

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
 Data File : VY001580.D
 Acq On : 10 Feb 2020 13:07
 Operator : SY/MD
 Sample : VY0210SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 05:57:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	205764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	355764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	316150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	152266	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	103175	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	7.75	113	97554	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
50) Toluene-d8	10.20	98	403037	51.93	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.49	95	147654	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	34939	17.347	ug/l	94
3) Chloromethane	2.13	50	46842	22.251	ug/l	95
4) Vinyl Chloride	2.27	62	47747	21.843	ug/l	98
5) Bromomethane	2.66	94	32868	23.909	ug/l	94
6) Chloroethane	2.81	64	30798	23.375	ug/l	100
7) Trichlorofluoromethane	3.15	101	63107	17.442	ug/l	96
8) Diethyl Ether	3.56	74	23688	19.401	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.93	101	39802	18.283	ug/l	99
10) Methyl Iodide	4.12	142	46754	16.855	ug/l	98
11) Tert butyl alcohol	4.99	59	25403	86.989	ug/l	96
12) 1,1-Dichloroethene	3.90	96	39257	18.147	ug/l	98
13) Acrolein	3.76	56	17805	90.763	ug/l	96
14) Allyl chloride	4.51	41	71287	21.541	ug/l	94
15) Acrylonitrile	5.21	53	59776	106.793	ug/l	99
16) Acetone	3.97	43	59178	98.749	ug/l	98
17) Carbon Disulfide	4.22	76	129466	18.799	ug/l	97
18) Methyl Acetate	4.51	43	29280	22.896	ug/l	96
19) Methyl tert-butyl Ether	5.26	73	109468	19.028	ug/l	99
20) Methylene Chloride	4.75	84	52263	19.378	ug/l	91
21) trans-1,2-Dichloroethene	5.25	96	45175	18.784	ug/l	97
22) Diisopropyl ether	6.16	45	142996	21.809	ug/l	97
23) Vinyl Acetate	6.10	43	451002	108.053	ug/l	95
24) 1,1-Dichloroethane	6.05	63	78171	19.821	ug/l	97
25) 2-Butanone	7.02	43	87153	112.099	ug/l	93
26) 2,2-Dichloropropane	7.02	77	69106	18.309	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	50374	19.177	ug/l	96
28) Bromochloromethane	7.36	49	27243	20.278	ug/l	91
29) Tetrahydrofuran	7.38	42	54261	116.443	ug/l	92
30) Chloroform	7.53	83	73439	18.384	ug/l	100
31) Cyclohexane	7.81	56	81848	20.289	ug/l	96
32) 1,1,1-Trichloroethane	7.74	97	65098	17.974	ug/l	97
36) 1,1-Dichloropropene	7.94	75	63486	19.507	ug/l	98
37) Ethyl Acetate	7.10	43	35415	22.478	ug/l	97
38) Carbon Tetrachloride	7.93	117	57000	18.102	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	82485	19.248	ug/l	100
40) Benzene	8.19	78	184392	19.863	ug/l	99
41) Methacrylonitrile	7.38	41	48433	66.328	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	50497	19.525	ug/l	99
43) Isopropyl Acetate	8.30	43	69469	22.270	ug/l	94
44) Trichloroethene	8.96	130	47755	19.085	ug/l	96
45) 1,2-Dichloropropane	9.24	63	46074	20.554	ug/l	96
46) Dibromomethane	9.33	93	24101	19.147	ug/l	98
47) Bromodichloromethane	9.52	83	58738	19.152	ug/l	98
48) Methyl methacrylate	9.31	41	31100	21.966	ug/l	91
49) 1,4-Dioxane	9.33	88	6164	370.800	ug/l #	85
51) 4-Methyl-2-Pentanone	10.09	43	176935	115.174	ug/l	95
52) Toluene	10.26	92	115794	19.659	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	63925	19.137	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	73254	19.101	ug/l	94
55) 1,1,2-Trichloroethane	10.66	97	35432	19.619	ug/l	97
56) Ethyl methacrylate	10.52	69	51704	20.129	ug/l	90
57) 1,3-Dichloropropane	10.80	76	61656	19.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	99249	105.030	ug/l	96
59) 2-Hexanone	10.85	43	127769	114.388	ug/l	95
60) Dibromochloromethane	11.00	129	39588	18.596	ug/l	98
61) 1,2-Dibromoethane	11.10	107	33596	18.887	ug/l	98
64) Tetrachloroethene	10.74	164	40087	19.334	ug/l	96
65) Chlorobenzene	11.53	112	119281	19.215	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	40677	18.723	ug/l	99
67) Ethyl Benzene	11.61	91	224440	19.555	ug/l	99
68) m/p-Xylenes	11.72	106	167996	38.990	ug/l	99
69) o-Xylene	12.04	106	79886	19.664	ug/l	99
70) Styrene	12.05	104	135956	19.352	ug/l	98
71) Bromoform	12.22	173	22745	18.801	ug/l	99
73) Isopropylbenzene	12.34	105	212781	18.323	ug/l	99
74) N-amyl acetate	12.16	43	64871	21.497	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	43696	19.804	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	57923	35.373	ug/l #	100
77) Bromobenzene	12.62	156	47113	18.746	ug/l	97
78) n-propylbenzene	12.68	91	264228	19.005	ug/l	99
79) 2-Chlorotoluene	12.77	91	145677	18.383	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	179762	18.380	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	16066	18.985	ug/l	98
82) 4-Chlorotoluene	12.86	91	154918	18.645	ug/l	100
83) tert-Butylbenzene	13.08	119	150196	18.168	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	181244	18.724	ug/l	99
85) sec-Butylbenzene	13.26	105	220493	18.970	ug/l	99
86) p-Isopropyltoluene	13.38	119	194159	18.956	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	92782	19.264	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	92923	19.258	ug/l	98
89) n-Butylbenzene	13.70	91	195723	19.367	ug/l	100
90) Hexachloroethane	13.97	117	35557	18.087	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	84808	19.430	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7266	17.839	ug/l	98

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Quant Title : SW846 8260
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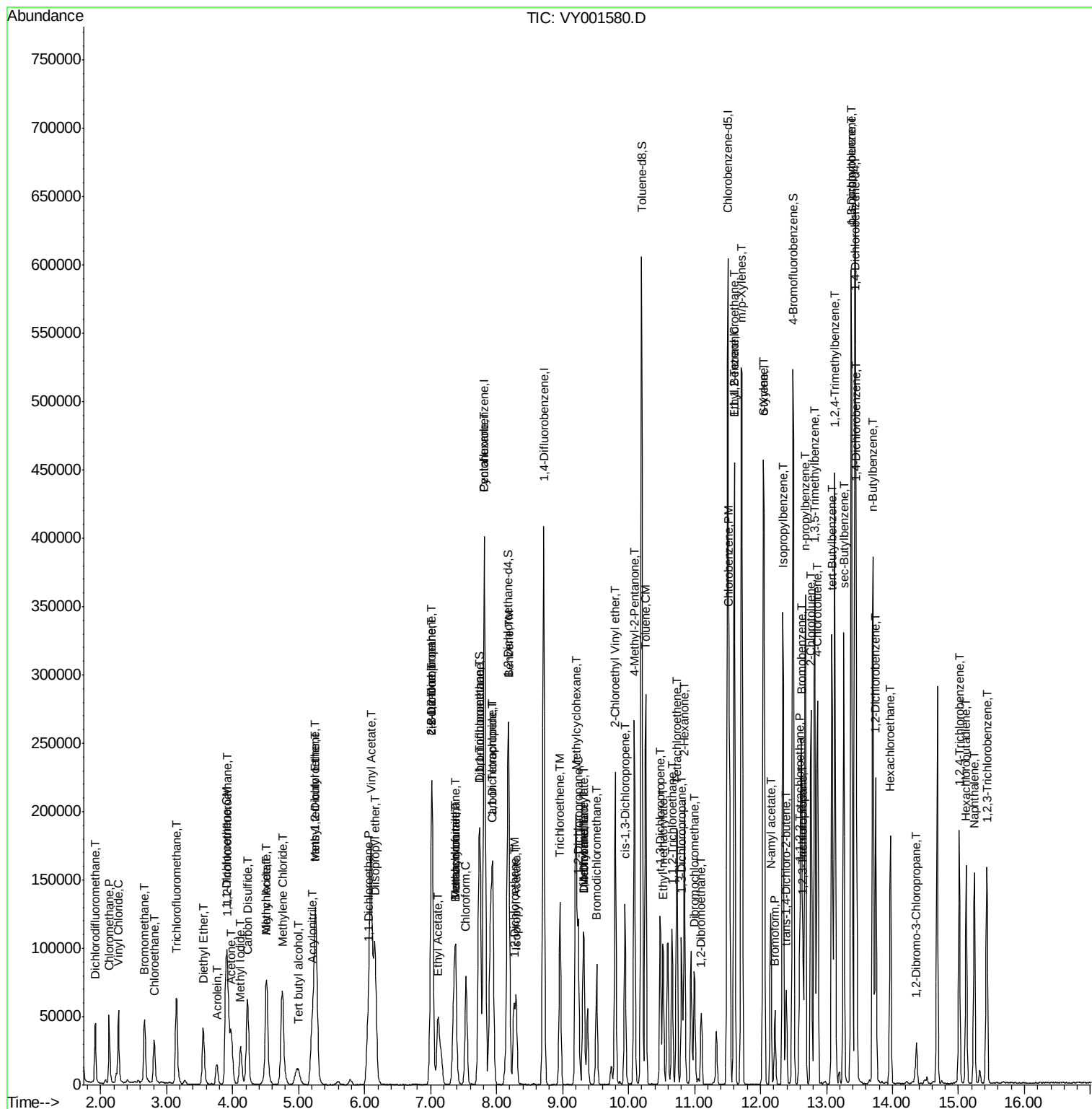
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	54751	18.614	ug/l	97
94) Hexachlorobutadiene	15.12	225	27484	18.411	ug/l	99
95) Naphthalene	15.24	128	125368	18.136	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	47942	18.465	ug/l	99

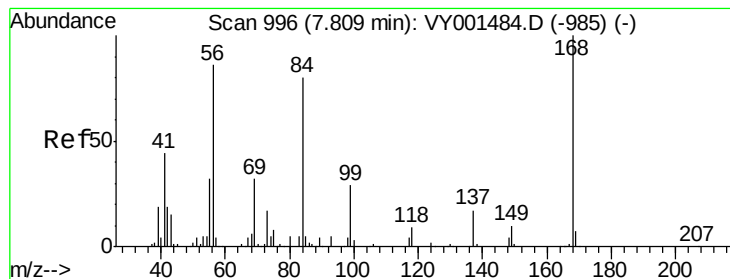
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
Data File : VY001580.D
Acq On : 10 Feb 2020 13:07
Operator : SY/MD
Sample : VY0210SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

