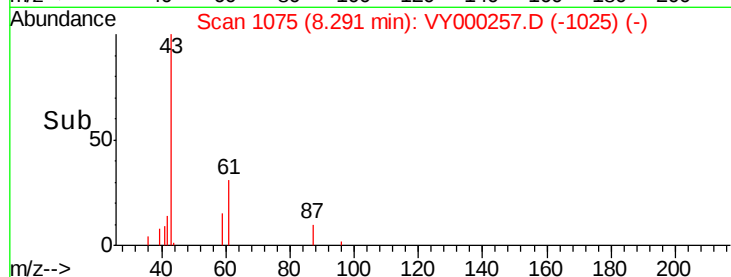
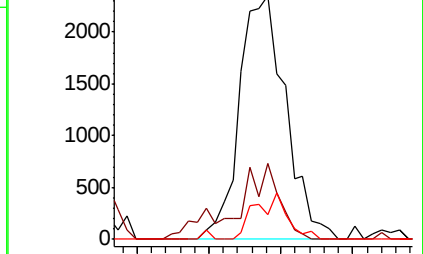
87 6.8 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VY000221.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY000221.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY000221.D (-1063) (-)



#44

Trichloroethene

Concen: 0.551 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VY000257.D

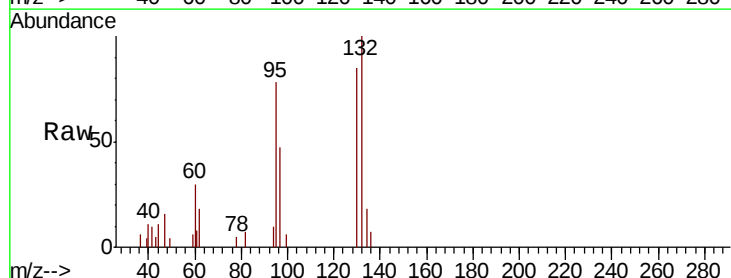
Acq: 10 Oct 2019 16:45

Tgt Ion: 130 Resp: 2052

Ion Ratio Lower Upper

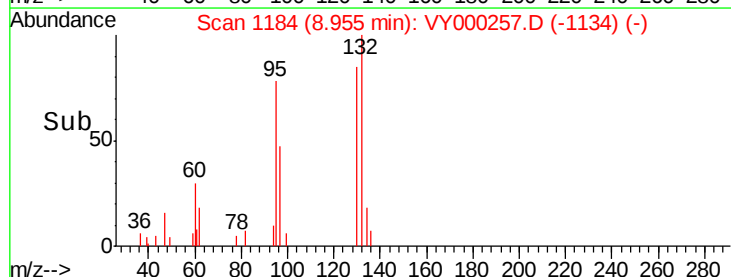
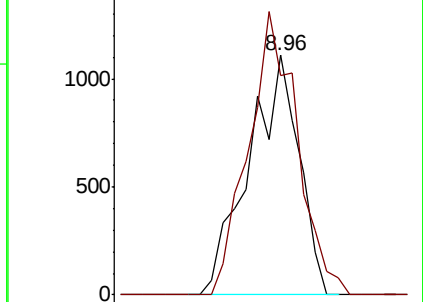
130 100

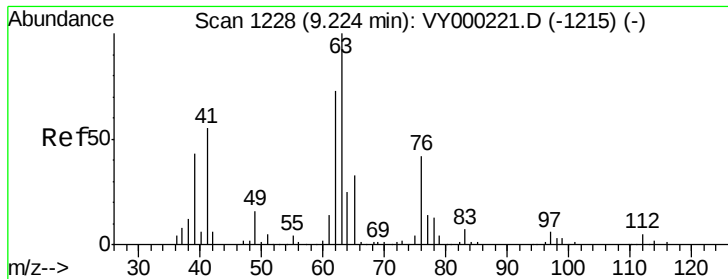
95 91.5 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): VY000221.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000221.D (-1173) (-)

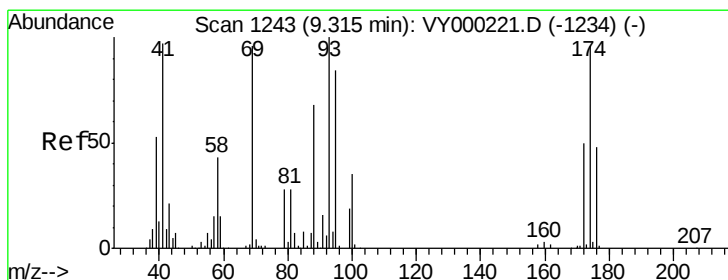
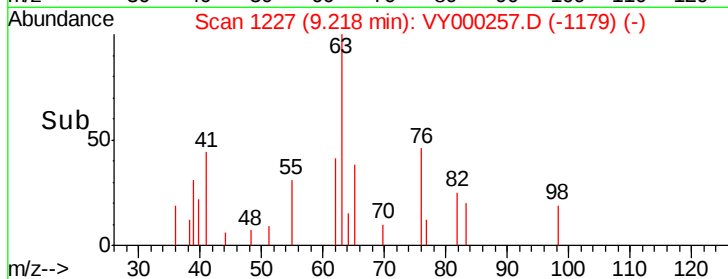
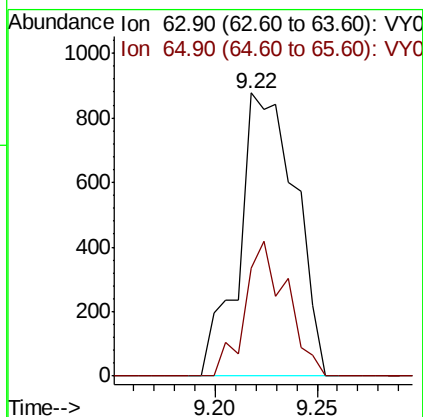
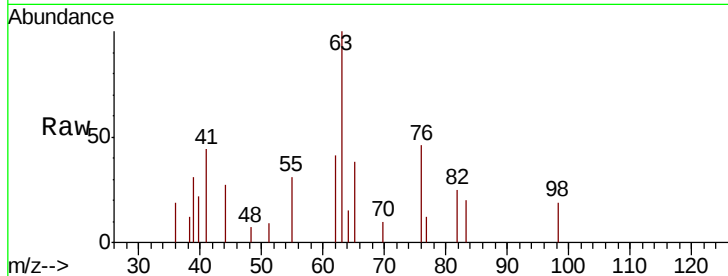




#45
 1,2-Dichloropropane
 Concen: 0.490 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

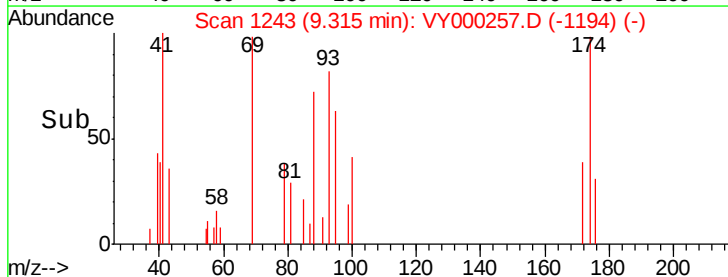
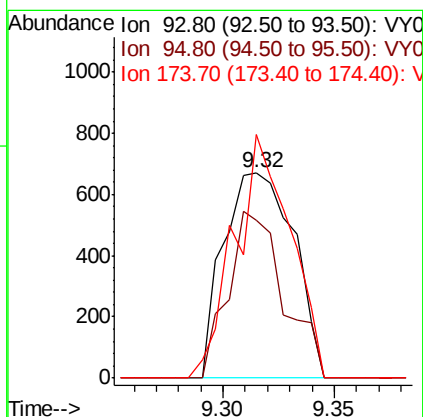
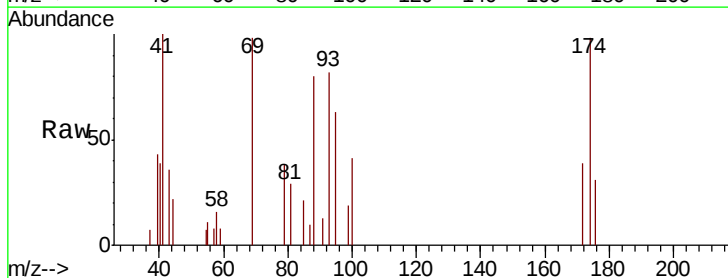
Instrument :
 MSVOA_Y
 ClientSampled :

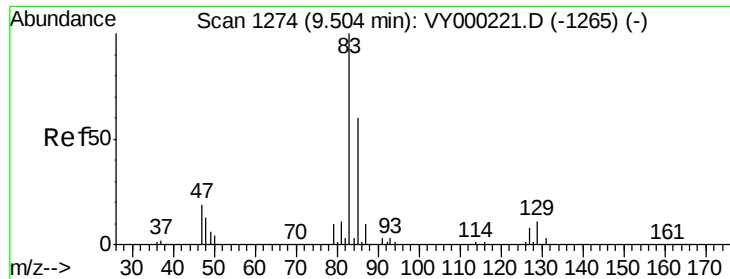
Tot Ion: 63 Resp: 1686
 Ion Ratio Lower Upper
 63 100
 65 38.0 26.6 39.8



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

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





#47

Bromodichloromethane

Concen: 0.516 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

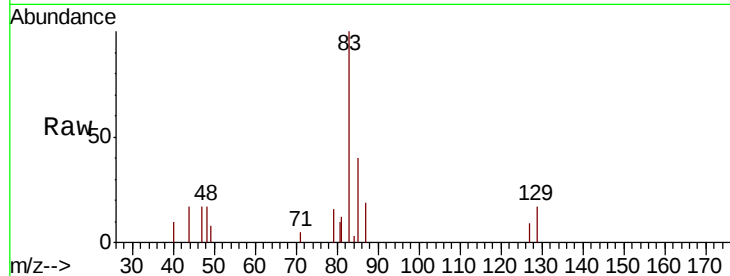
Tot Ion: 83 Resp: 2436

Ion Ratio Lower Upper

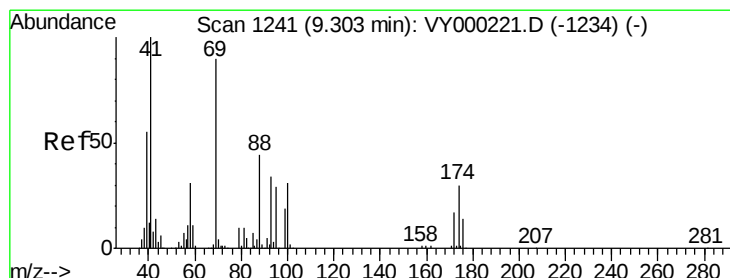
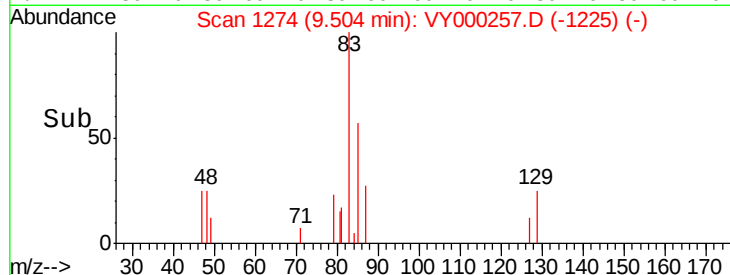
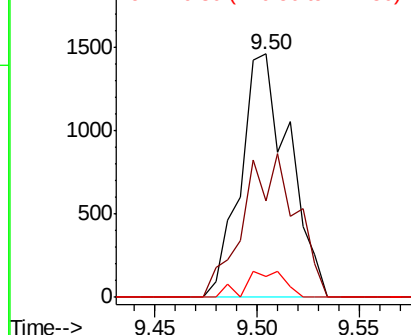
83 100

85 39.7 48.0 72.0#

127 8.5 6.5 9.7



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): V



#48

Methyl methacrylate

Concen: 0.578 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

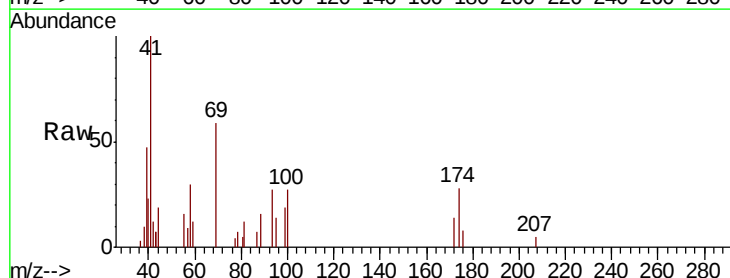
Tgt Ion: 41 Resp: 2749

Ion Ratio Lower Upper

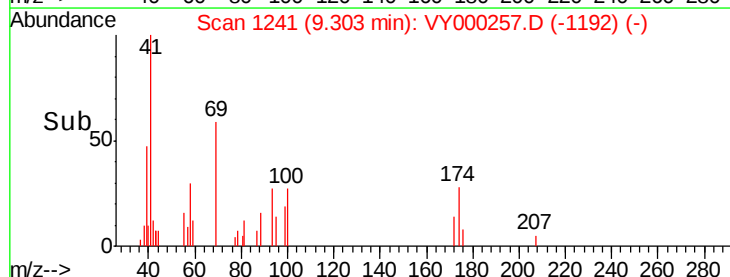
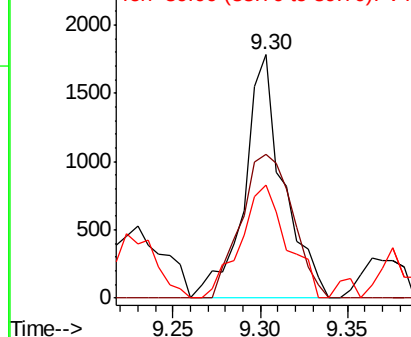
41 100

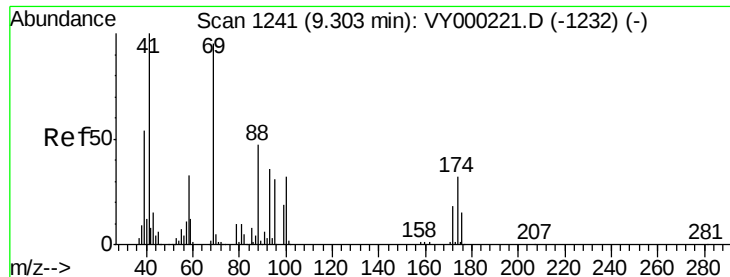
69 79.0 70.3 105.5

39 56.0 45.5 68.3



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

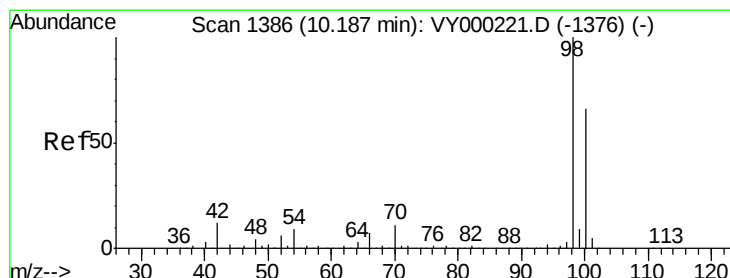
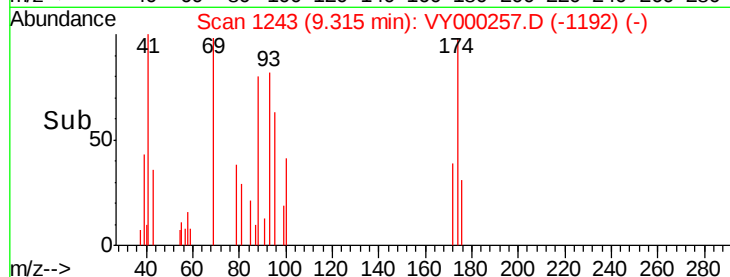
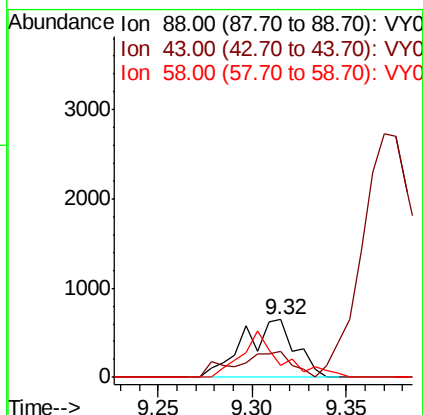
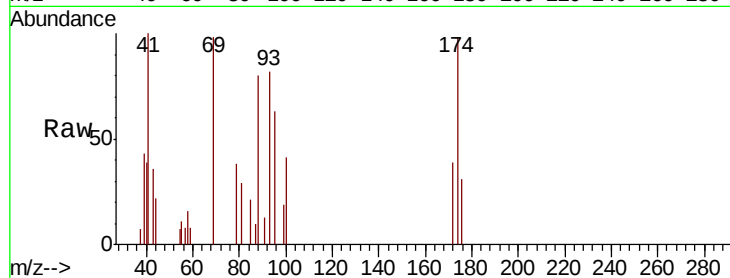




#49
1,4-Dioxane
Concen: 10.073 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