Quant Time: Feb 11 05:57:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

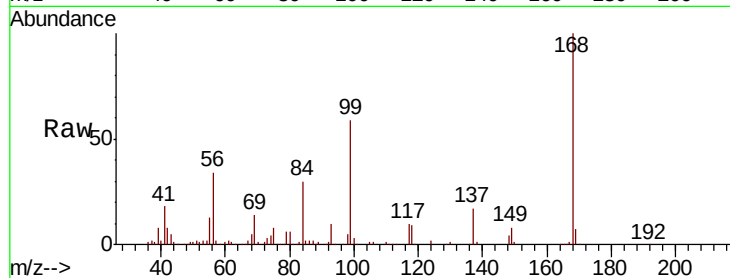
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 205764

Ion Ratio Lower Upper

168 100

99 58.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001580.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001580.D (-947) (-)

7.82

100000

80000

60000

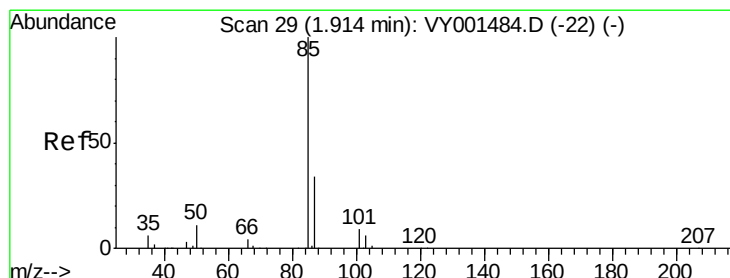
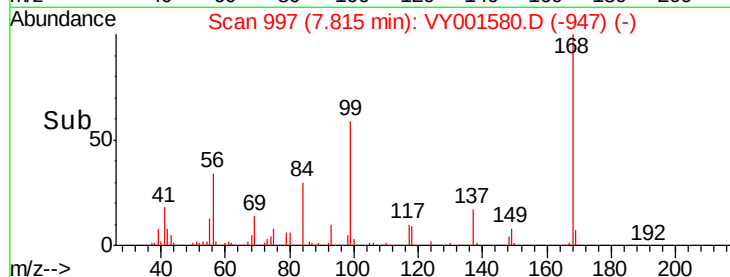
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.347 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001580.D

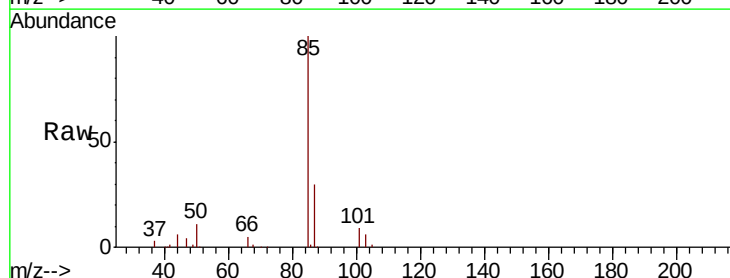
Acq: 10 Feb 2020 13:07

Tgt Ion: 85 Resp: 34939

Ion Ratio Lower Upper

85 100

87 30.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001580.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001580.D (-1) (-)

1.91

25000

20000

15000

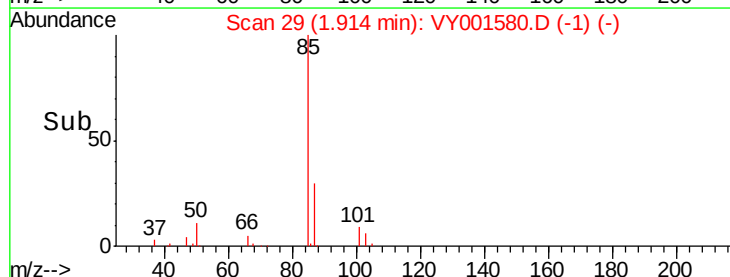
10000

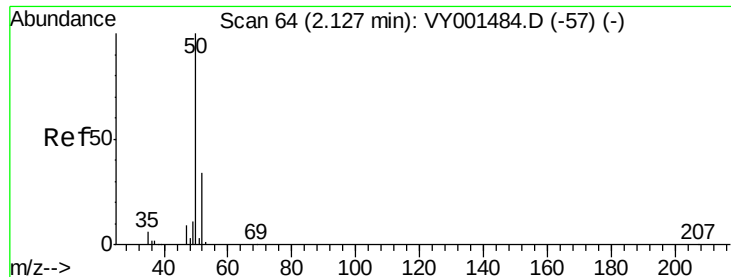
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.251 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

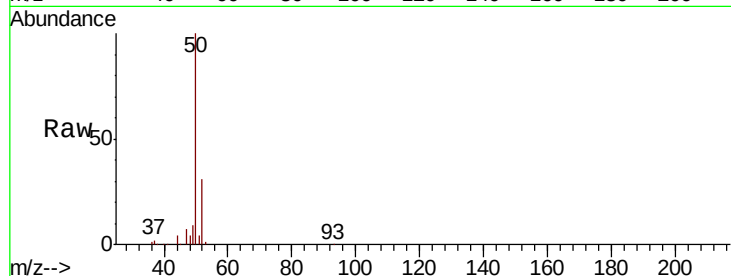
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 46842

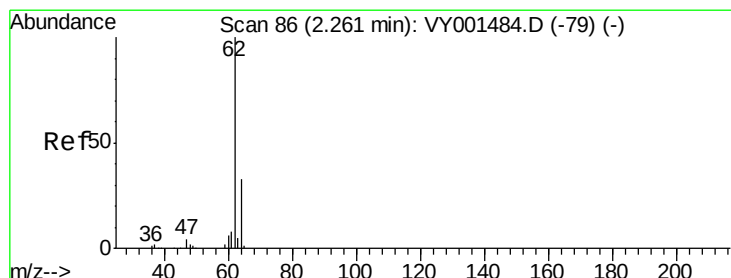
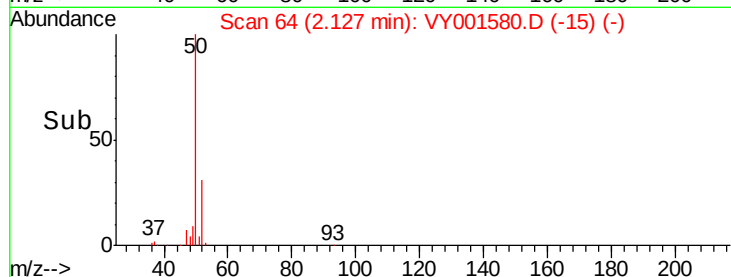
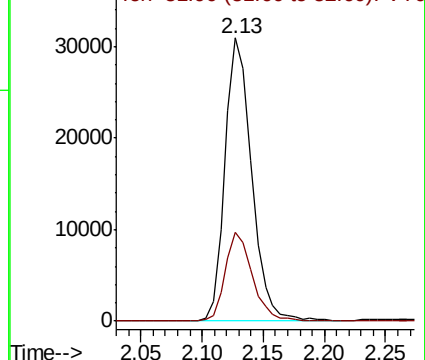
Ion Ratio Lower Upper

50 100

52 31.3 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.843 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY001580.D

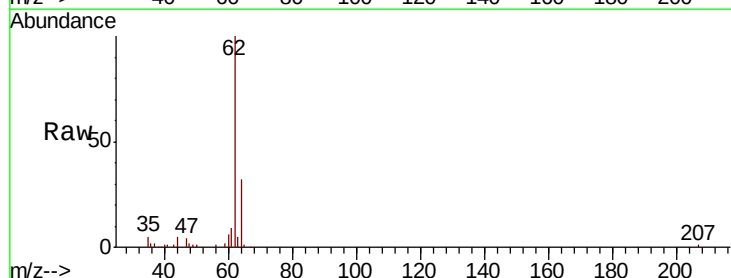
Acq: 10 Feb 2020 13:07

Tgt Ion: 62 Resp: 47747

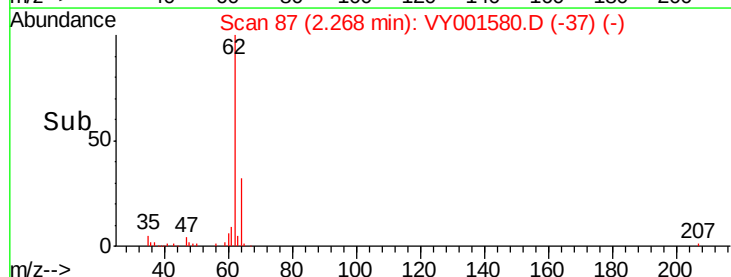
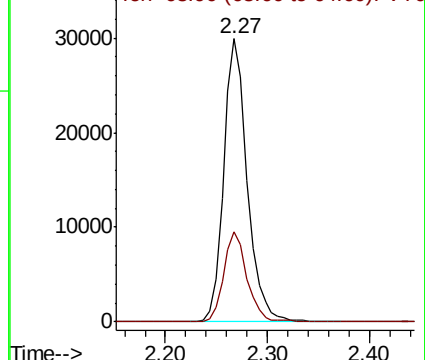
Ion Ratio Lower Upper

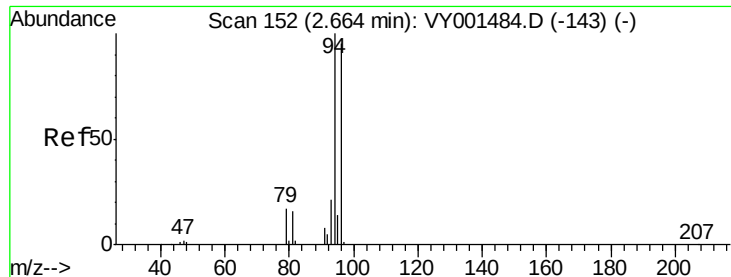
62 100

64 31.9 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 23.909 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

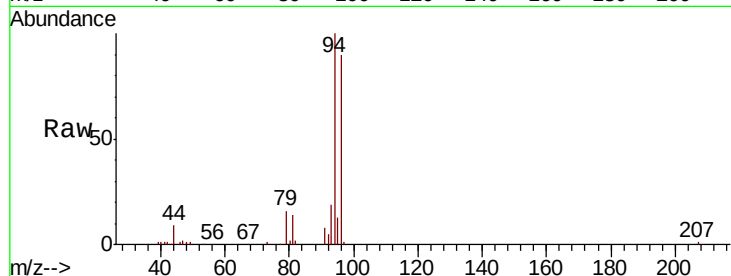
ClientSampleId :