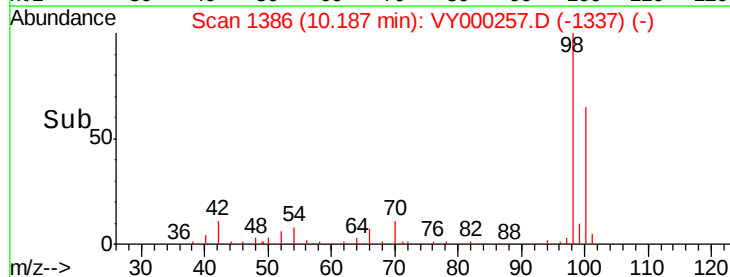
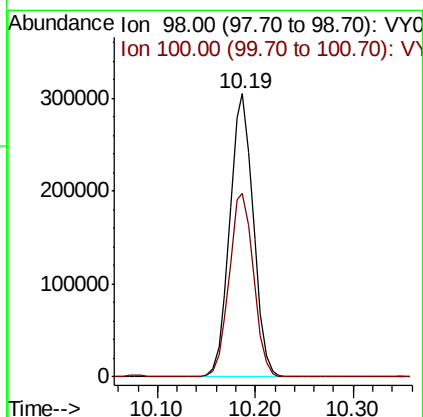
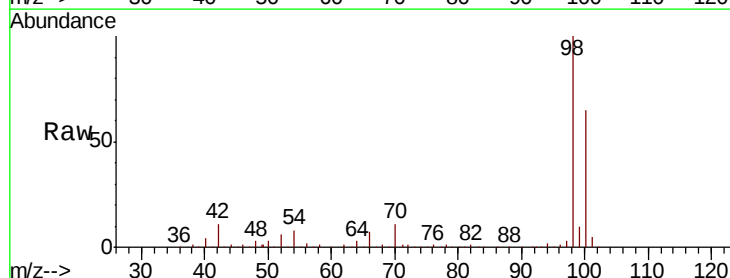
Instrument :
MSVOA_Y
ClientSampled :

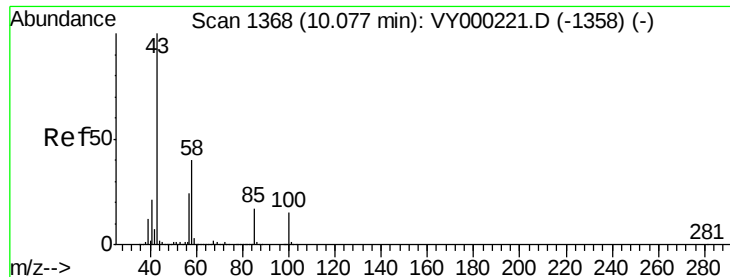
Tot Ion: 88 Resp: 1230
Ion Ratio Lower Upper
88 100
43 48.6 24.5 36.7#
58 61.1 54.2 81.2



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

Tgt Ion: 98 Resp: 508529
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 2.412 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

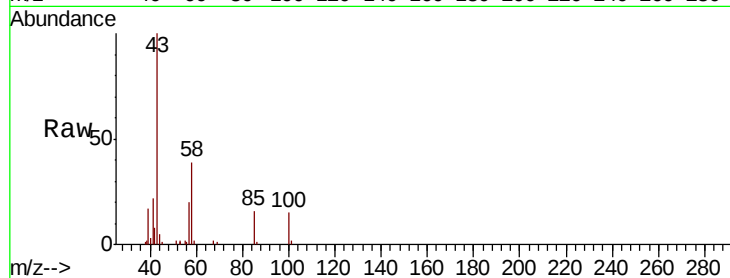
ClientSampleId :

Tot Ion: 43 Resp: 19101

Ion Ratio Lower Upper

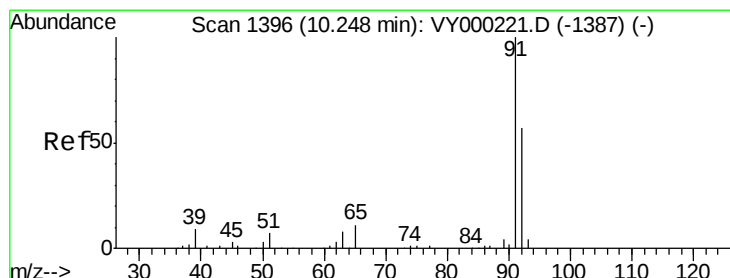
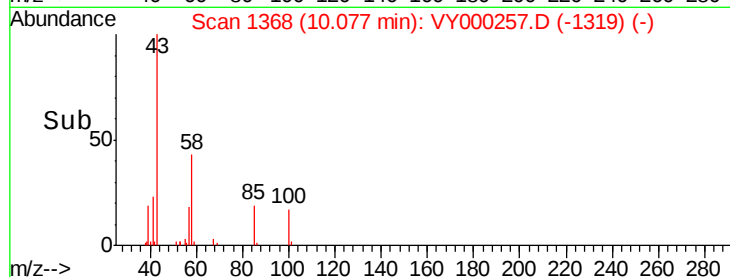
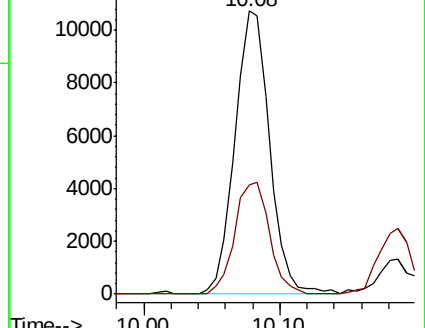
43 100

58 39.5 31.7 47.5



Abundance Ion 43.00 (42.70 to 43.70): VY000221.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY000221.D (-1358) (-)



#52

Toluene

Concen: 0.538 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000257.D

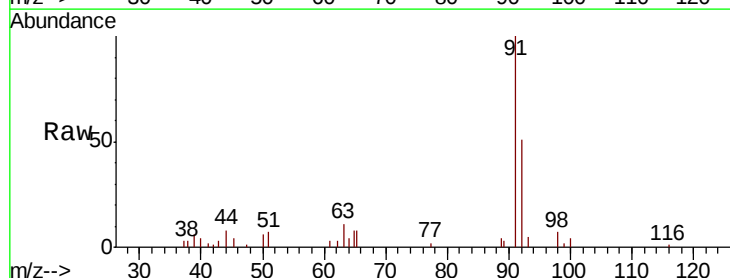
Acq: 10 Oct 2019 16:45

Tgt Ion: 92 Resp: 4744

Ion Ratio Lower Upper

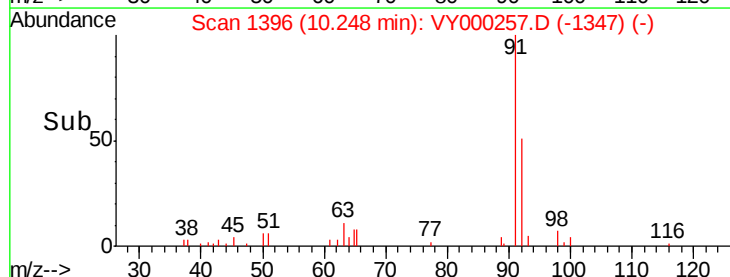
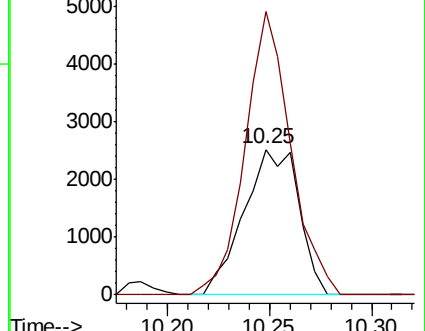
92 100

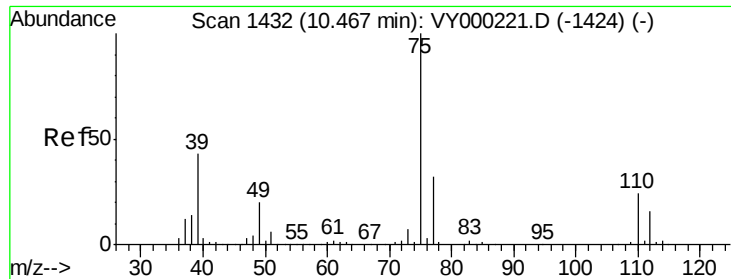
91 161.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VY000221.D (-1387) (-)

Ion 91.00 (90.70 to 91.70): VY000221.D (-1387) (-)

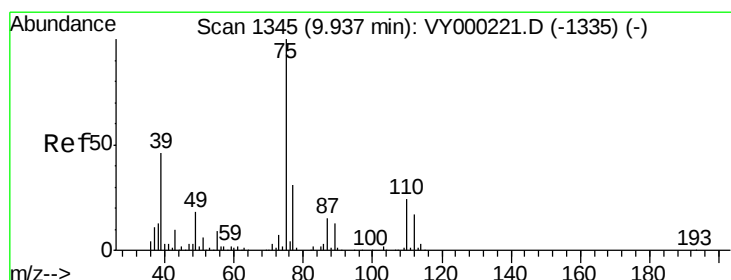
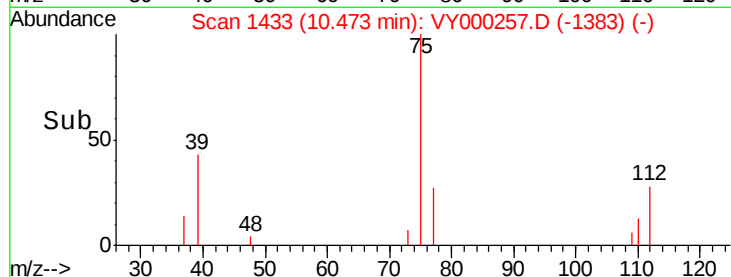
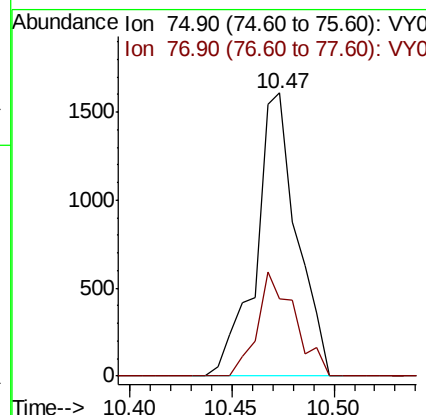
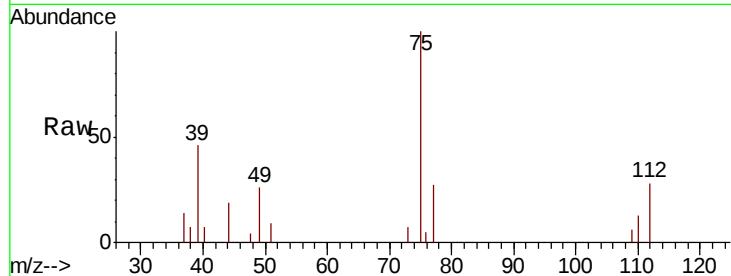




#53
 t-1,3-Dichloropropene
 Concen: 0.422 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

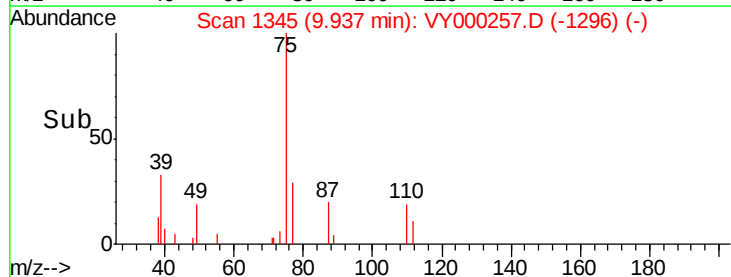
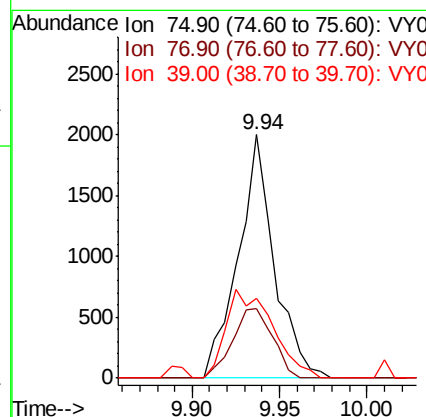
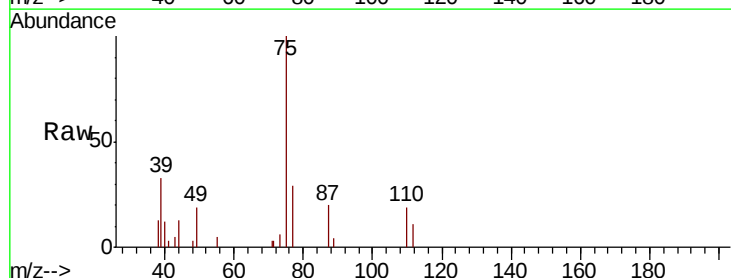
Instrument :
 MSVOA_Y
 ClientSampleId :

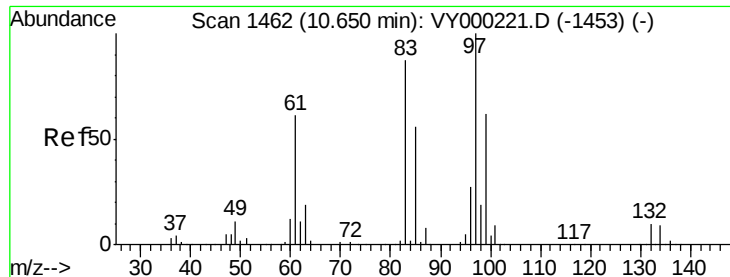
Tot Ion: 75 Resp: 2257
 Ion Ratio Lower Upper
 75 100
 77 27.1 25.3 37.9



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

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

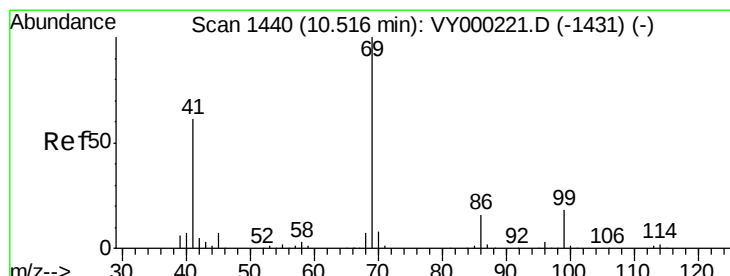
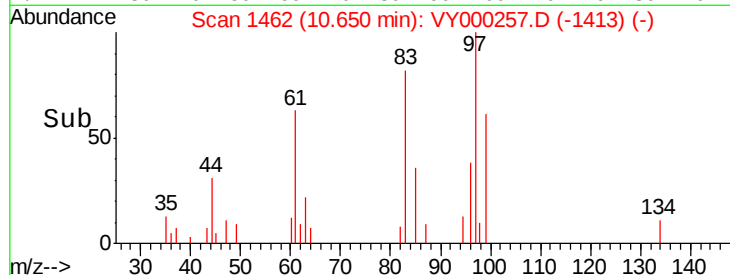
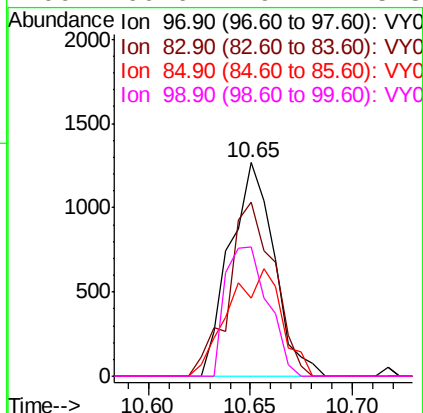
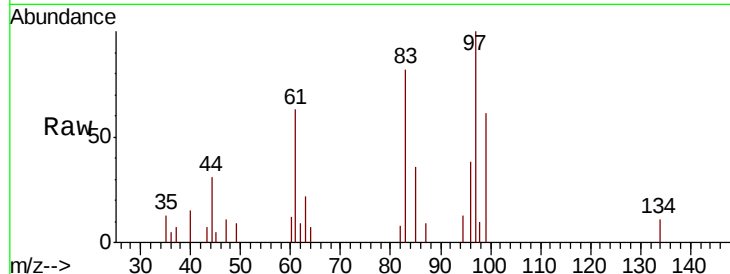




#55
 1,1,2-Trichloroethane
 Concen: 0.554 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

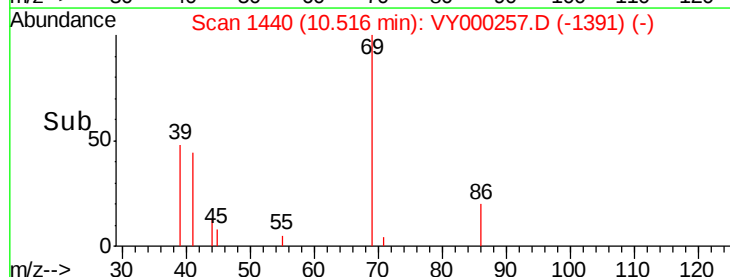
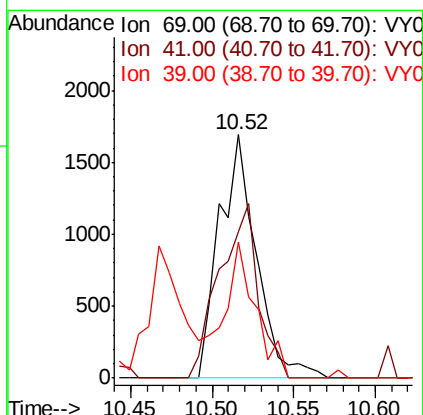
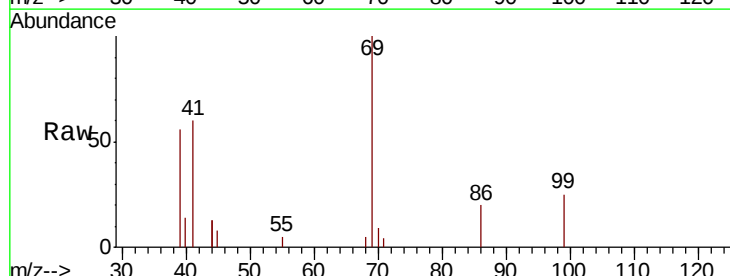
Instrument :
 MSVOA_Y
 ClientSampleId :