Tot Ion: 94 Resp: 32868

Ion Ratio Lower Upper

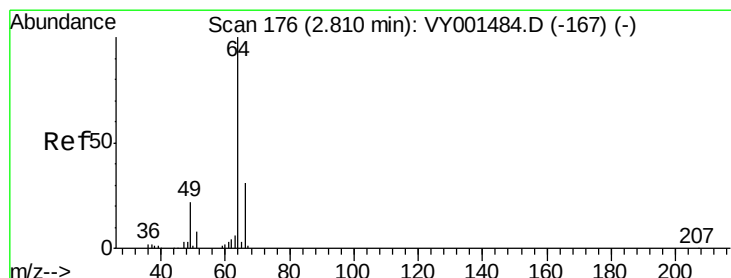
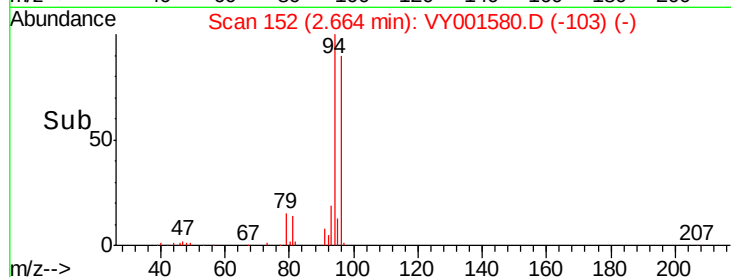
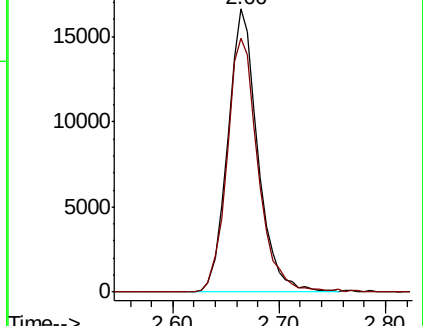
94 100

96 89.8 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY001580.D (-103) (-)

Ion 95.90 (95.60 to 96.60): VY001580.D (-103) (-)



#6

Chloroethane

Concen: 23.375 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001580.D

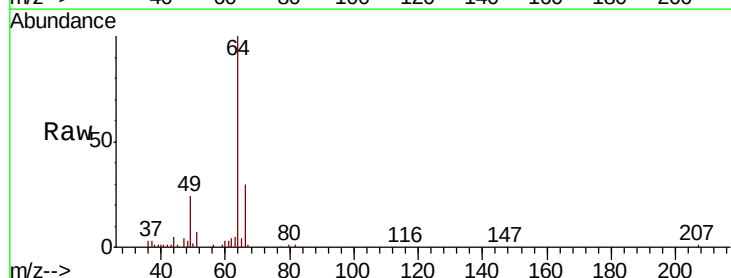
Acq: 10 Feb 2020 13:07

Tgt Ion: 64 Resp: 30798

Ion Ratio Lower Upper

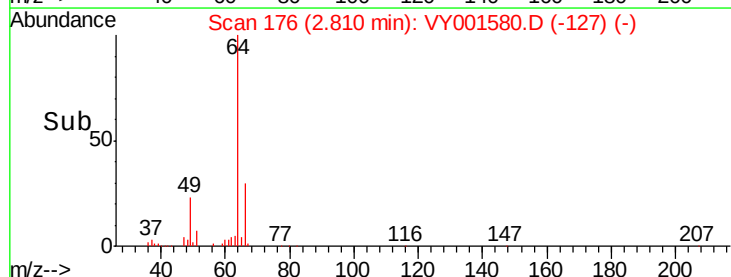
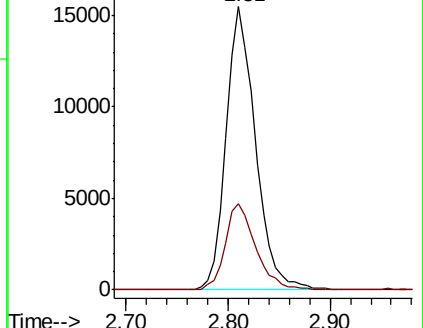
64 100

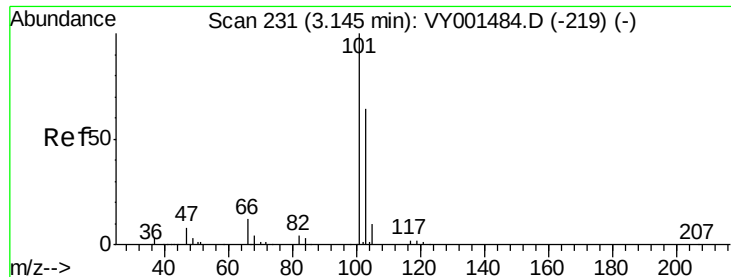
66 30.5 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY001580.D (-127) (-)

Ion 65.90 (65.60 to 66.60): VY001580.D (-127) (-)



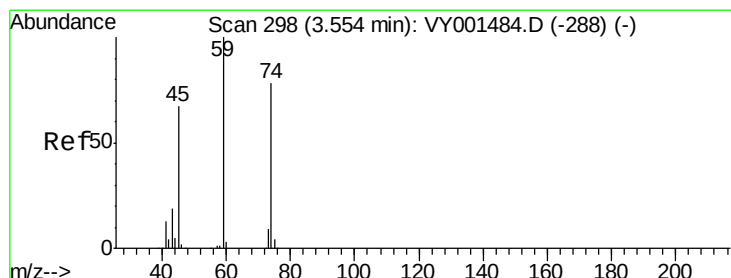
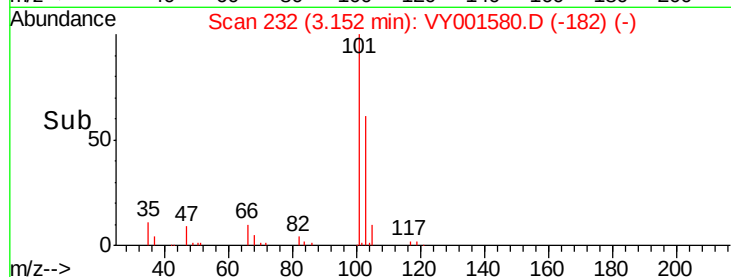
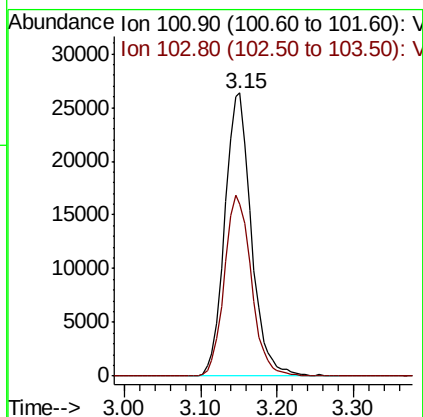
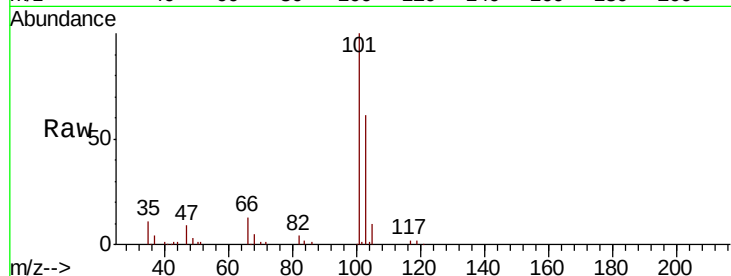


#7

Trichlorofluoromethane
Concen: 17.442 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampled :

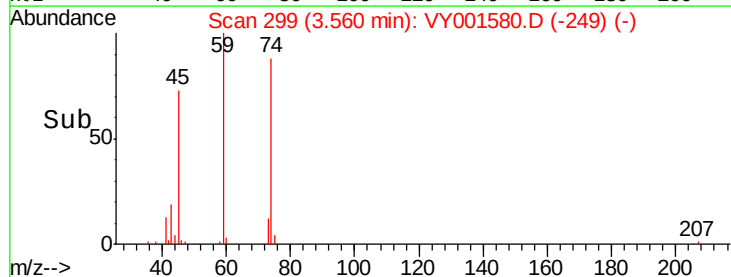
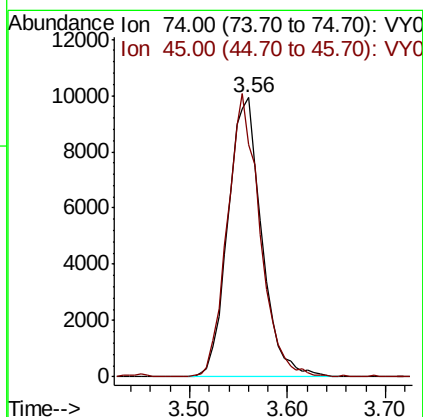
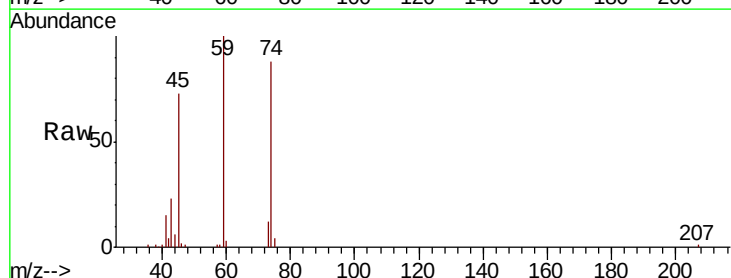
Tot Ion:101 Resp: 63107
Ion Ratio Lower Upper
101 100
103 60.8 50.9 76.3

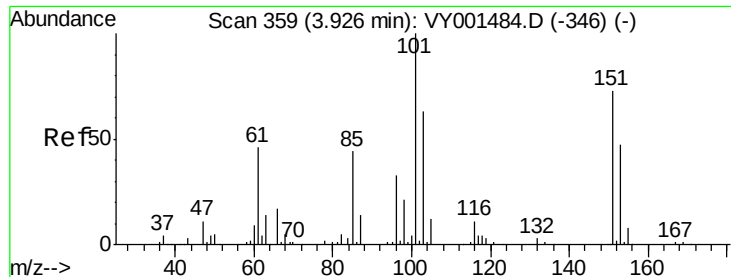


#8

Diethyl Ether
Concen: 19.401 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Tgt Ion: 74 Resp: 23688
Ion Ratio Lower Upper
74 100
45 98.1 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.283 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

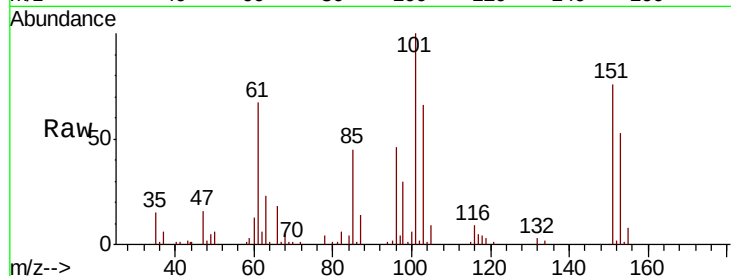
Tot Ion:101 Resp: 39802

Ion Ratio Lower Upper

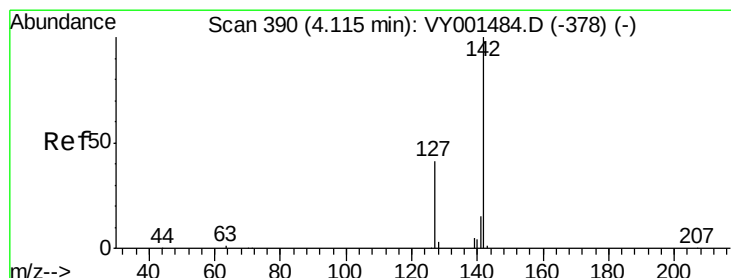
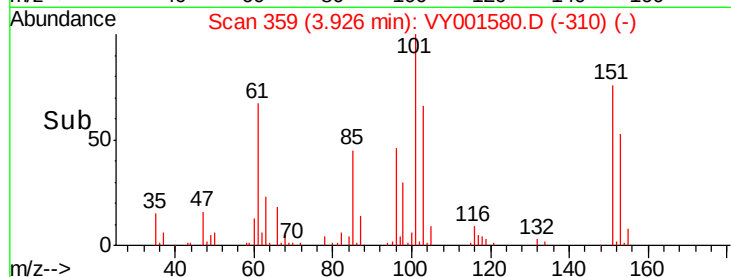
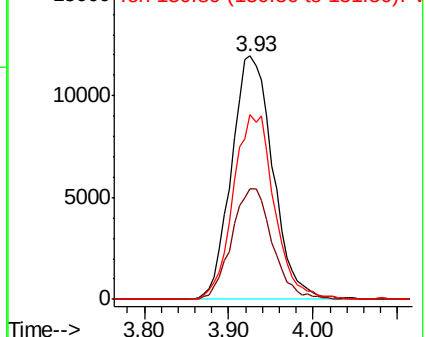
101 100

85 44.6 34.6 51.8

151 75.2 60.3 90.5



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: 16.855 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

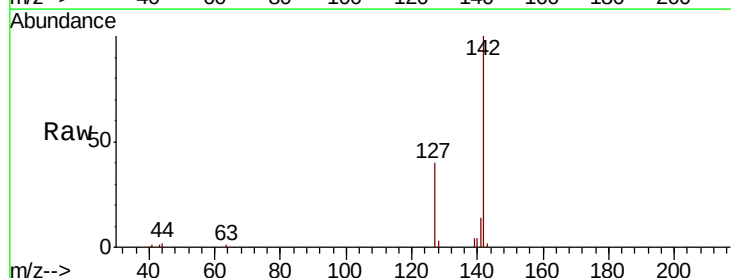
Tgt Ion:142 Resp: 46754

Ion Ratio Lower Upper

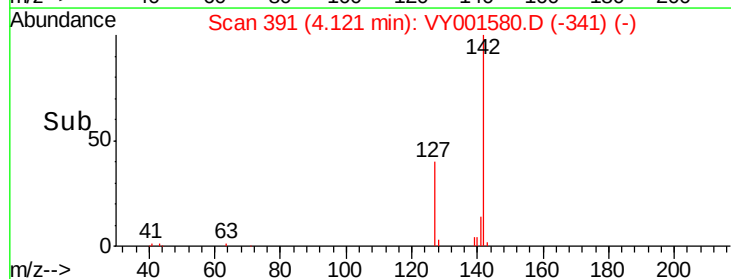
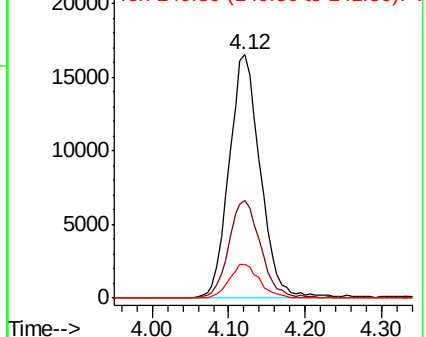
142 100

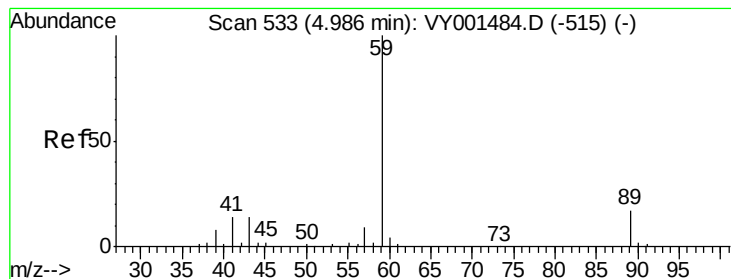
127 40.8 33.3 49.9

141 13.4 11.5 17.3



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



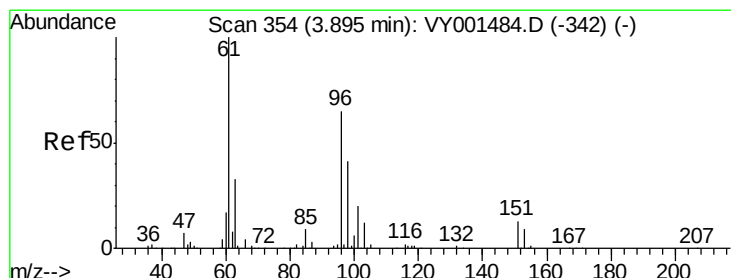
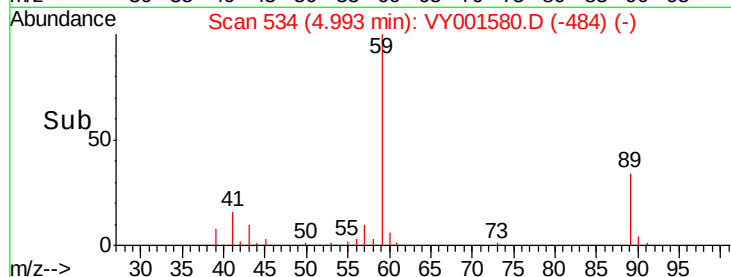
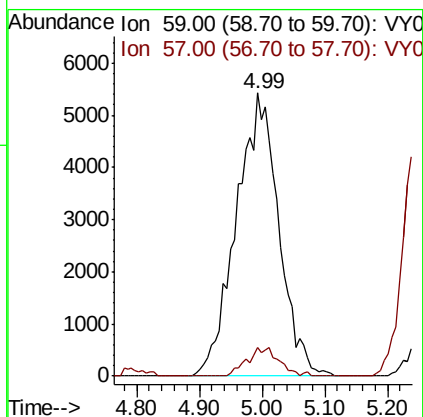
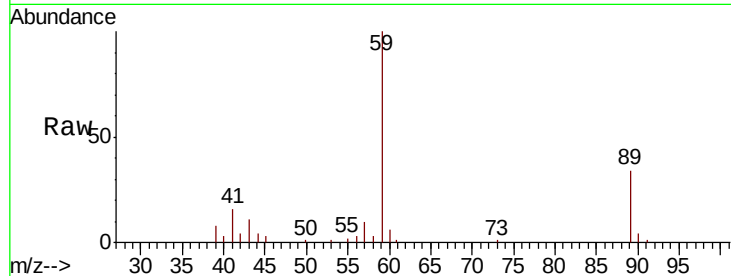


#11

Tert butyl alcohol
 Concen: 86.989 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.01 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

Instrument :
 MSVOA_Y
 ClientSampled :

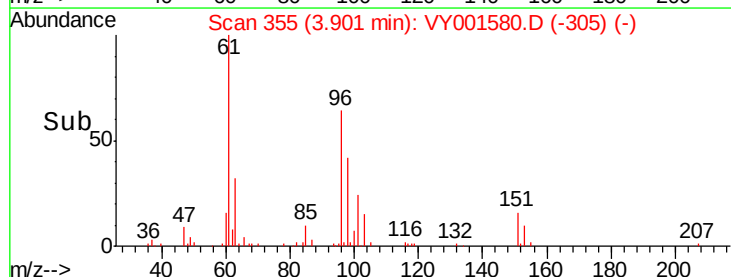
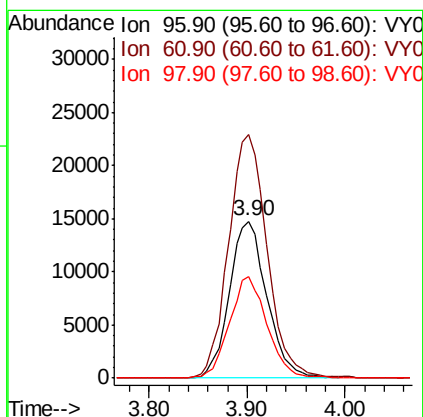
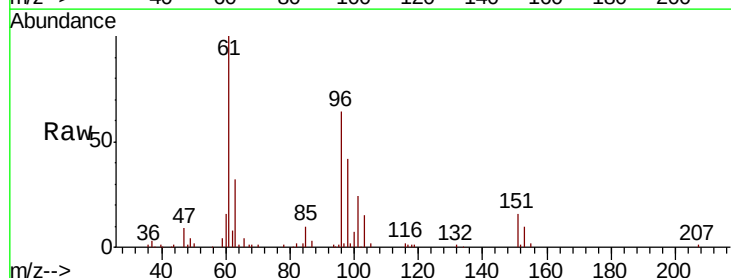
Tot Ion: 59 Resp: 25403
 Ion Ratio Lower Upper
 59 100
 57 7.4 7.0 10.6

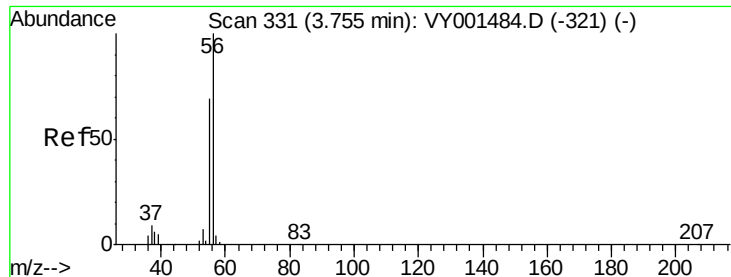


#12

1,1-Dichloroethene
 Concen: 18.147 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

Tgt Ion: 96 Resp: 39257
 Ion Ratio Lower Upper
 96 100
 61 155.2 122.3 183.5
 98 65.1 49.7 74.5