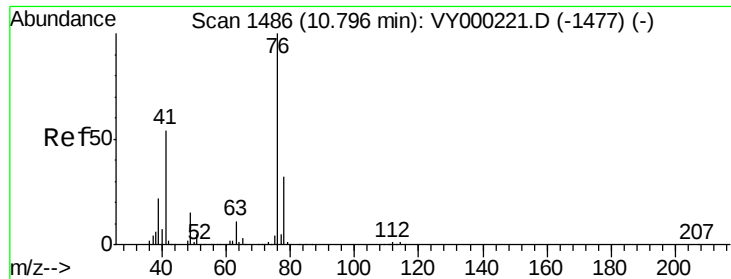
Tot Ion: 97 Resp: 1925
 Ion Ratio Lower Upper
 97 100
 83 81.8 69.4 104.0
 85 36.3 44.6 66.8#
 99 60.6 49.2 73.8



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

Tgt Ion: 69 Resp: 2680
 Ion Ratio Lower Upper
 69 100
 41 74.7 51.2 76.8
 39 47.6 27.0 40.4#

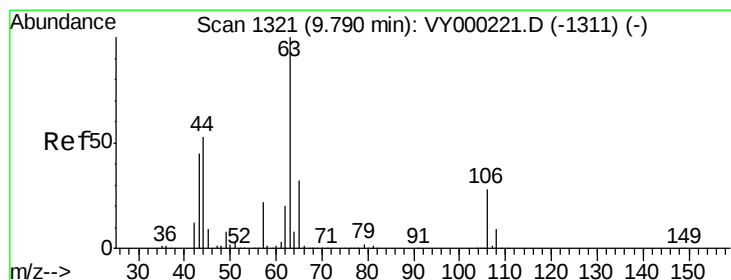
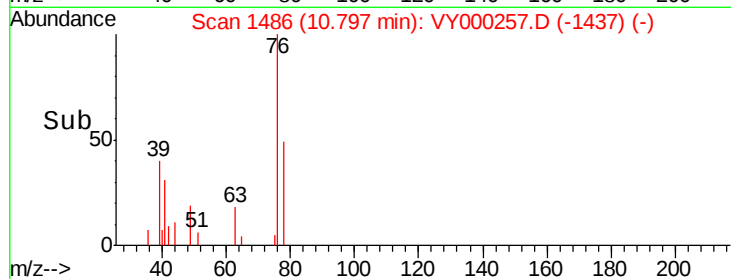
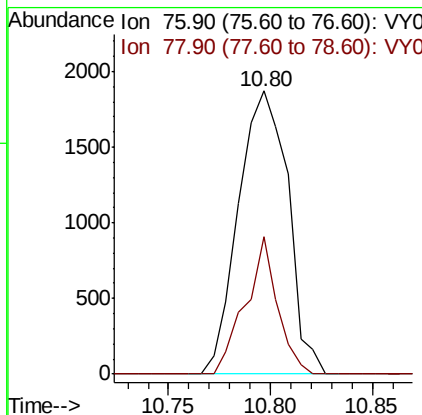
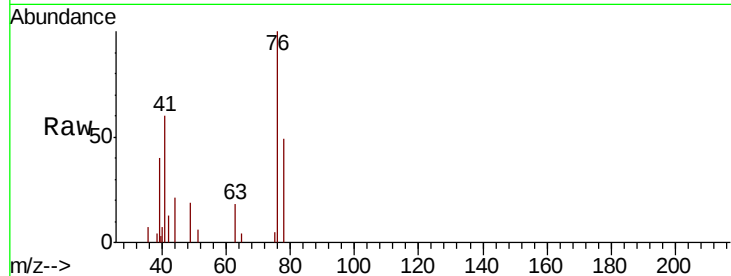




#57
 1,3-Dichloropropane
 Concen: 0.531 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

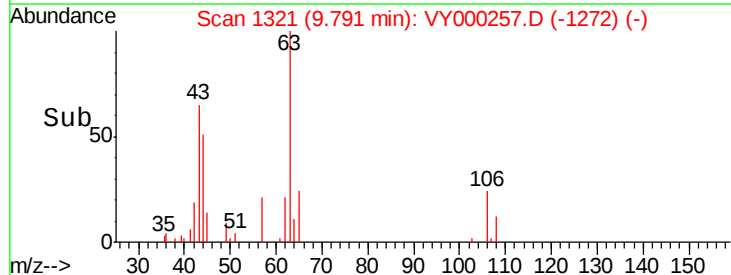
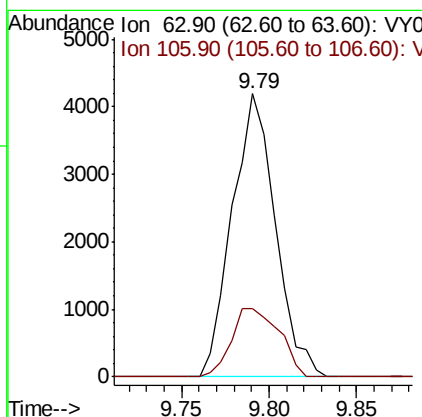
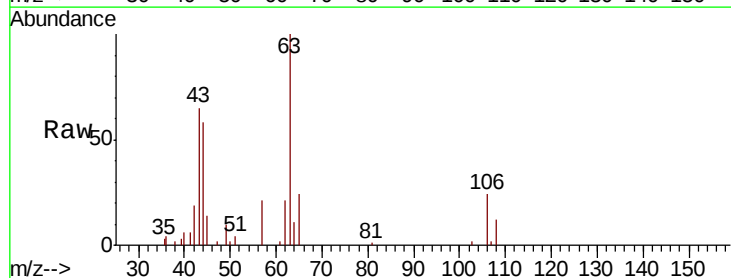
Instrument :
 MSVOA_Y
 ClientSampleId :

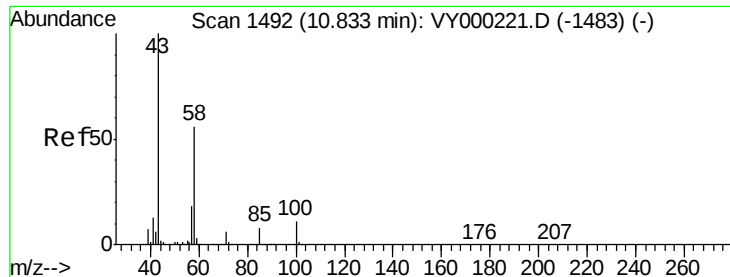
Tot Ion: 76 Resp: 3153
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.0 39.0



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

Tgt Ion: 63 Resp: 7201
 Ion Ratio Lower Upper
 63 100
 106 26.7 22.6 33.8

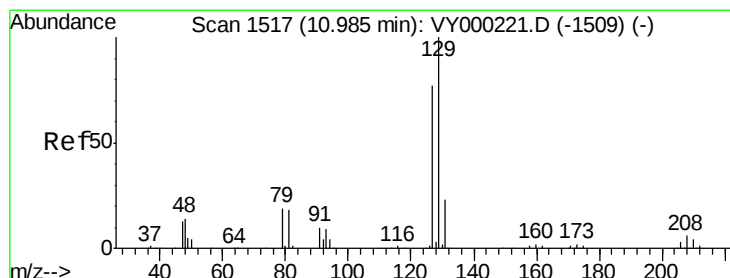
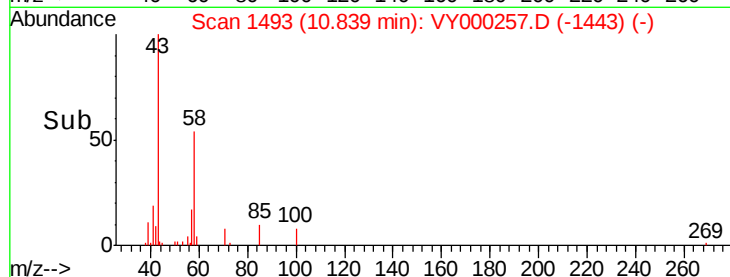
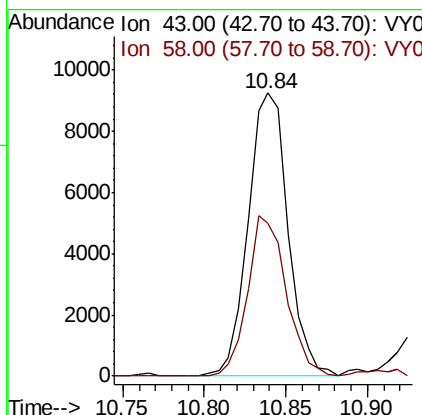
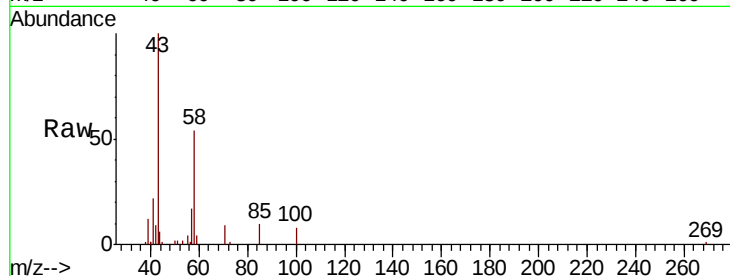




#59
2-Hexanone
Concen: Below Cal
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

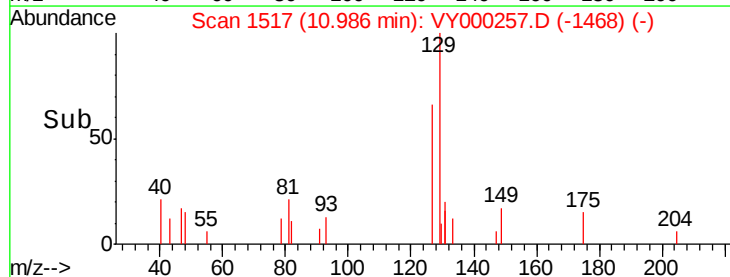
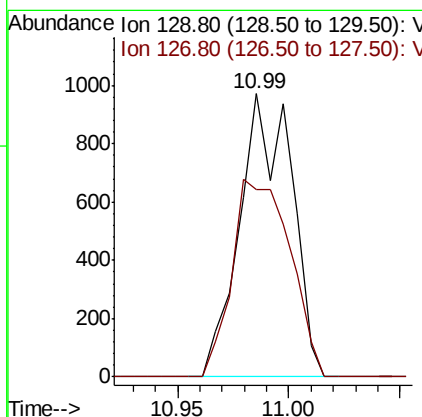
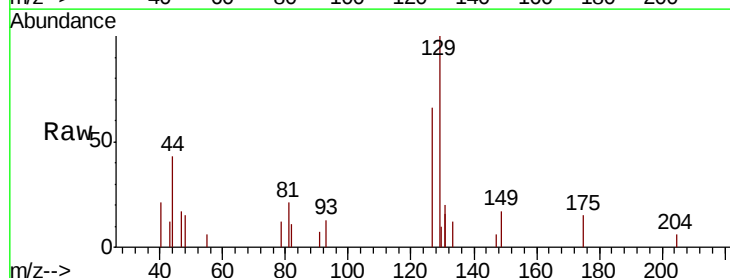
Instrument :
MSVOA_Y
ClientSampled :

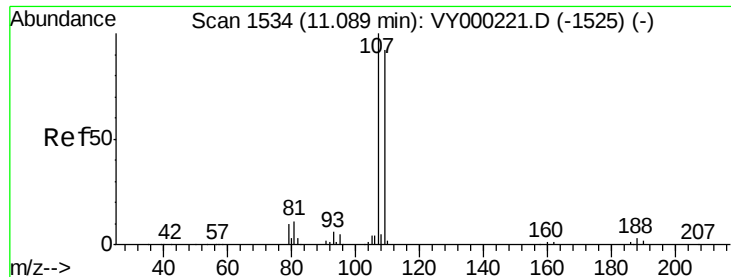
Tot Ion: 43 Resp: 15668
Ion Ratio Lower Upper
43 100
58 54.9 28.2 84.6



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

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

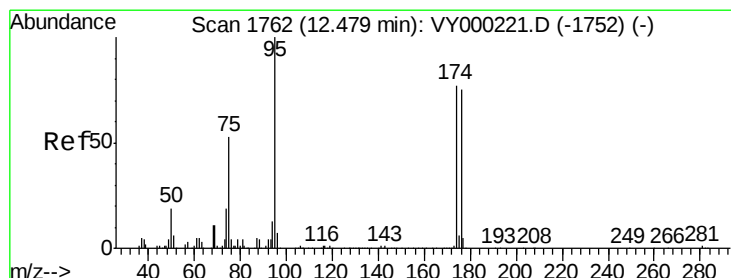
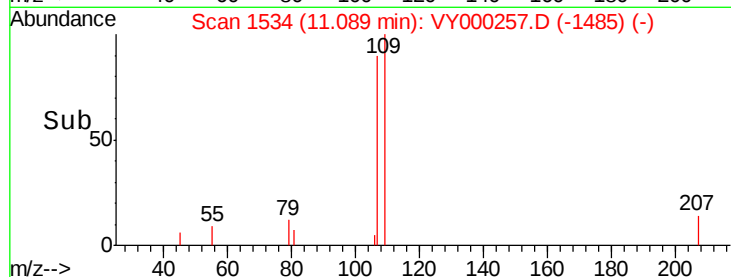
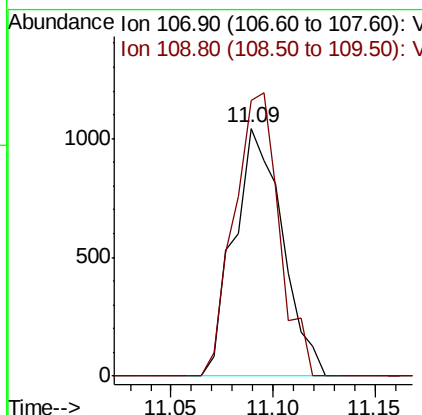
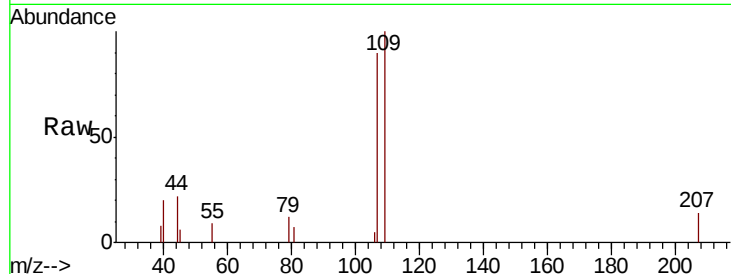




#61
 1,2-Dibromoethane
 Concen: 0.468 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

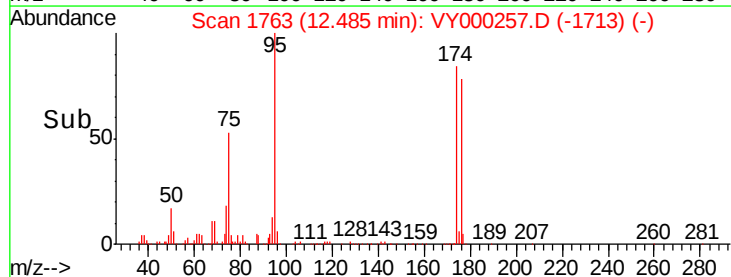
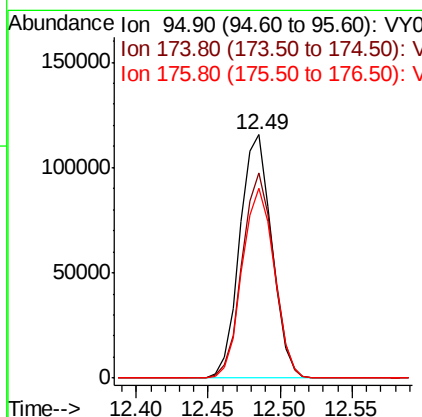
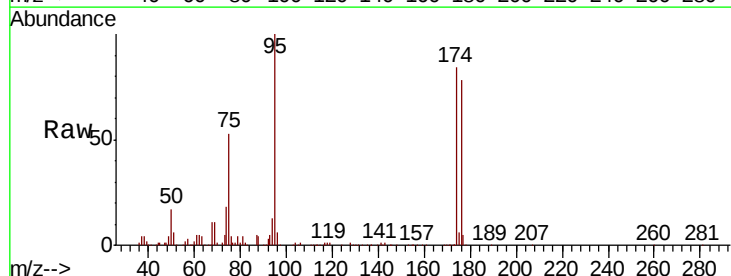
Instrument :
 MSVOA_Y
 ClientSampled :