#13

Acrolein

Concen: 90.763 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

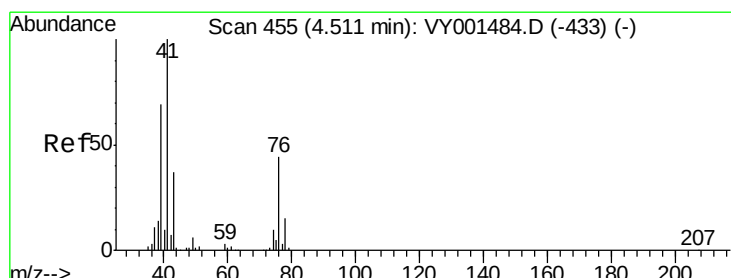
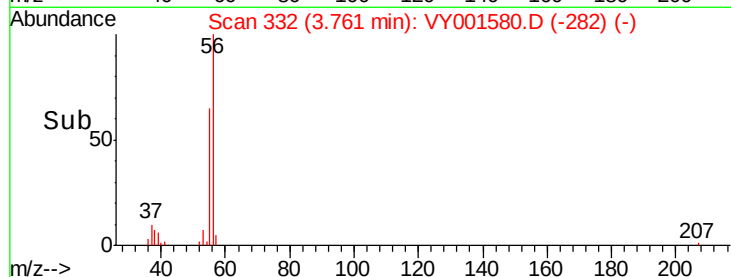
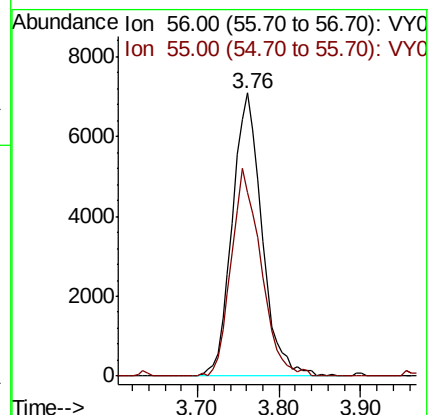
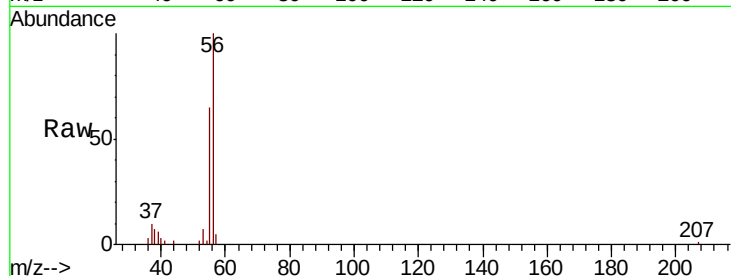
ClientSampleId :

Tot Ion: 56 Resp: 17805

Ion Ratio Lower Upper

56 100

55 73.8 56.2 84.4



#14

Allyl chloride

Concen: 21.541 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

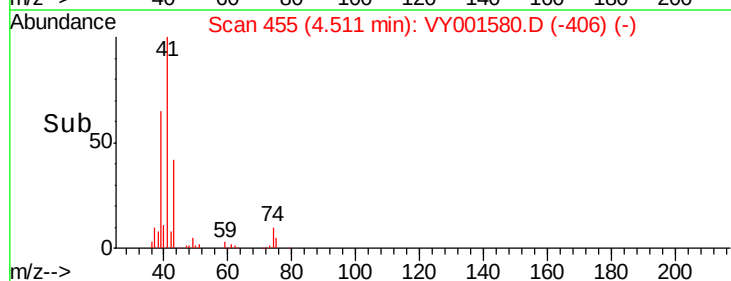
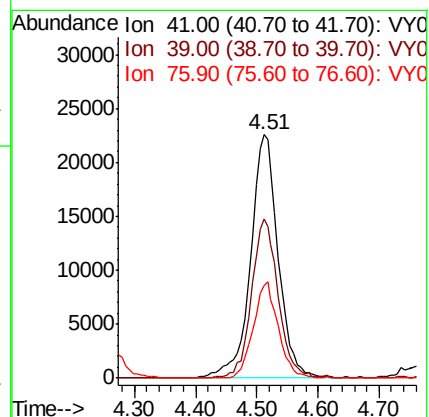
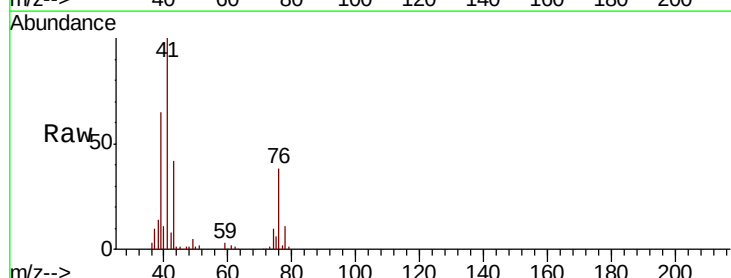
Tgt Ion: 41 Resp: 71287

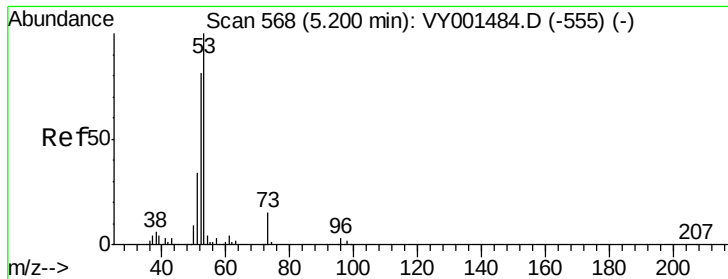
Ion Ratio Lower Upper

41 100

39 62.9 53.0 79.6

76 35.7 32.6 48.8





#15

Acrylonitrile

Concen: 106.793 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

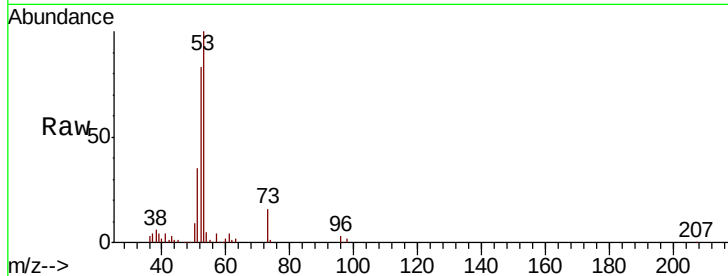
Tot Ion: 53 Resp: 59776

Ion Ratio Lower Upper

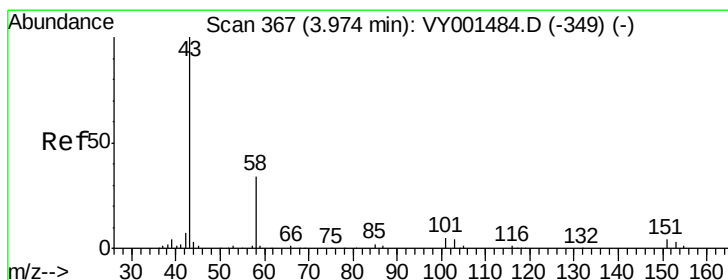
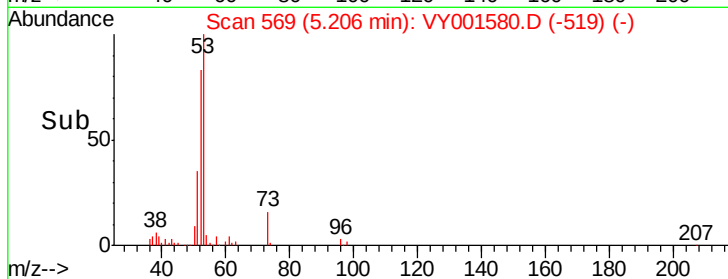
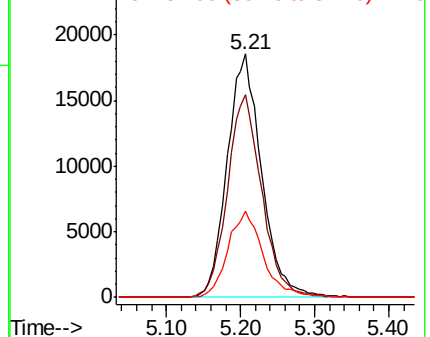
53 100

52 82.7 65.4 98.2

51 36.2 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 98.749 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001580.D

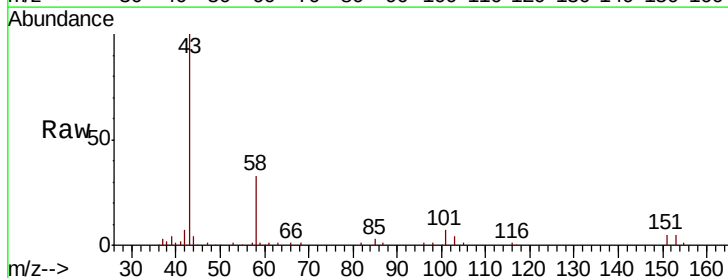
Acq: 10 Feb 2020 13:07

Tgt Ion: 43 Resp: 59178

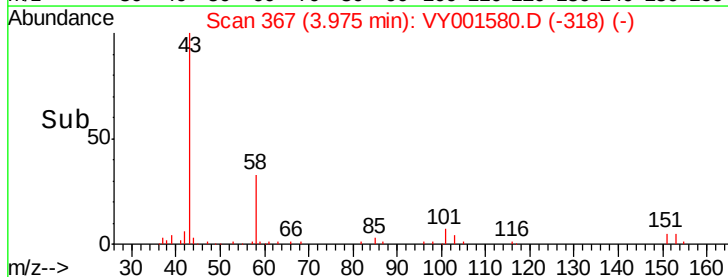
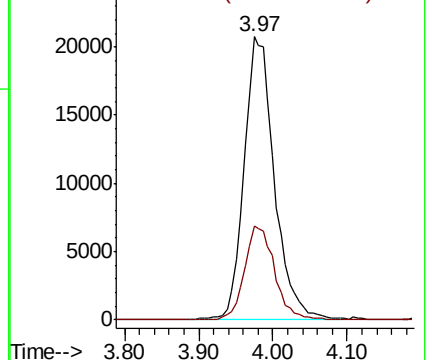
Ion Ratio Lower Upper

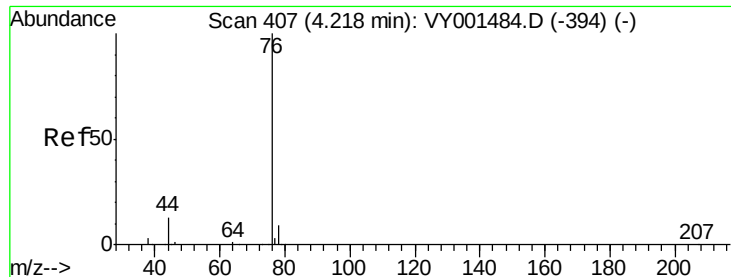
43 100

58 33.0 27.5 41.3



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

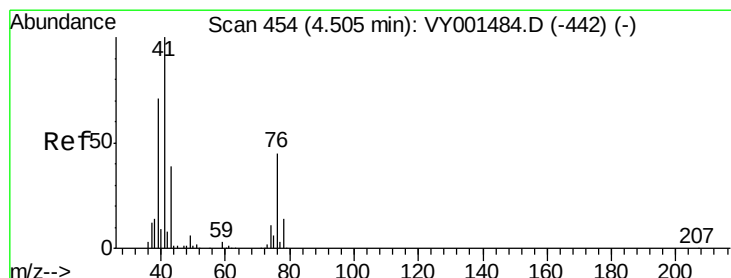
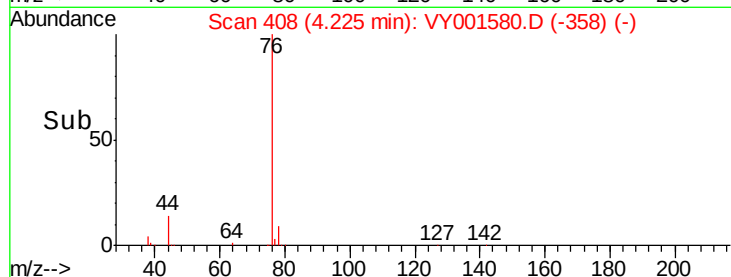
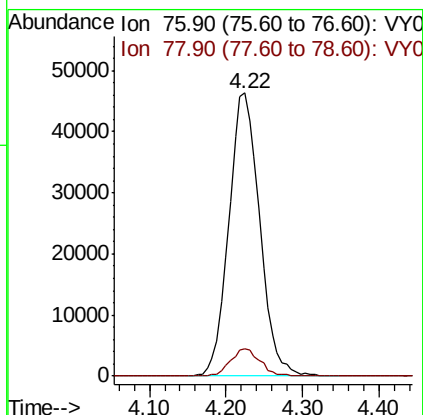
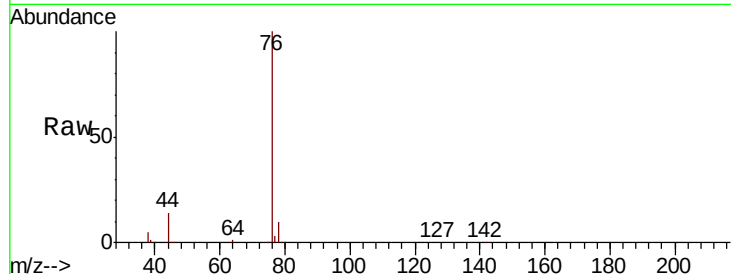




#17
Carbon Disulfide
Concen: 18.799 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

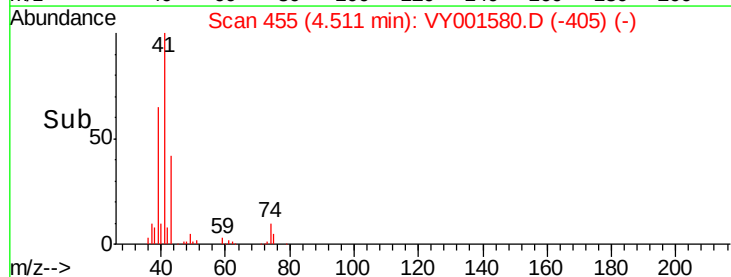
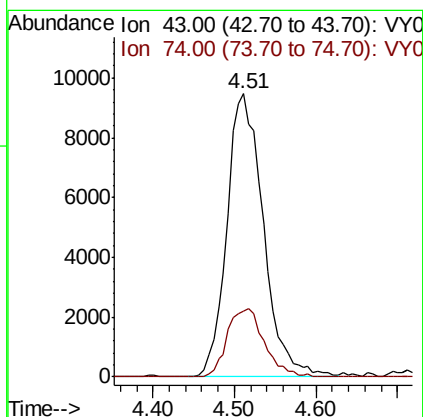
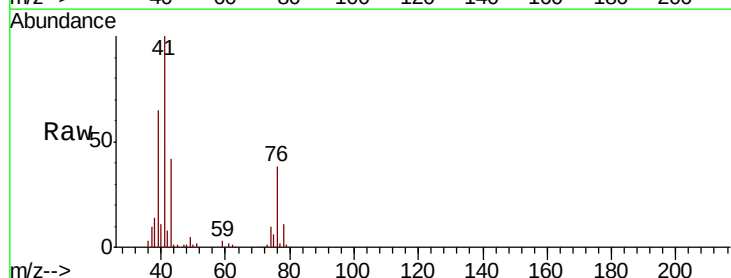
Instrument :
MSVOA_Y
ClientSampled :

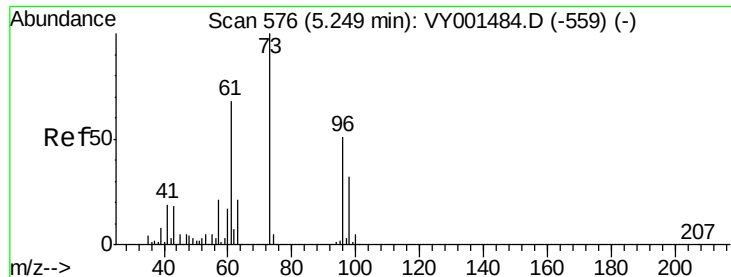
Tot Ion: 76 Resp: 129466
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6



#18
Methyl Acetate
Concen: 22.896 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Tgt Ion: 43 Resp: 29280
Ion Ratio Lower Upper
43 100
74 24.4 21.0 31.6

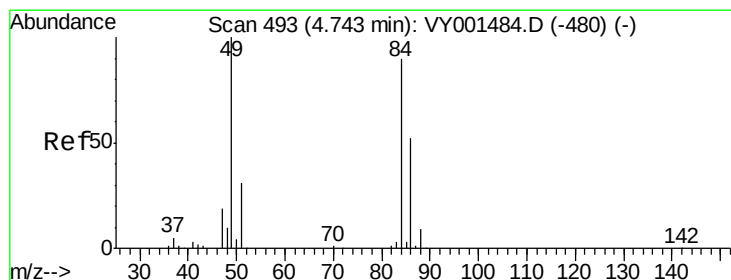
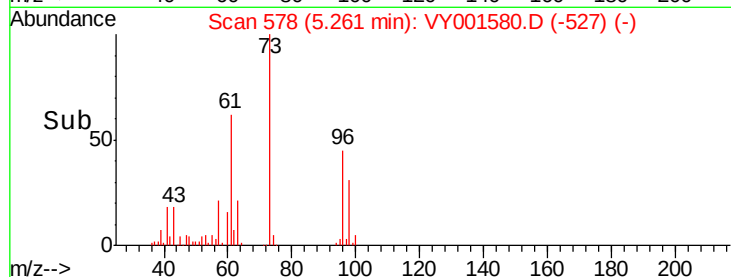
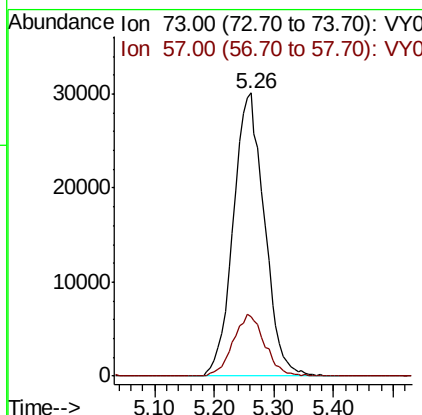
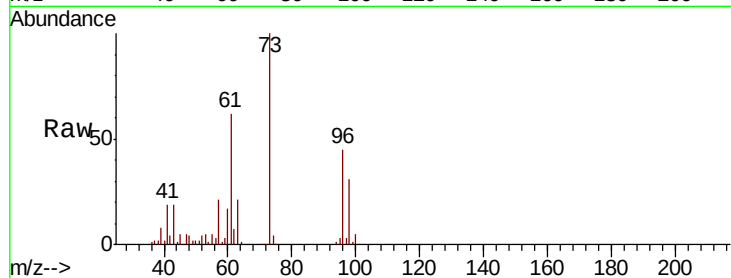




#19
Methyl tert-butyl Ether
Concen: 19.028 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

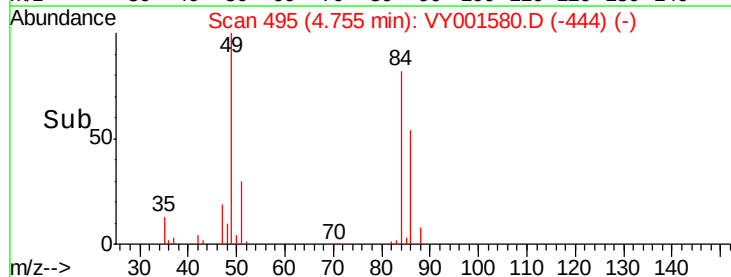
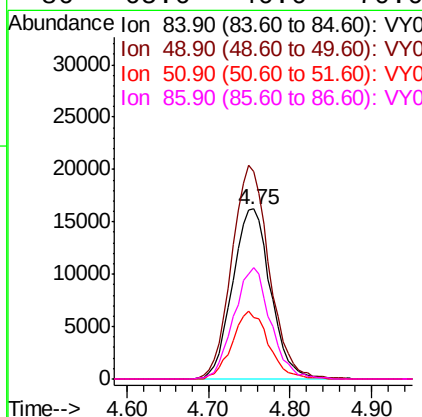
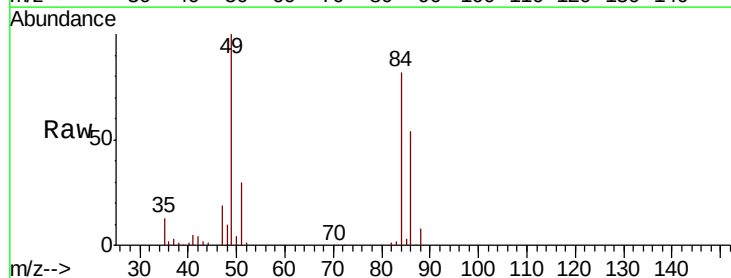
Instrument :
MSVOA_Y
ClientSampleId :

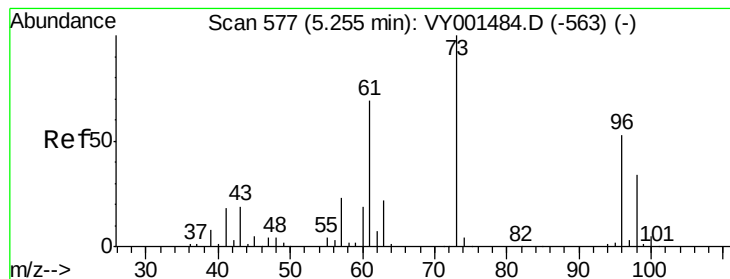
Tot Ion: 73 Resp: 109468
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.6



#20
Methylene Chloride
Concen: 19.378 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Tgt Ion: 84 Resp: 52263
Ion Ratio Lower Upper
84 100
49 122.3 89.0 133.6
51 36.5 27.4 41.2
86 65.6 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 18.784 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampled :