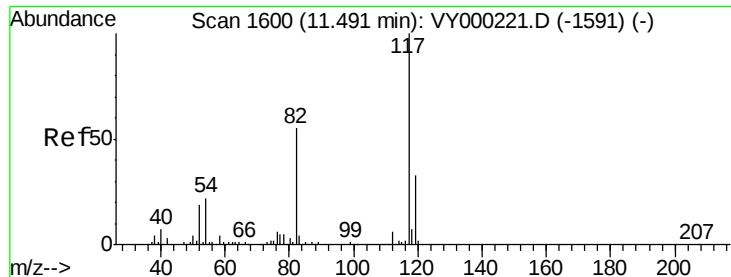
Tot Ion:107 Resp: 1729
 Ion Ratio Lower Upper
 107 100
 109 105.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 46.272 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Tgt Ion: 95 Resp: 177915
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 157.0
 176 78.5 0.0 153.0

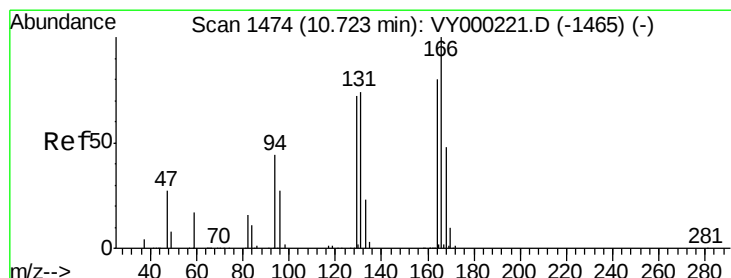
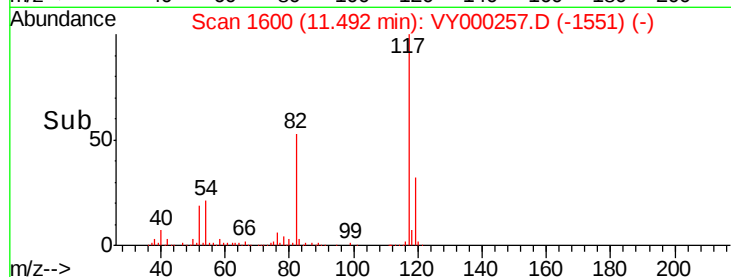
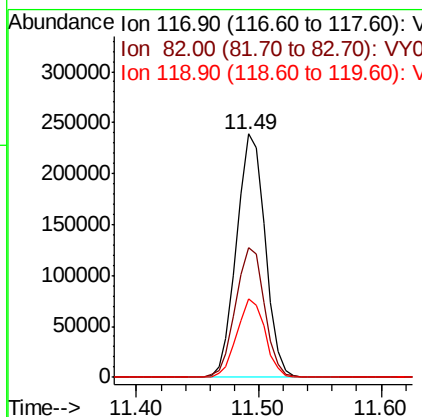
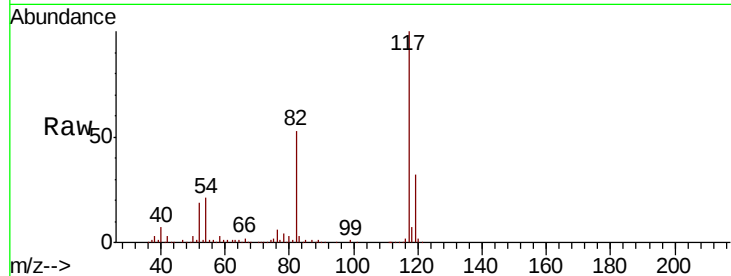




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

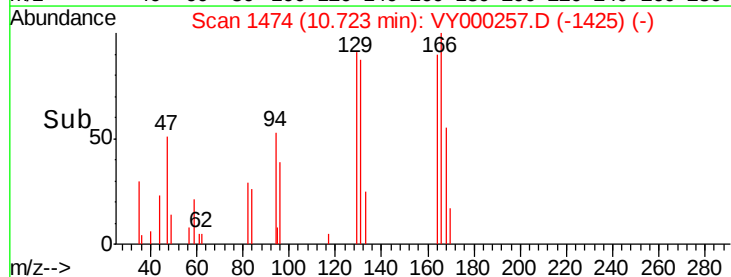
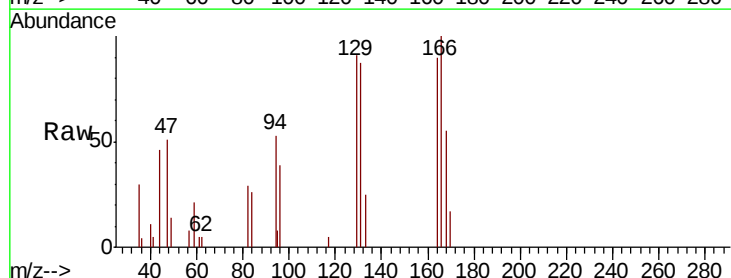
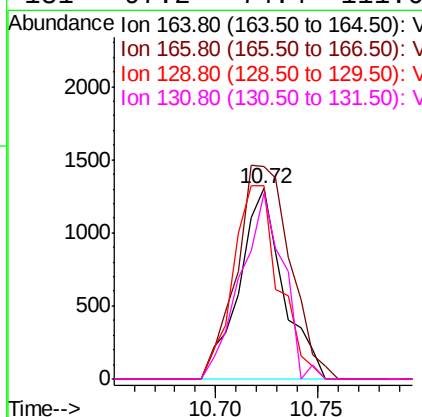
Instrument :
MSVOA_Y
ClientSampleId :

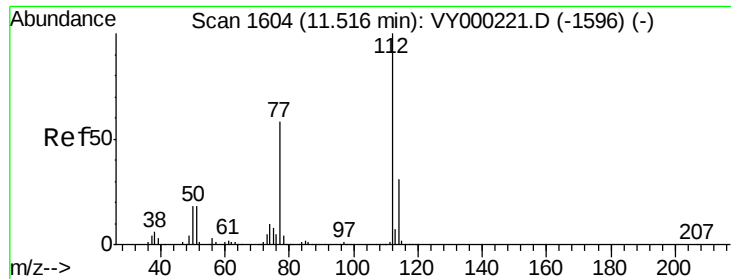
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.4	66.6
119	32.3	26.2	39.2



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

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





#65

Chlorobenzene

Concen: 0.486 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

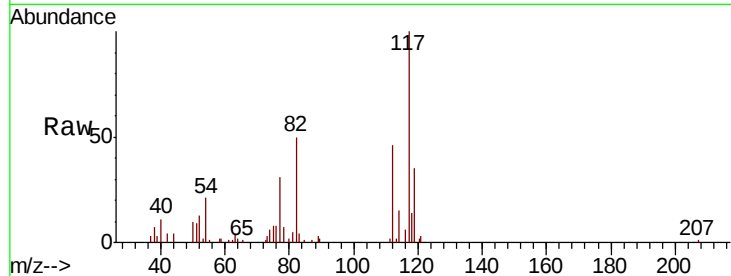
ClientSampleId :

Tot Ion:112 Resp: 4345

Ion Ratio Lower Upper

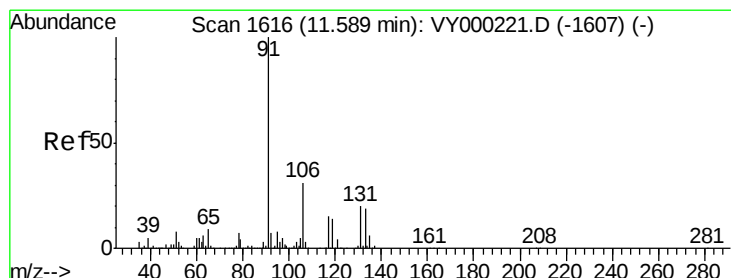
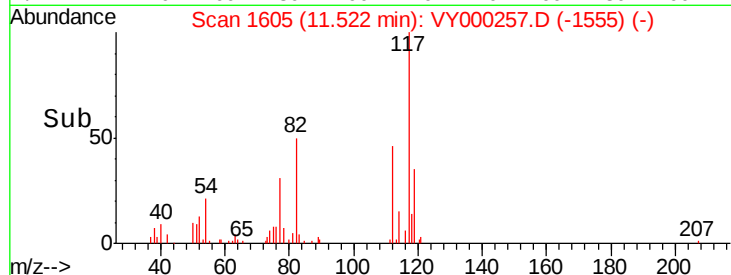
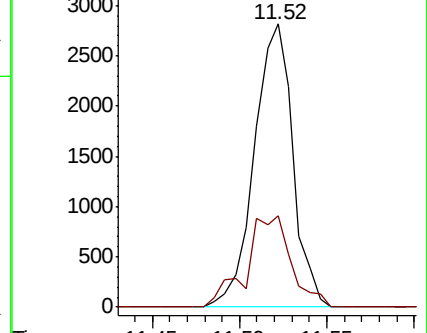
112 100

114 32.4 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.551 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

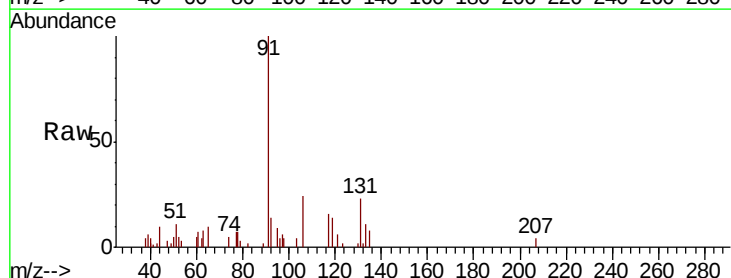
Tgt Ion:131 Resp: 1762

Ion Ratio Lower Upper

131 100

133 78.8 47.0 141.2

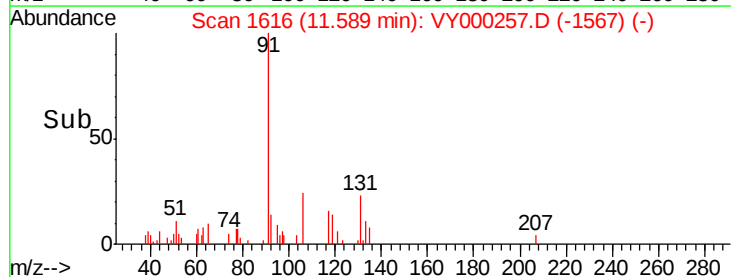
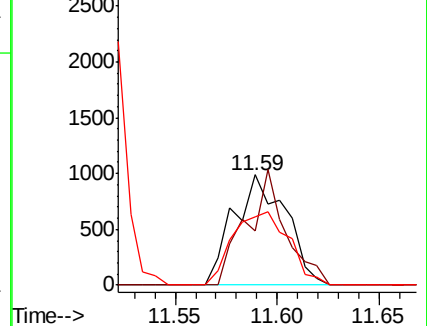
119 0.0 33.3 99.8#

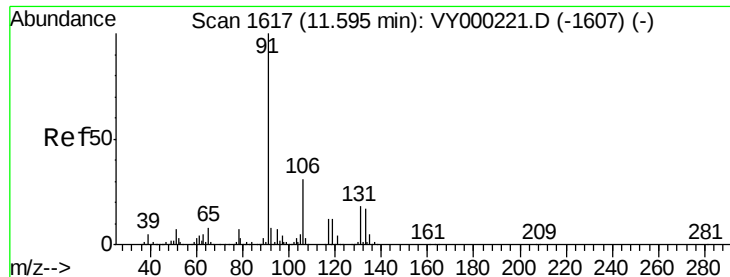


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

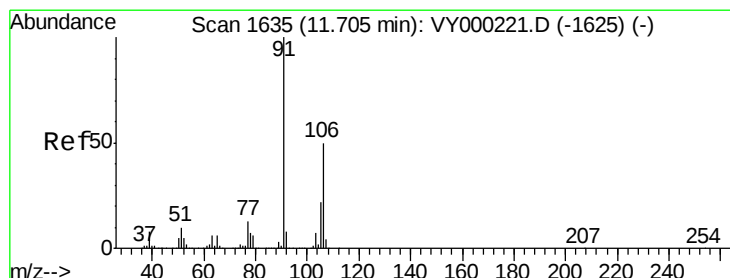
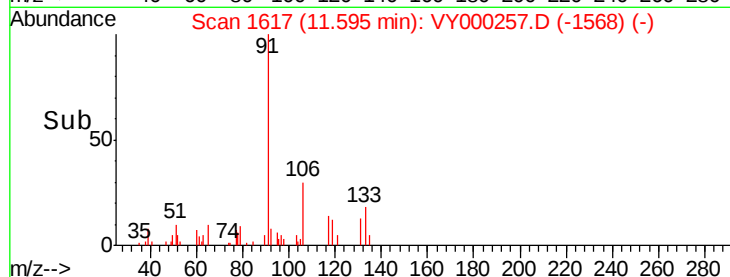
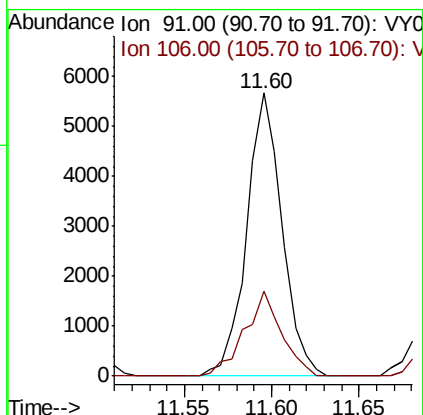
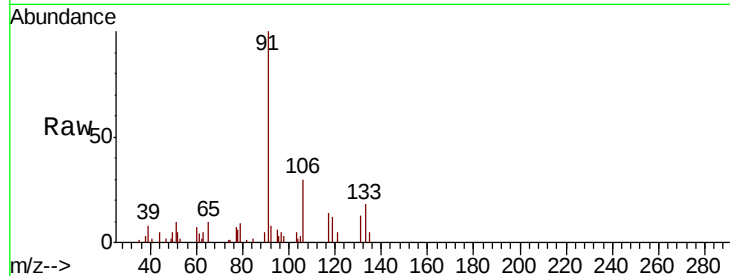




#67
Ethyl Benzene
Concen: 0.497 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

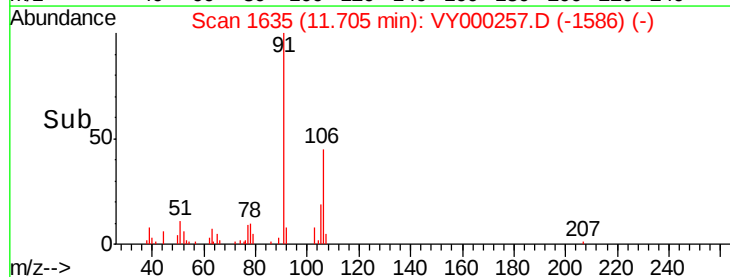
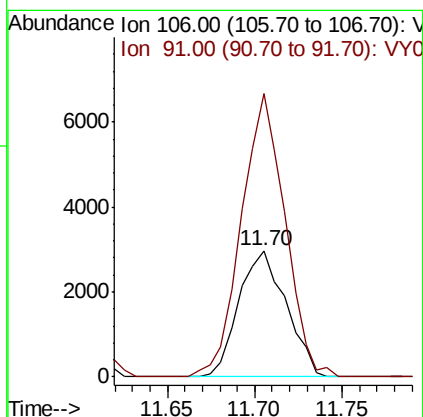
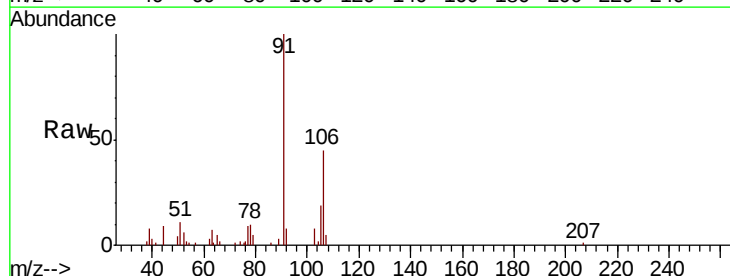
Instrument :
MSVOA_Y
ClientSampleId :

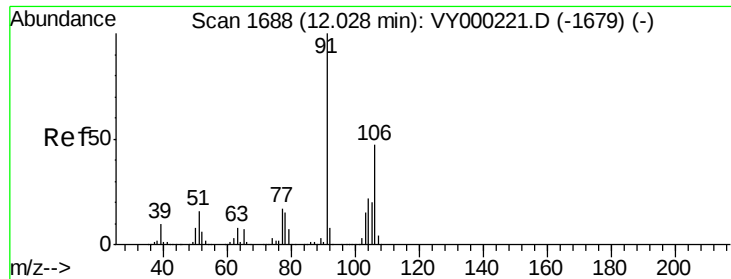
Tot Ion: 91 Resp: 7943
Ion Ratio Lower Upper
91 100
106 29.9 25.2 37.8



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

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

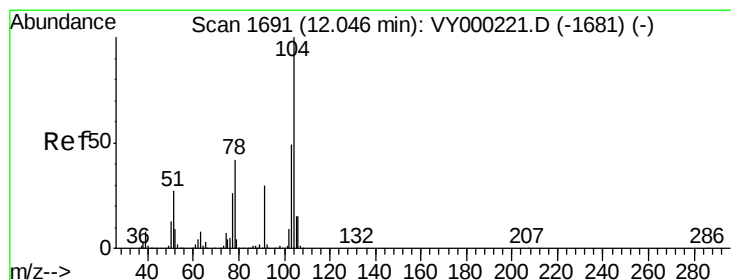
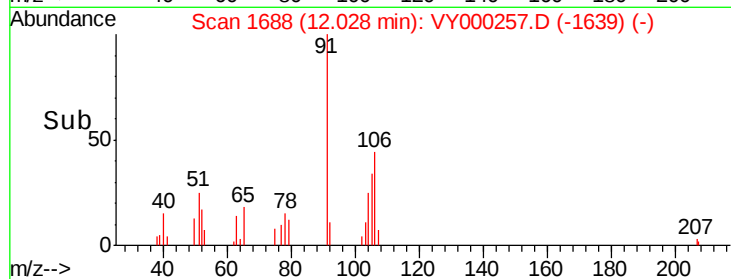
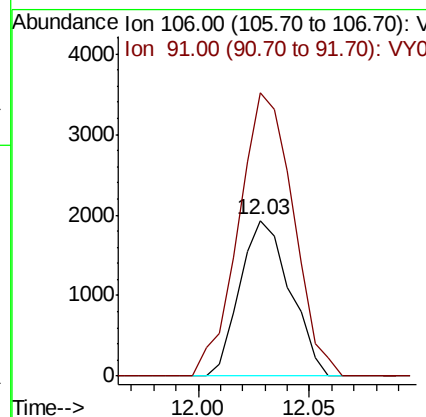
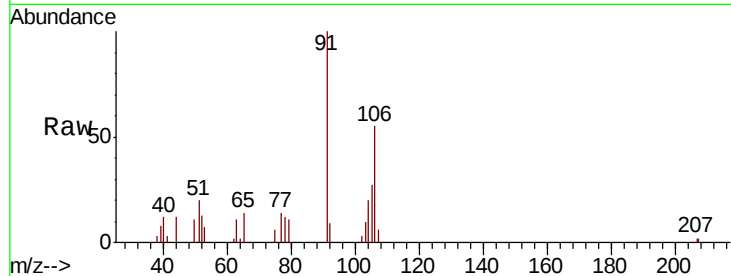




#69
o-Xylene
Concen: 0.517 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

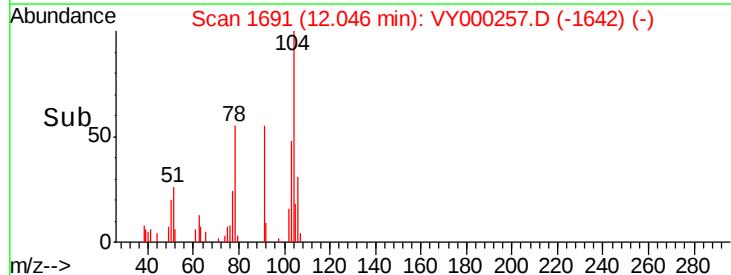
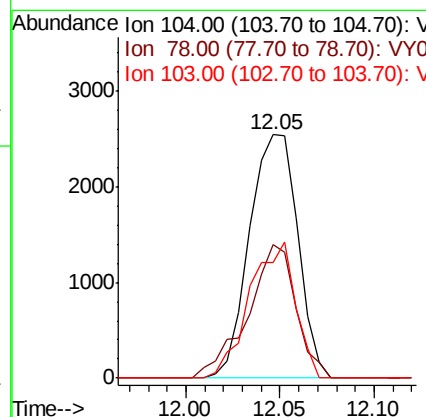
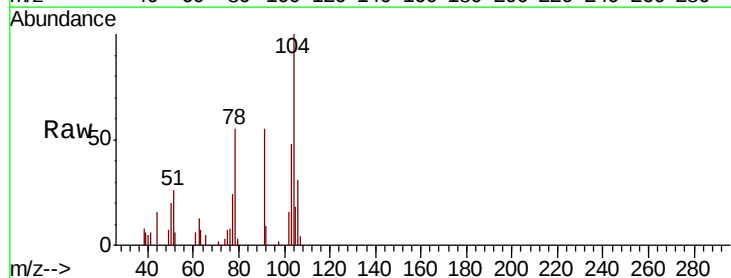
Instrument :
MSVOA_Y
ClientSampled :

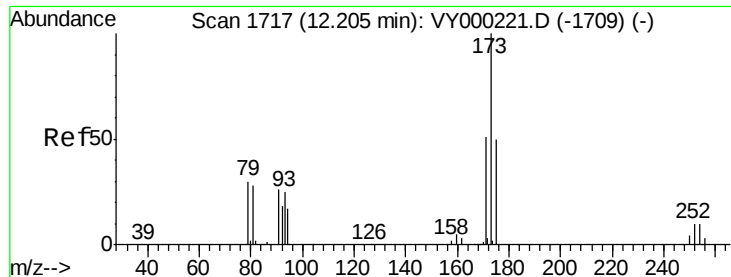
Tot Ion:106 Resp: 3037
Ion Ratio Lower Upper
106 100
91 197.8 106.1 318.1



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

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

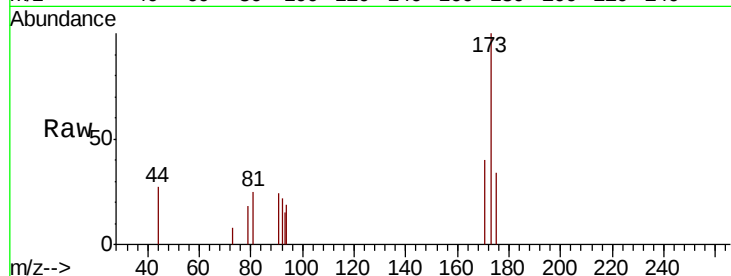




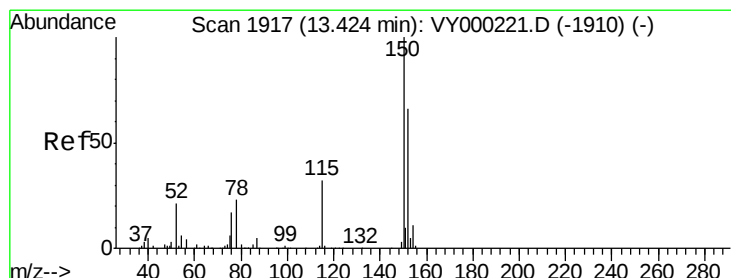
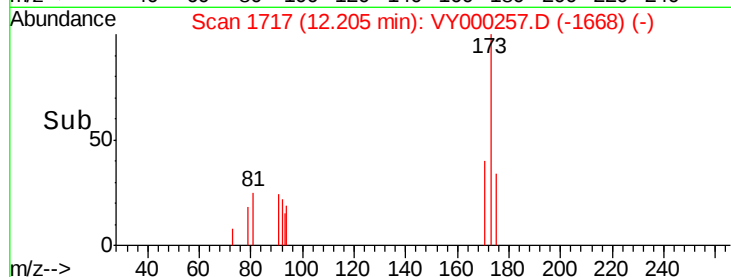
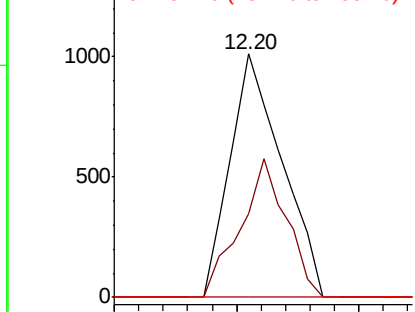
#71
Bromoform
Concen: 0.568 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:173 Resp: 1499
Ion Ratio Lower Upper
173 100
175 50.4 24.8 74.3
254 0.0 0.1 0.1#

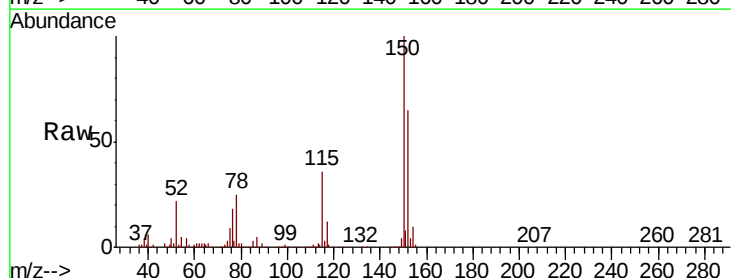


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

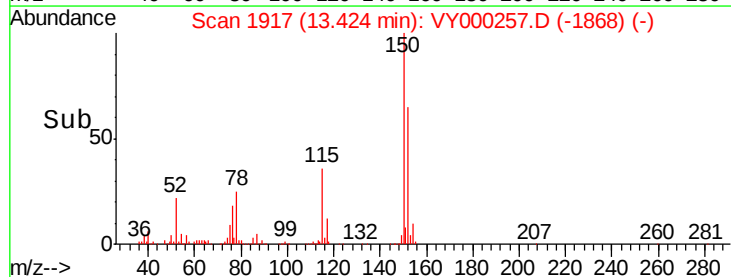
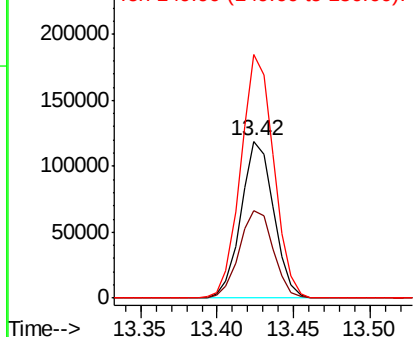


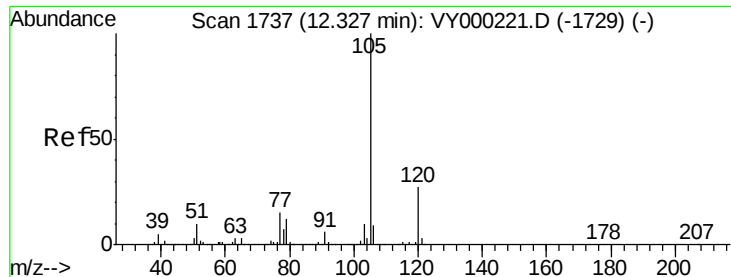
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion:152 Resp: 176273
Ion Ratio Lower Upper
152 100
115 58.2 29.3 88.0
150 157.2 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: 0.454 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

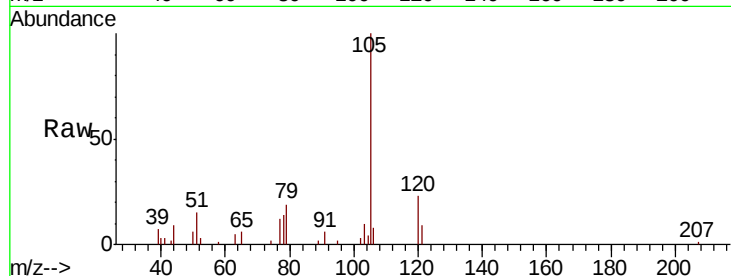
ClientSampled :

Tot Ion: 105 Resp: 6781

Ion Ratio Lower Upper

105 100

120 29.4 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

5000

4000

3000

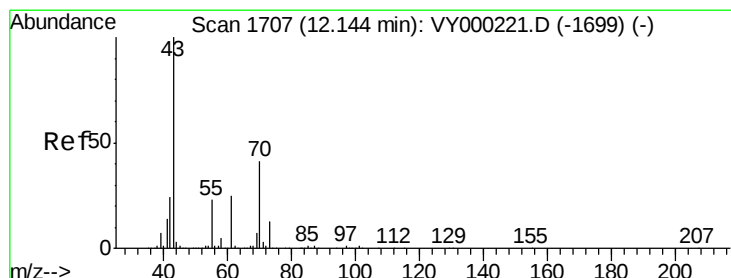
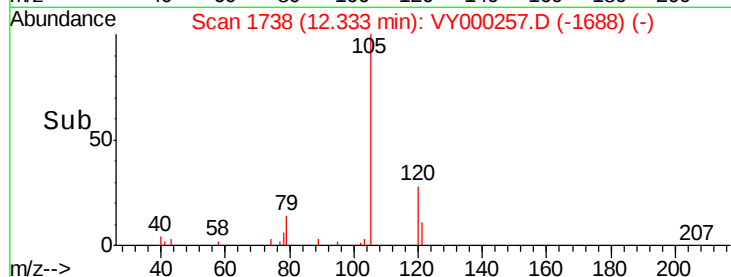
2000

1000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 0.534 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Tgt Ion: 43 Resp: 3223

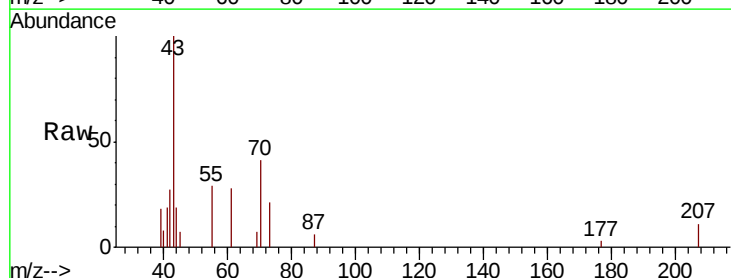
Ion Ratio Lower Upper

43 100

70 36.0 34.9 52.3

55 19.2 18.2 27.2

61 25.1 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

3000

2500

2000

1500

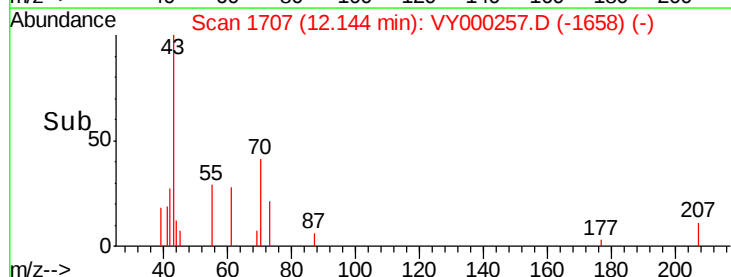
1000

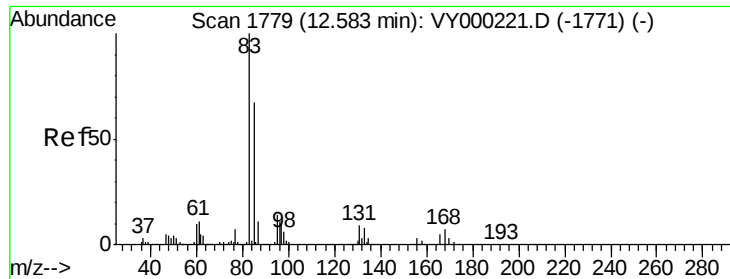
500

0

Time-->

12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 0.507 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

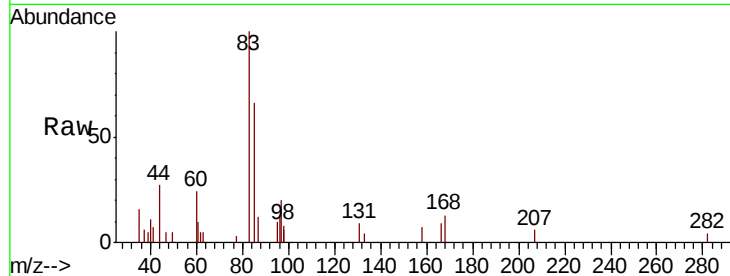
Tot Ion: 83 Resp: 2584

Ion Ratio Lower Upper

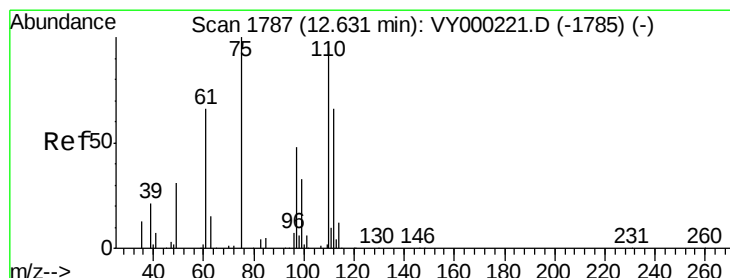
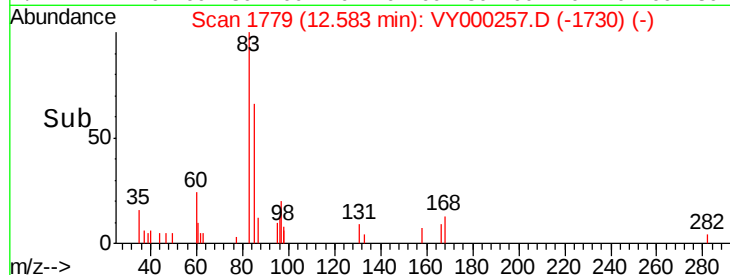
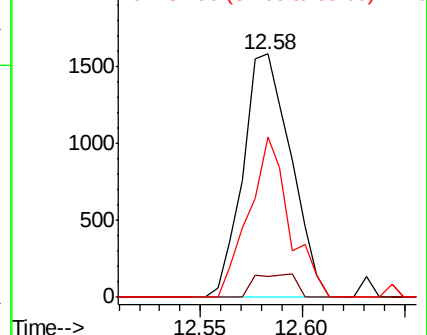
83 100

131 8.2 4.8 14.3

85 56.1 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 0.895 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY000257.D