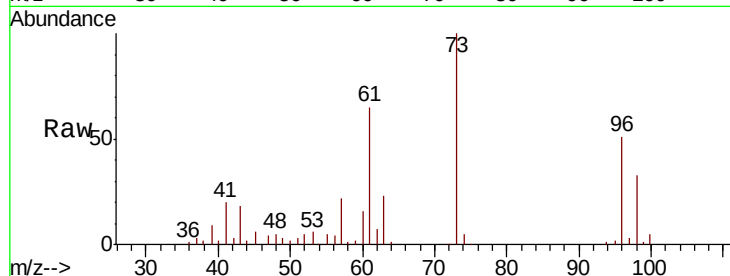
Tot Ion: 96 Resp: 45175

Ion Ratio Lower Upper

96 100

61 126.5 104.2 156.4

98 63.3 51.4 77.0

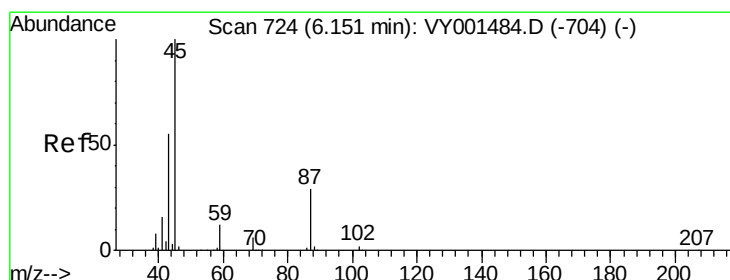
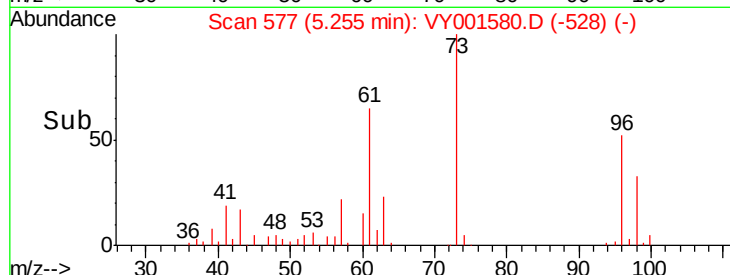
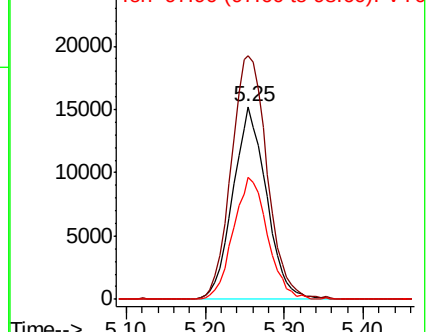


Abundance

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: 21.809 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Tgt Ion: 45 Resp: 142996

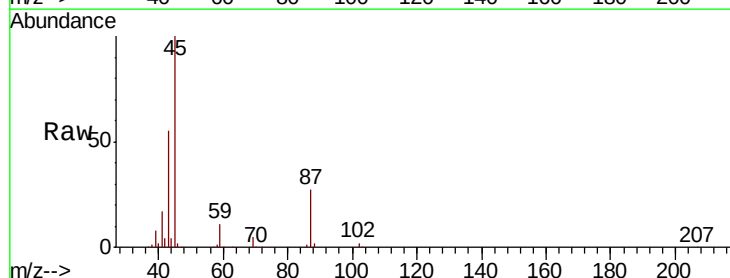
Ion Ratio Lower Upper

45 100

43 54.9 44.2 66.4

87 26.7 23.9 35.9

59 11.1 10.2 15.2



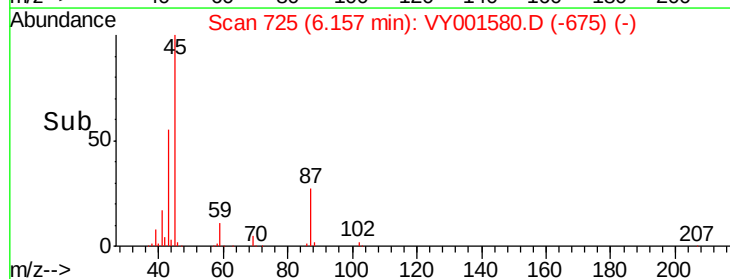
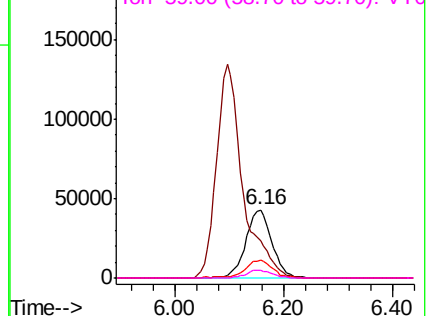
Abundance

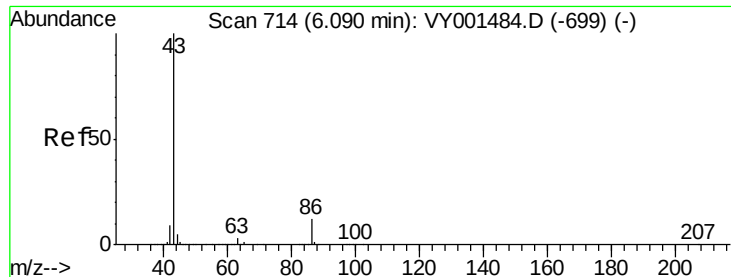
Ion 45.00 (44.70 to 45.70): VY0

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: 108.053 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

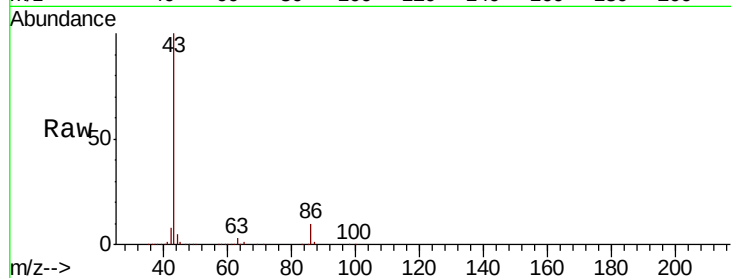
ClientSampled :

Tot Ion: 43 Resp: 451002

Ion Ratio Lower Upper

43 100

86 10.4 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.10

150000

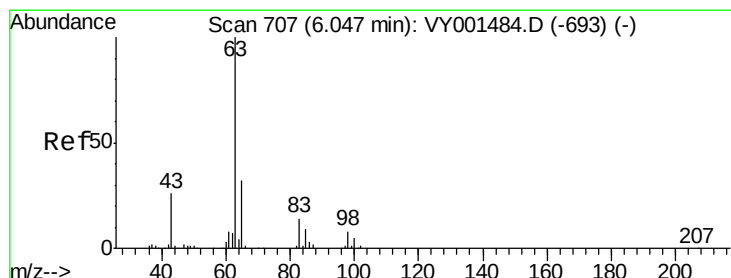
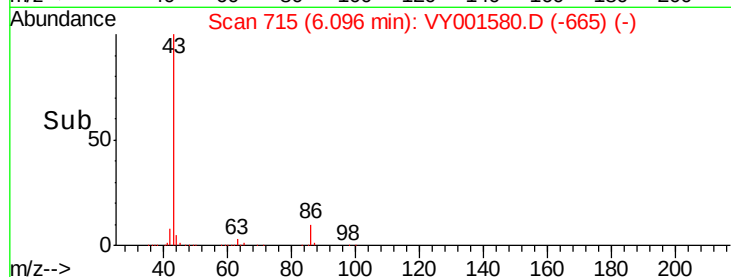
100000

50000

0

Time-->

6.00 6.20



#24

1,1-Dichloroethane

Concen: 19.821 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

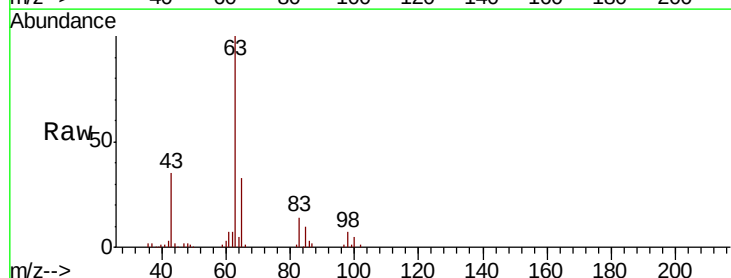
Tgt Ion: 63 Resp: 78171

Ion Ratio Lower Upper

63 100

98 6.7 4.0 11.9

100 4.7 2.6 8.0



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

6.05

30000

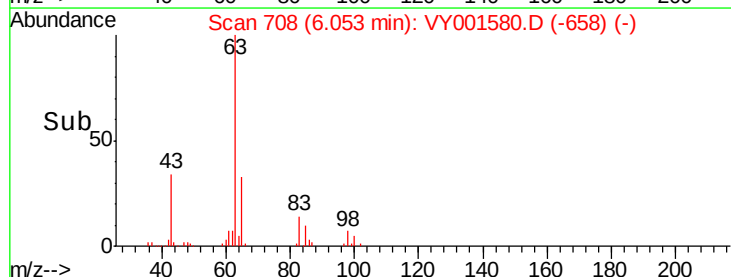
20000

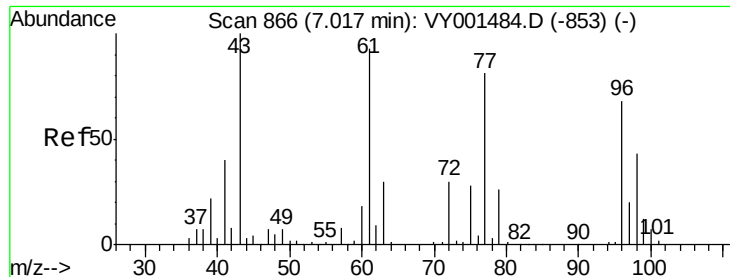
10000

0

Time-->

5.90 6.00 6.10 6.20

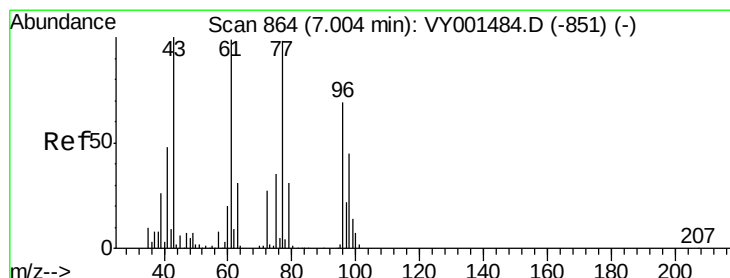
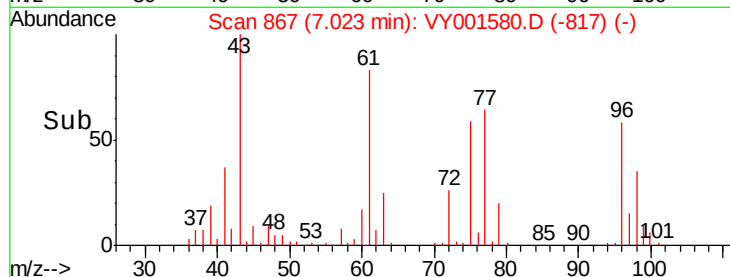
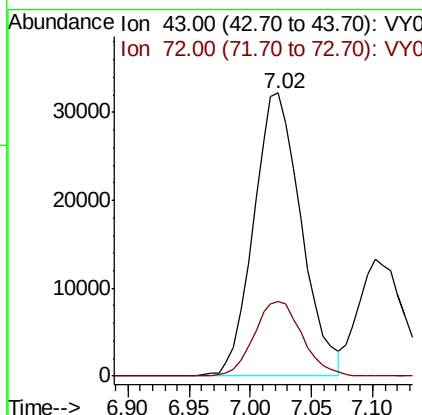
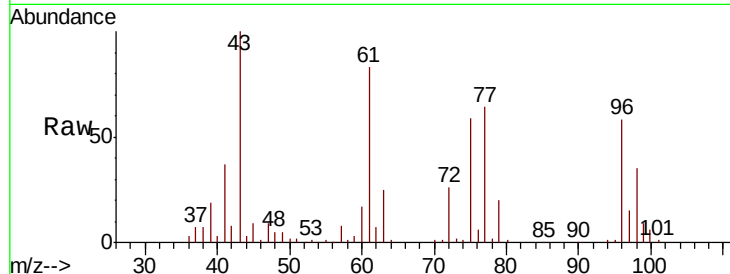