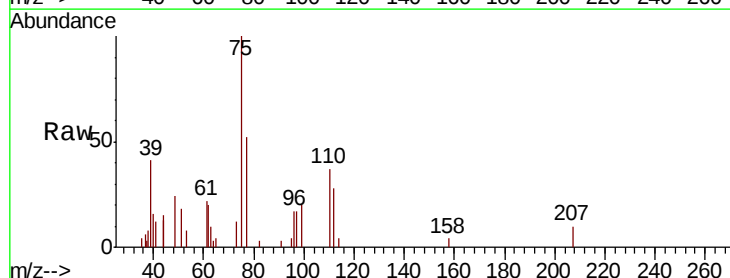
Acq: 10 Oct 2019 16:45

Tgt Ion: 75 Resp: 4167

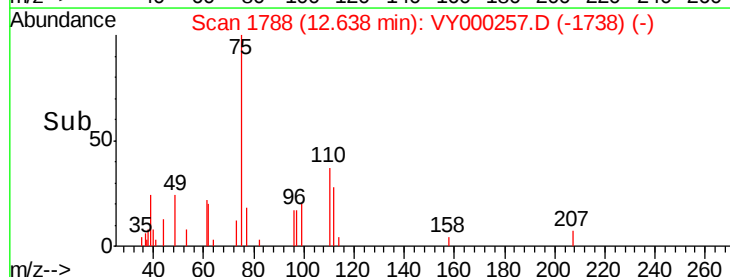
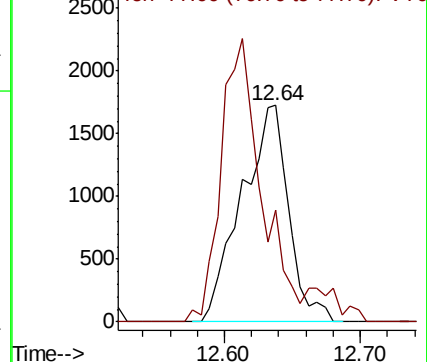
Ion Ratio Lower Upper

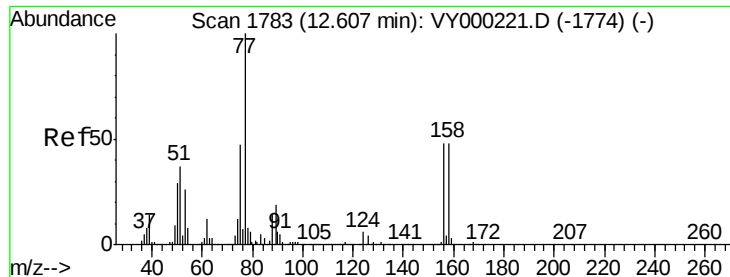
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 0.528 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

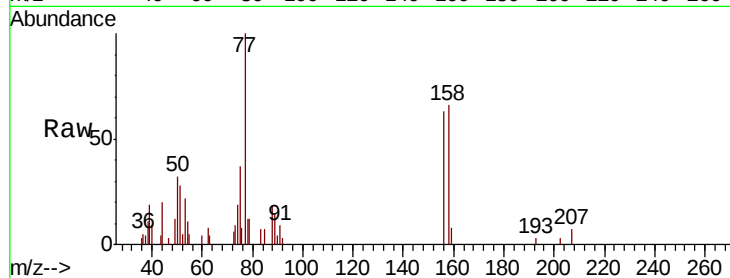
Tot Ion:156 Resp: 1851

Ion Ratio Lower Upper

156 100

77 250.9 118.1 354.3

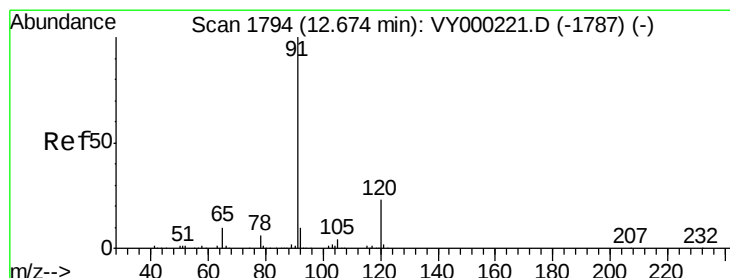
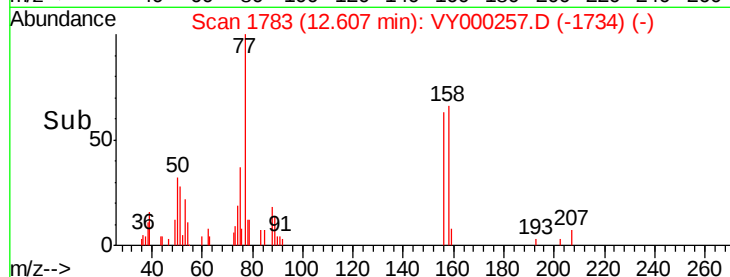
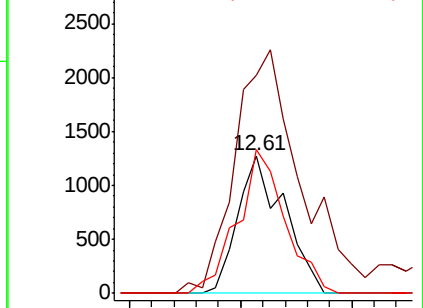
158 107.5 47.8 143.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.470 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000257.D

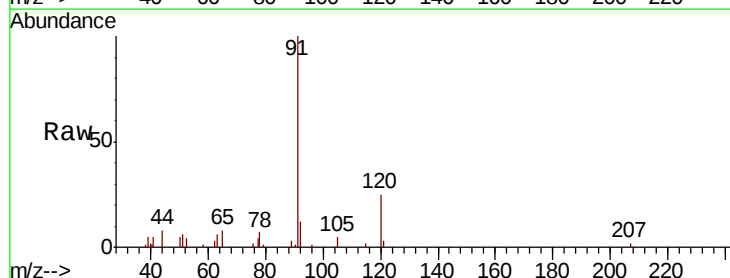
Acq: 10 Oct 2019 16:45

Tgt Ion: 91 Resp: 8204

Ion Ratio Lower Upper

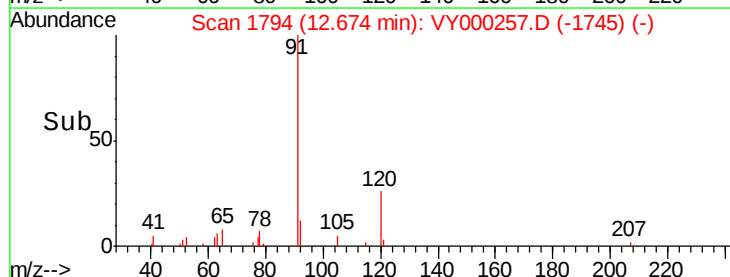
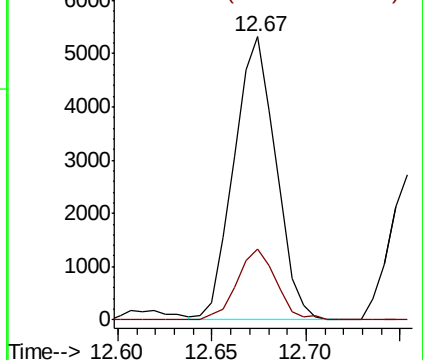
91 100

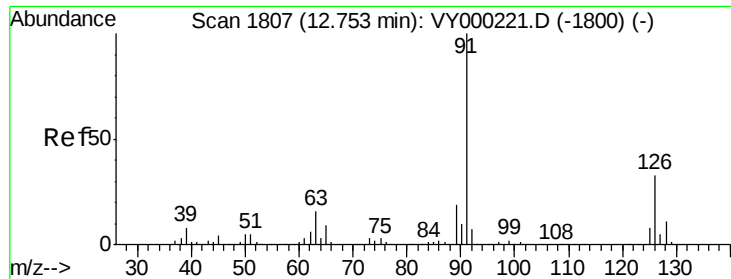
120 23.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

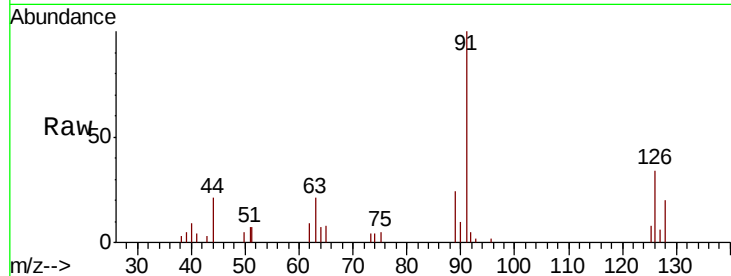




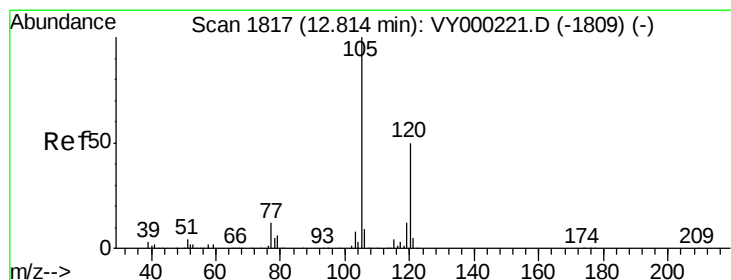
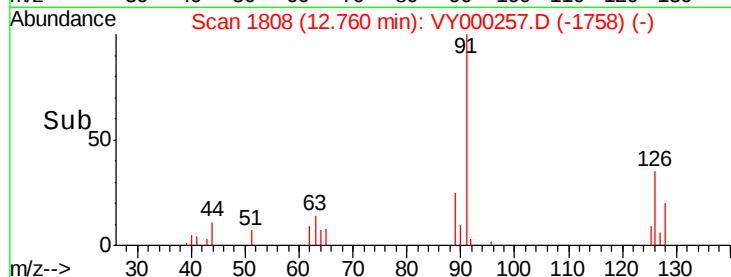
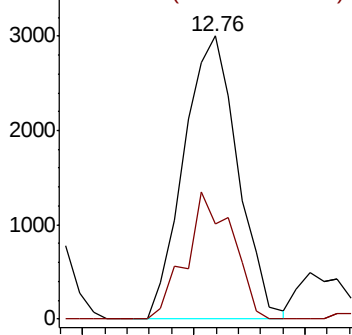
#79
2-Chlorotoluene
Concen: 0.504 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 5059
Ion Ratio Lower Upper
91 100
126 38.6 17.2 51.6

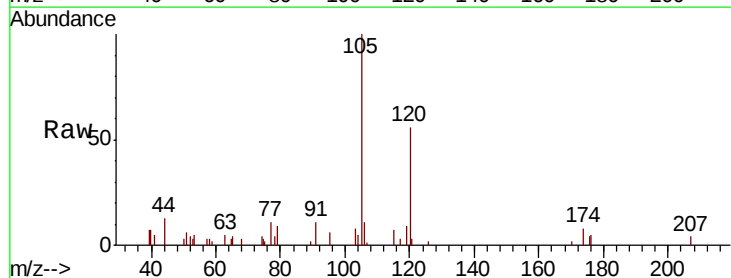


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

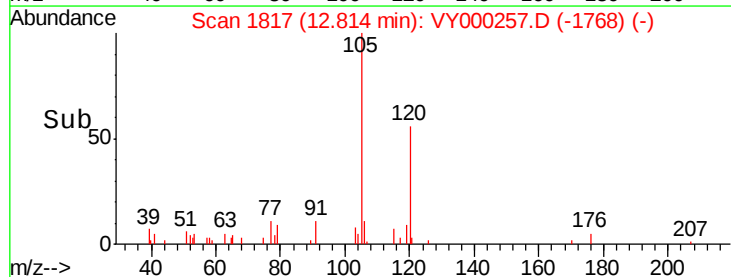
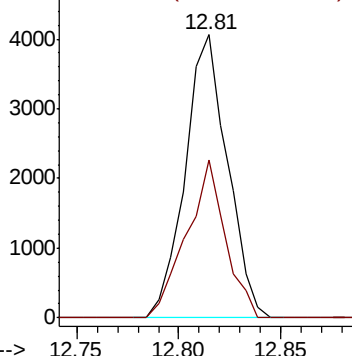


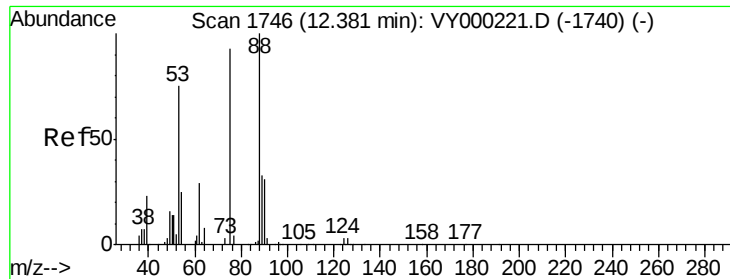
#80
1,3,5-Trimethylbenzene
Concen: 0.468 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion: 105 Resp: 5839
Ion Ratio Lower Upper
105 100
120 51.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 39.186 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

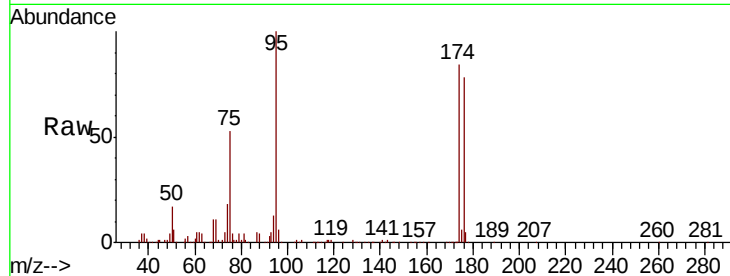
Tot Ion: 75 Resp: 93531

Ion Ratio Lower Upper

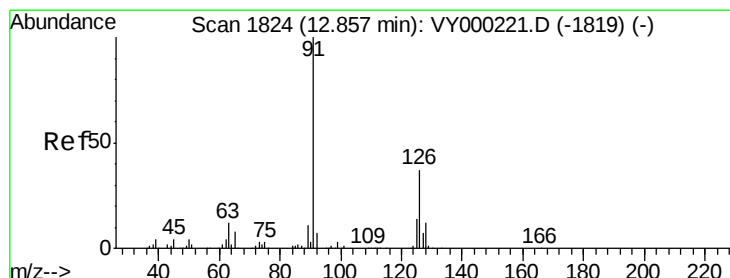
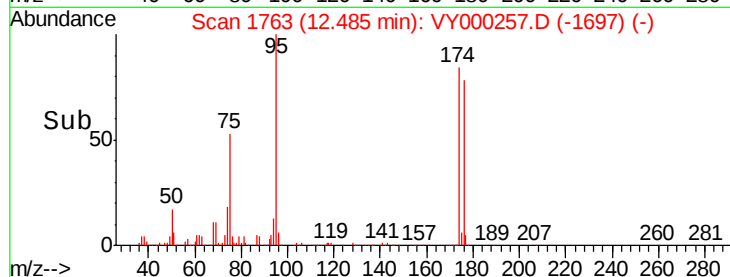
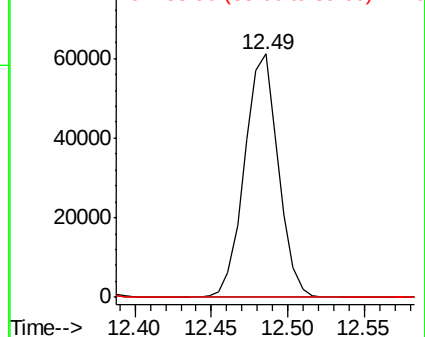
75 100

53 0.0 66.5 99.7#

89 0.1 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: 0.529 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000257.D

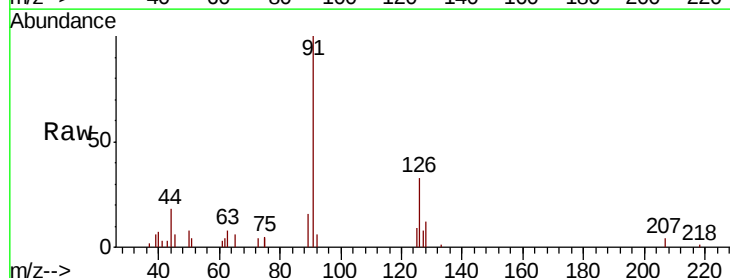
Acq: 10 Oct 2019 16:45

Tgt Ion: 91 Resp: 5381

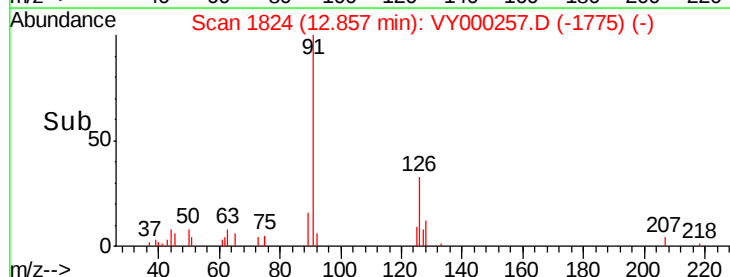
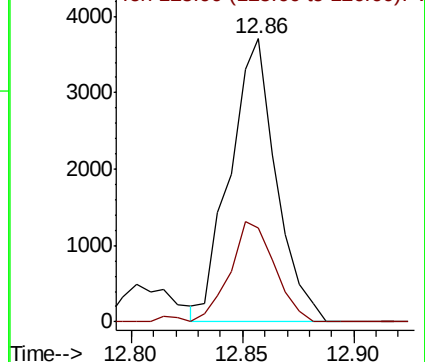
Ion Ratio Lower Upper

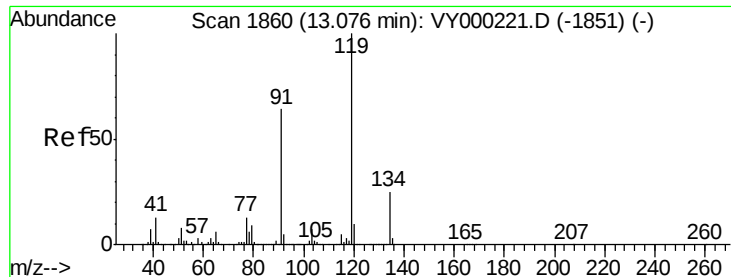
91 100

126 34.8 17.3 52.0



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

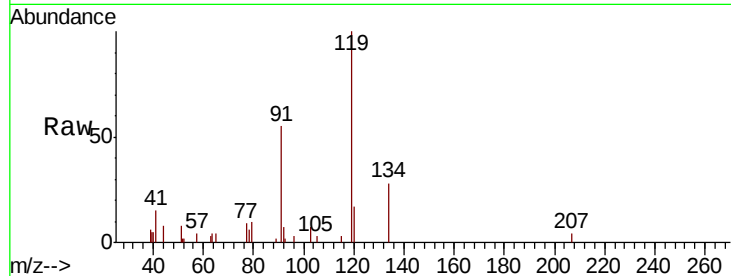




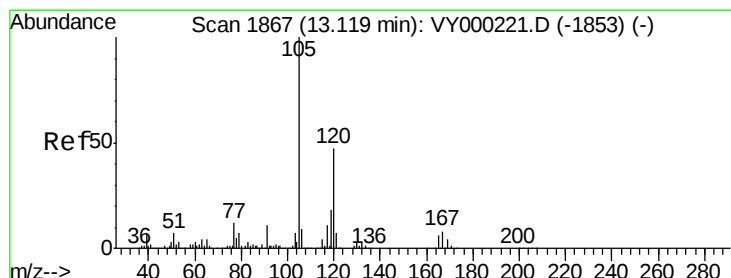
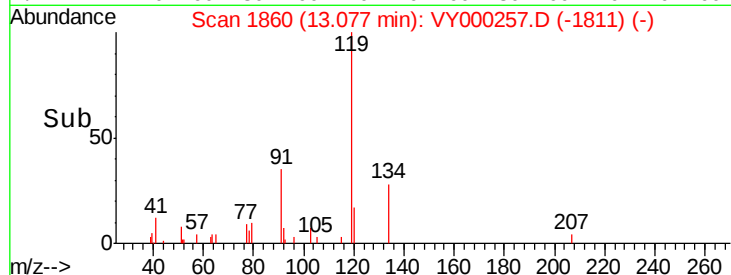
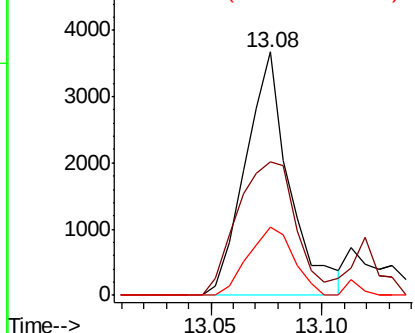
#83
tert-Butylbenzene
Concen: 0.465 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 5042
Ion Ratio Lower Upper
119 100
91 72.9 32.4 97.2
134 28.8 13.2 39.6

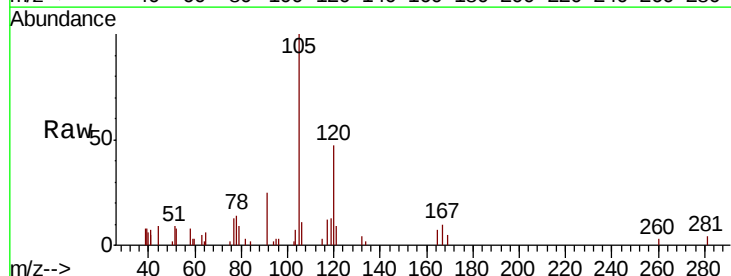


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

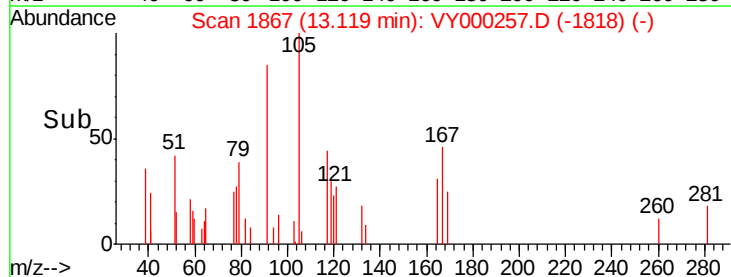
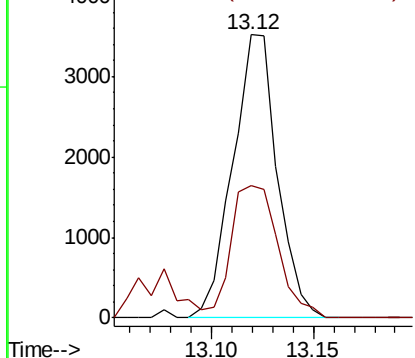


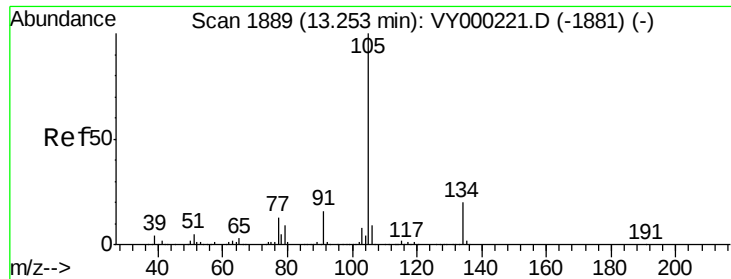
#84
1,2,4-Trimethylbenzene
Concen: 0.429 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion:105 Resp: 5341
Ion Ratio Lower Upper
105 100
120 49.1 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.452 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

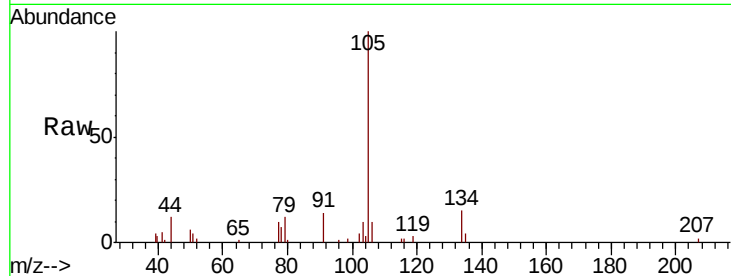
ClientSampleId :

Tot Ion:105 Resp: 6745

Ion Ratio Lower Upper

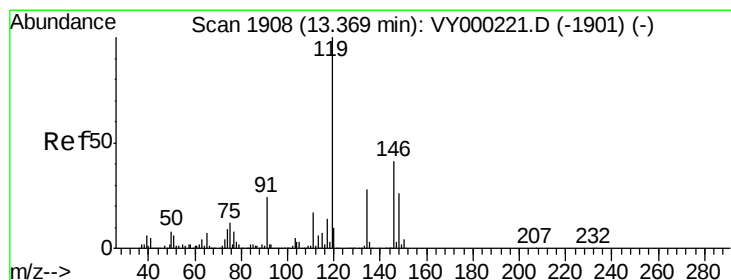
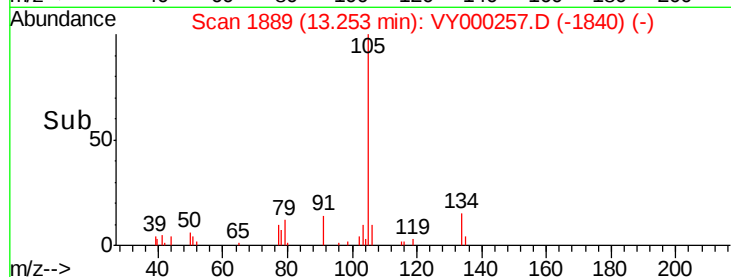
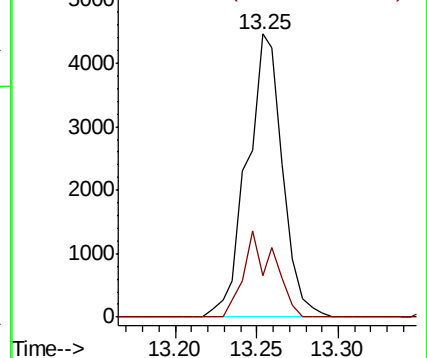
105 100

134 25.7 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.426 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

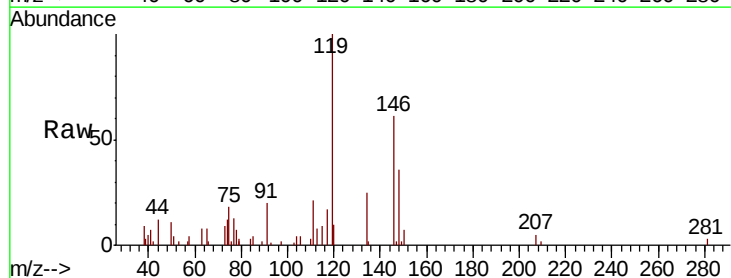
Tgt Ion:119 Resp: 5600

Ion Ratio Lower Upper

119 100

134 29.1 13.3 39.9

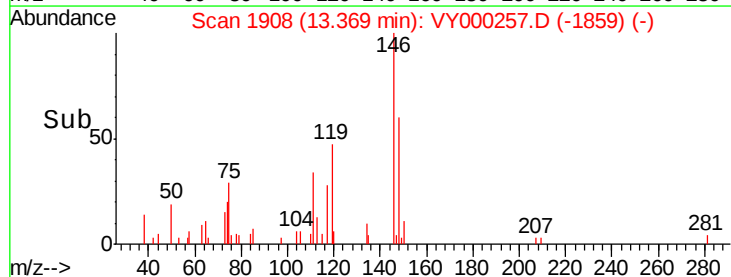
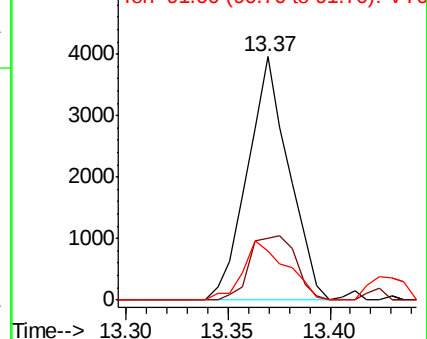
91 25.5 11.7 35.1

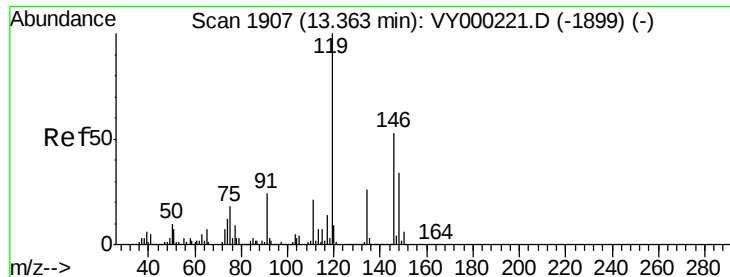


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 0.528 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

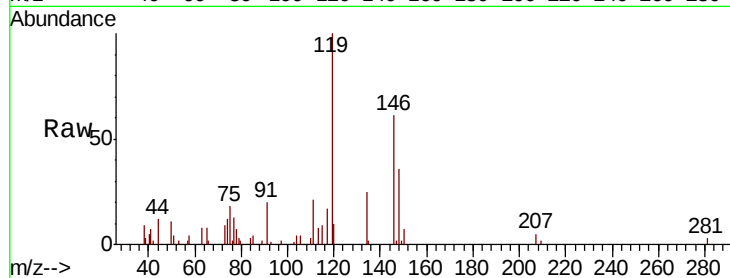
Tot Ion:146 Resp: 3354

Ion Ratio Lower Upper

146 100

111 42.0 20.3 60.8

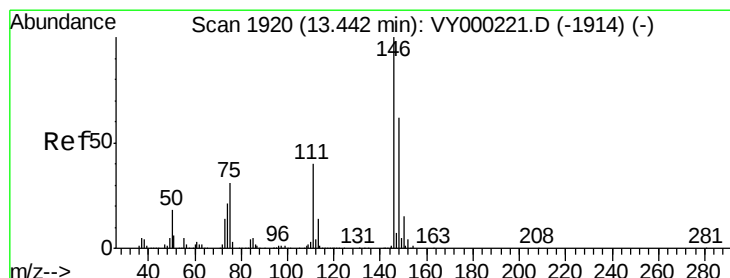
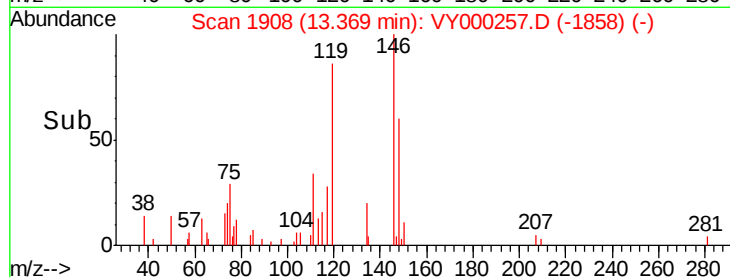
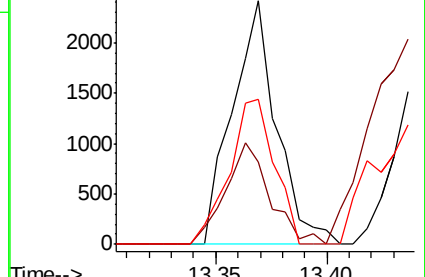
148 60.9 31.7 95.1



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: 0.507 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.07 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

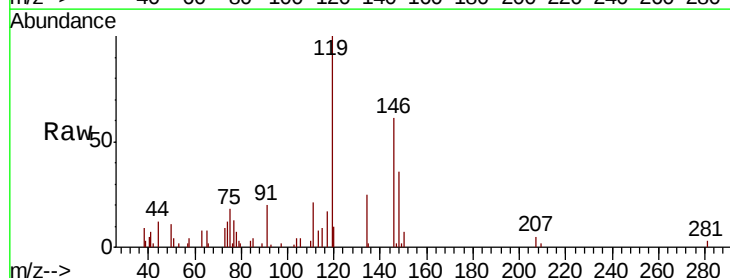
Tgt Ion:146 Resp: 3354

Ion Ratio Lower Upper

146 100

111 42.0 19.8 59.3

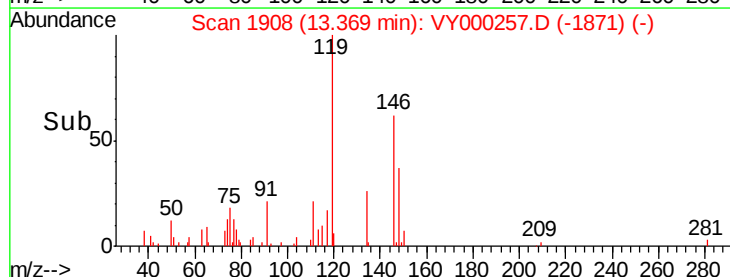
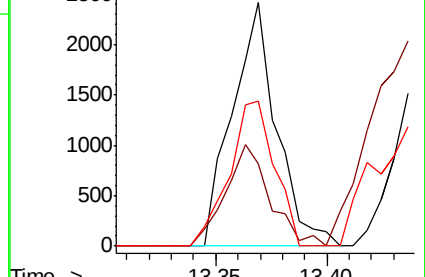
148 60.9 31.6 94.8

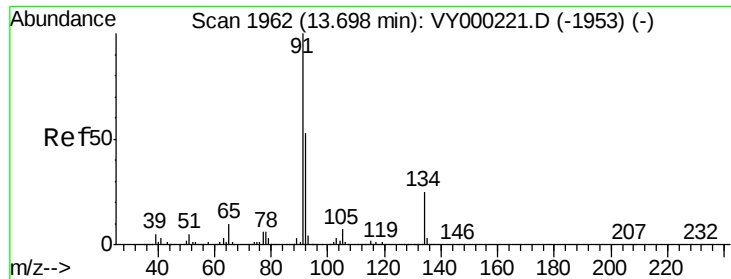


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

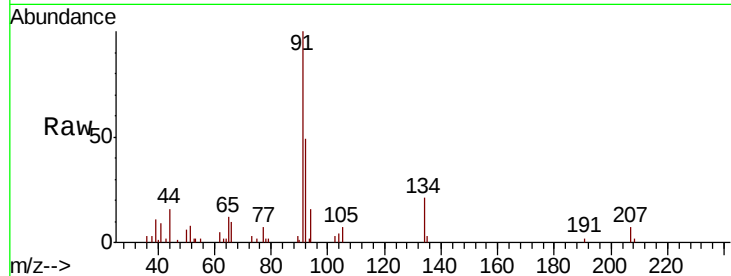




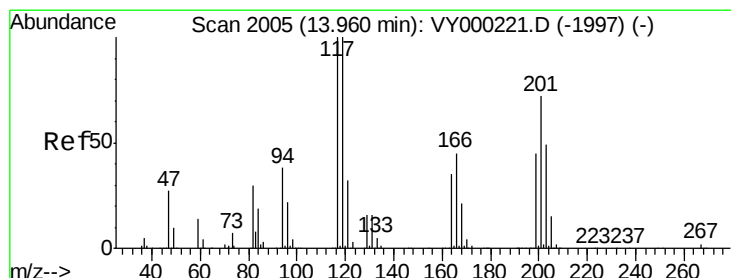
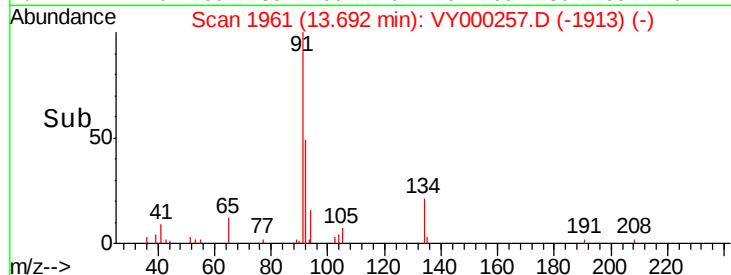
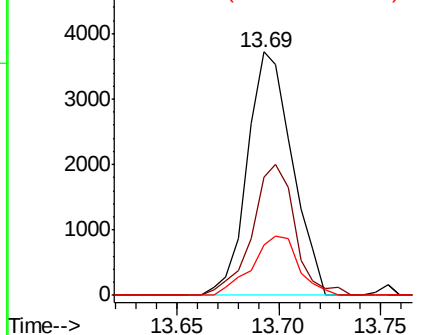
#89
n-Butylbenzene
Concen: 0.460 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 5693
Ion Ratio Lower Upper
91 100
92 51.4 27.0 80.8
134 25.2 12.8 38.4

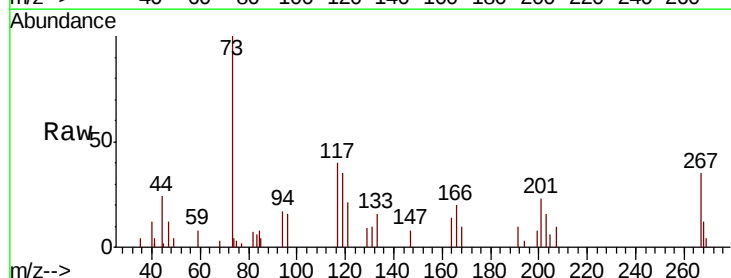


Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1953) (-)
Ion 92.00 (91.70 to 92.70): VY000221.D (-1953) (-)
Ion 134.00 (133.70 to 134.70): VY000221.D (-1953) (-)

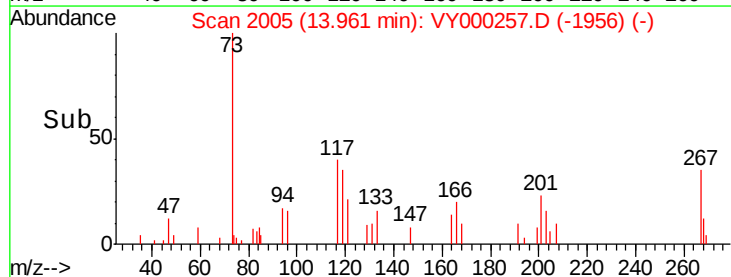
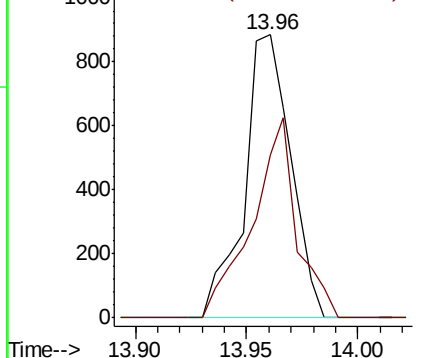


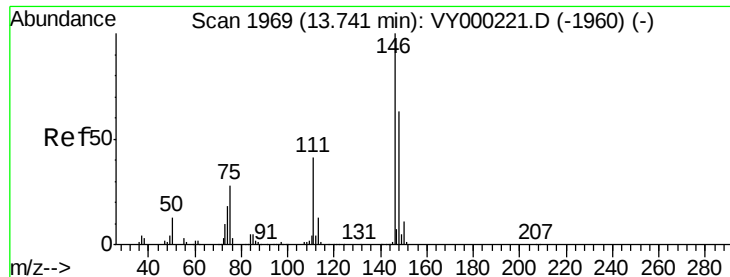
#90
Hexachloroethane
Concen: 0.516 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Tgt Ion: 117 Resp: 1282
Ion Ratio Lower Upper
117 100
201 67.7 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) (-)





#91

1,2-Dichlorobenzene

Concen: 0.490 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

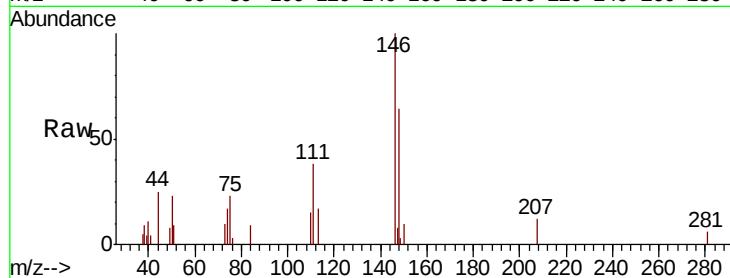
Tot Ion:146 Resp: 3147

Ion Ratio Lower Upper

146 100

111 41.8 20.9 62.8

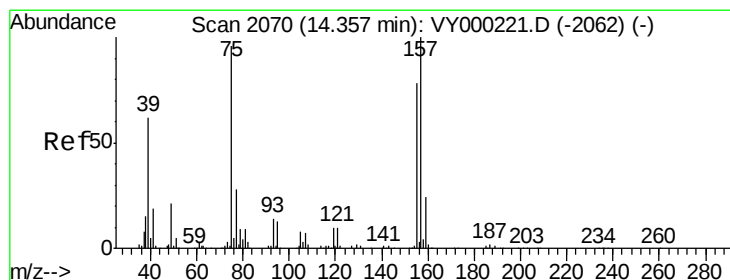
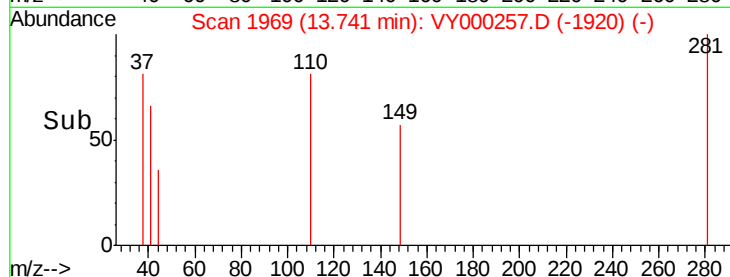
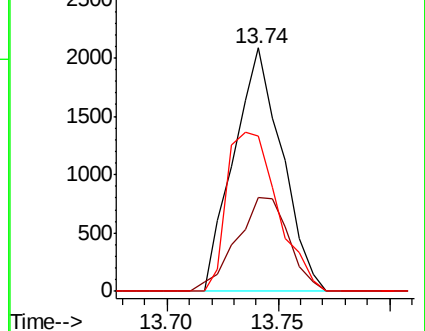
148 68.9 31.6 95.0



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: 0.558 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000257.D

Acq: 10 Oct 2019 16:45

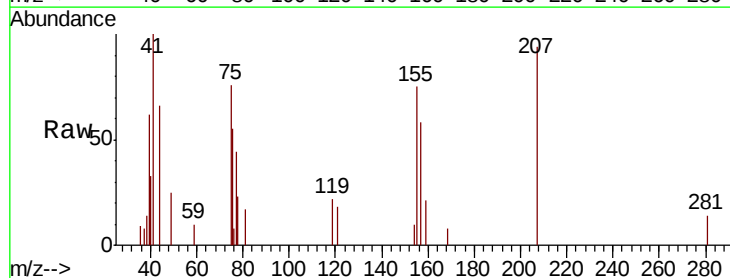
Tgt Ion: 75 Resp: 1104

Ion Ratio Lower Upper

75 100

155 56.3 42.4 127.3

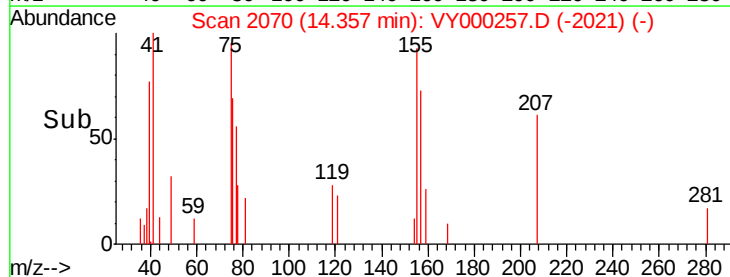
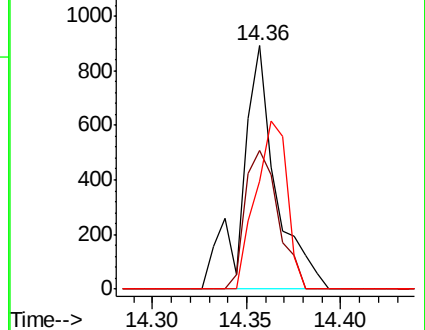
157 64.3 53.8 161.5

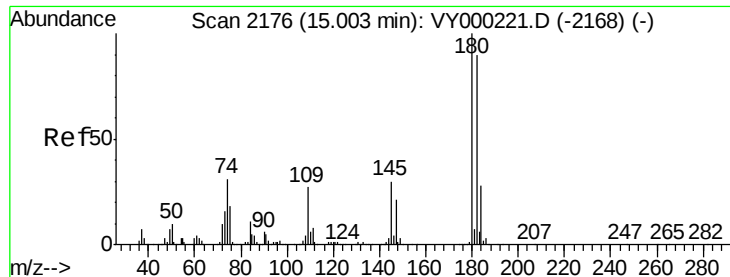


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

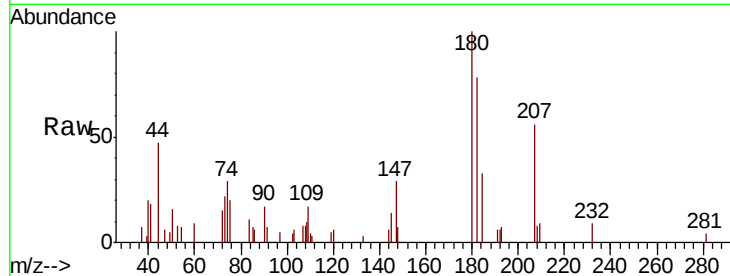




#93
 1,2,4-Trichlorobenzene
 Concen: 0.552 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000257.D
 Acq: 10 Oct 2019 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :

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

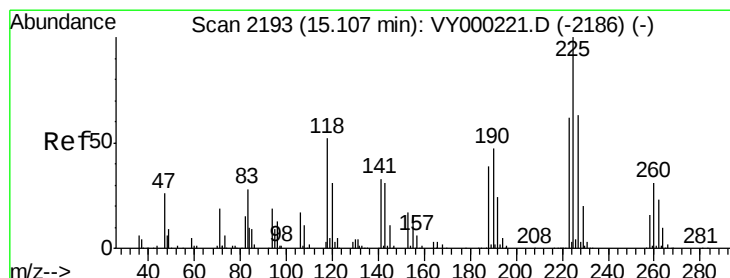
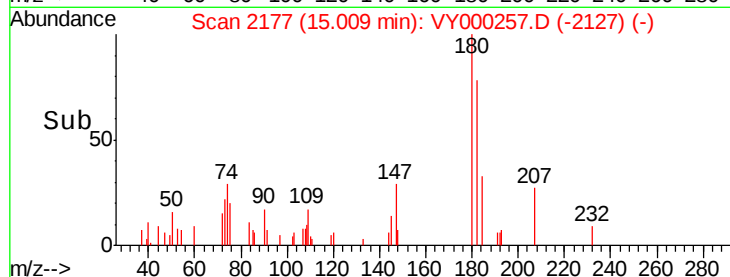
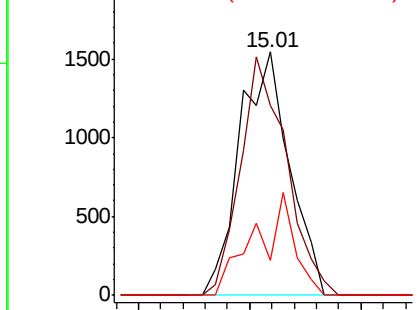


Abundance

Ion 179.80 (179.50 to 180.50): V

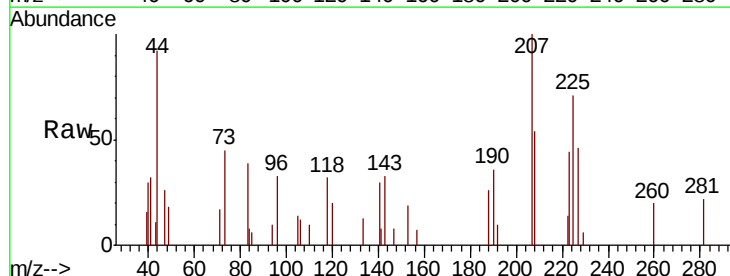
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



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

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

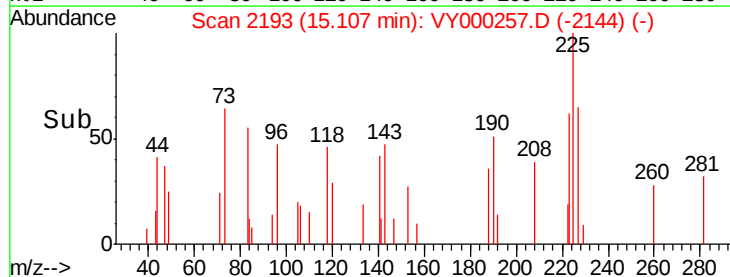
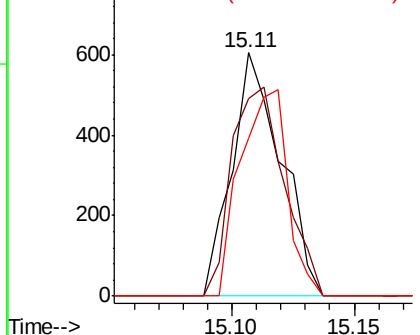


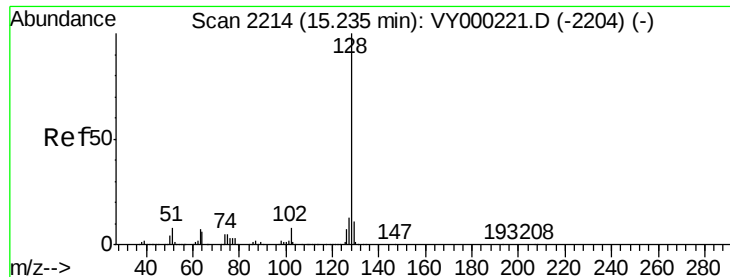
Abundance

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

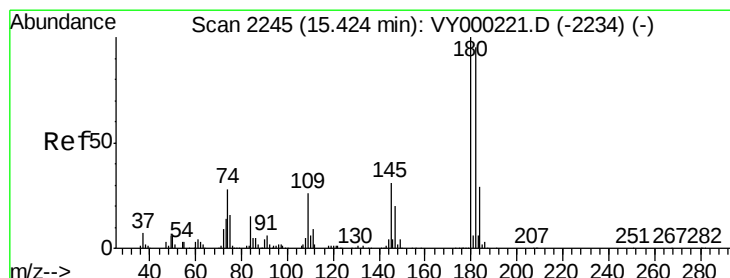
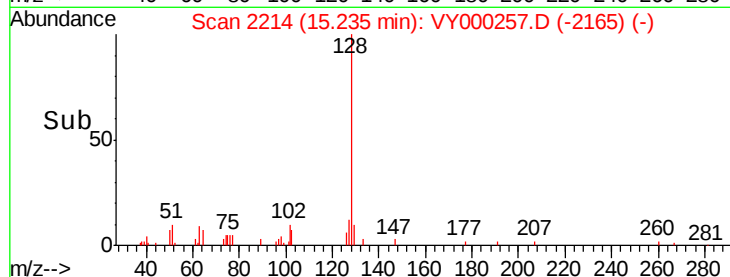
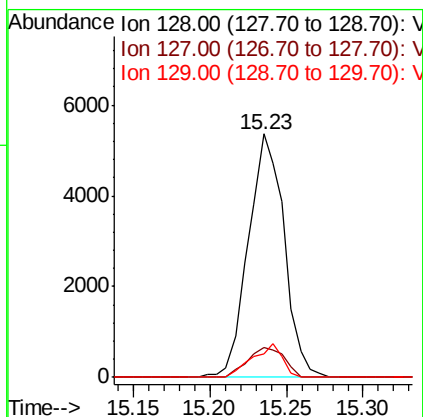
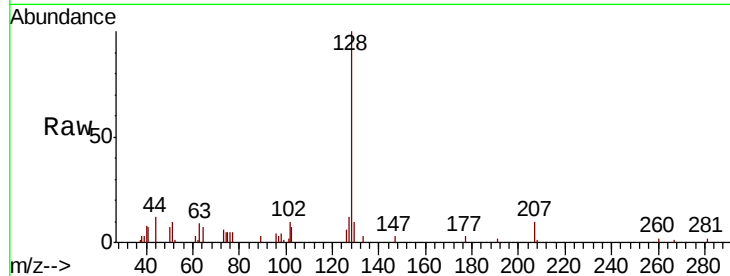




#95
Naphthalene
Concen: 0.532 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000257.D
Acq: 10 Oct 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 8733
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.3 8.6 13.0



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

Tgt Ion:180 Resp: 2689
Ion Ratio Lower Upper
180 100
182 76.6 47.9 143.7
145 26.2 16.3 48.9