#25
2-Butanone
Concen: 112.099 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

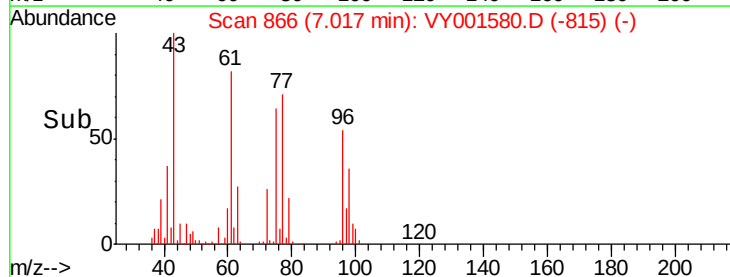
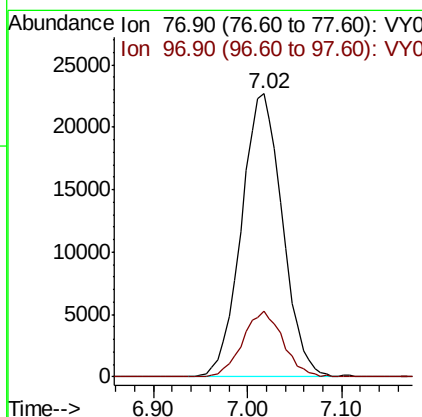
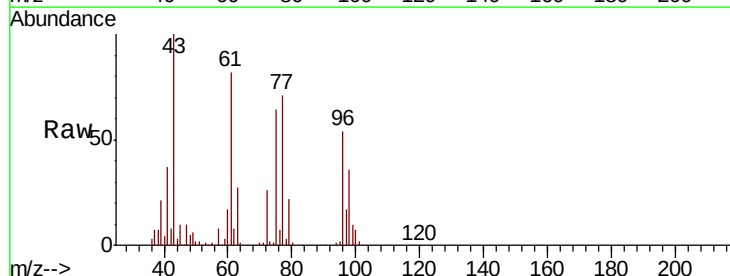
Instrument :
MSVOA_Y
ClientSampled :

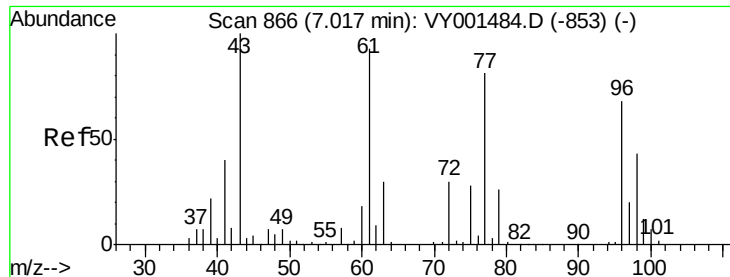
Tot Ion: 43 Resp: 87153
Ion Ratio Lower Upper
43 100
72 26.2 23.8 35.8



#26
2,2-Dichloropropane
Concen: 18.309 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Tgt Ion: 77 Resp: 69106
Ion Ratio Lower Upper
77 100
97 22.8 11.7 35.0



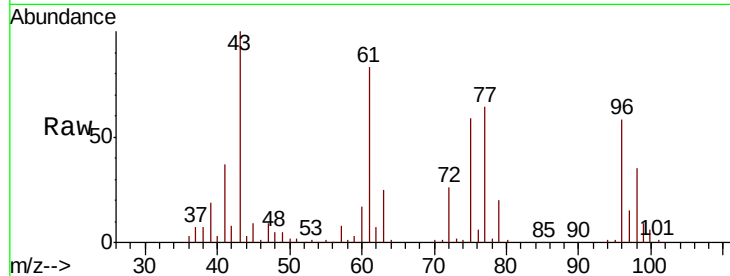


#27

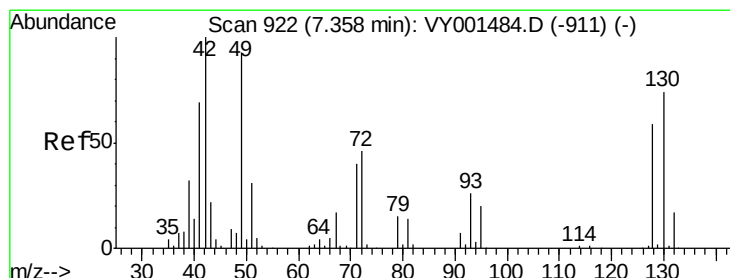
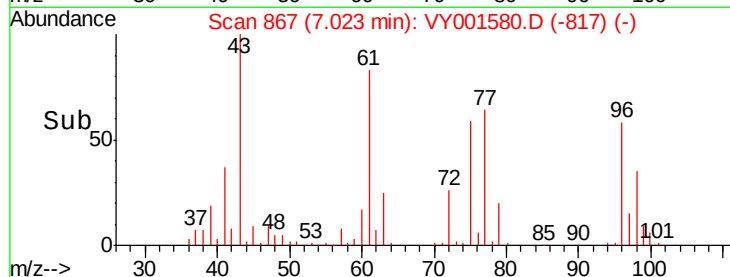
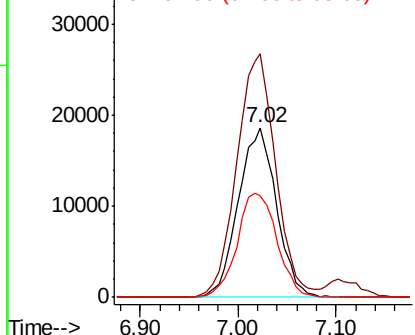
cis-1,2-Dichloroethene
 Concen: 19.177 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. 0.01 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 50374
 Ion Ratio Lower Upper
 96 100
 61 145.9 0.0 278.8
 98 64.2 0.0 128.8



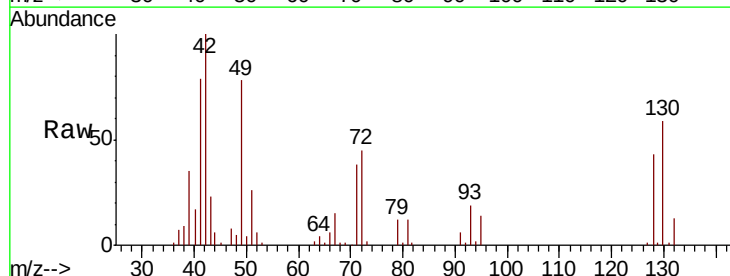
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



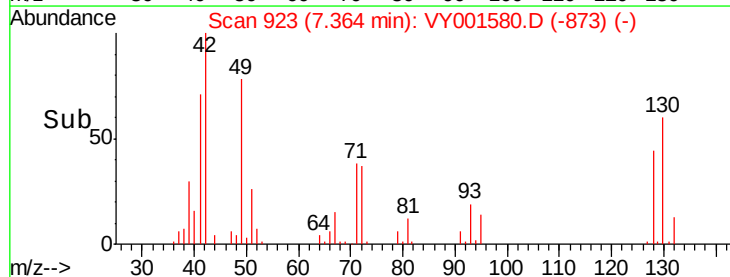
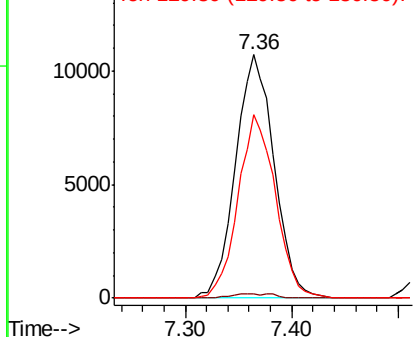
#28

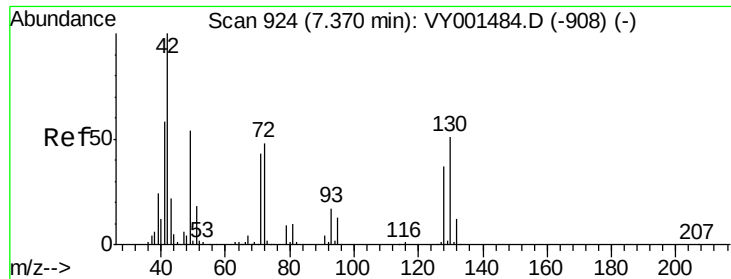
Bromochloromethane
 Concen: 20.278 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

Tgt Ion: 49 Resp: 27243
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 73.2 65.4 98.2



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

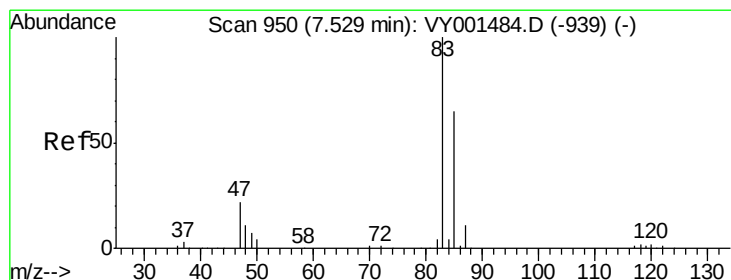
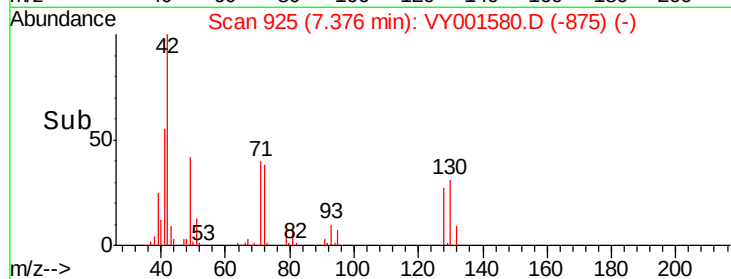
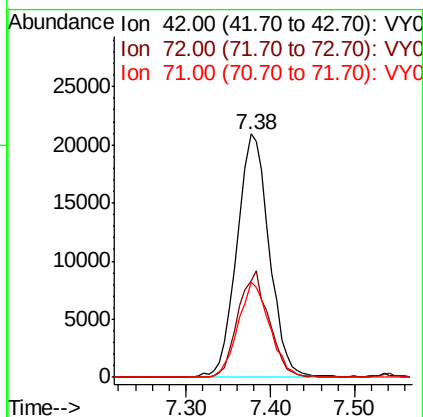
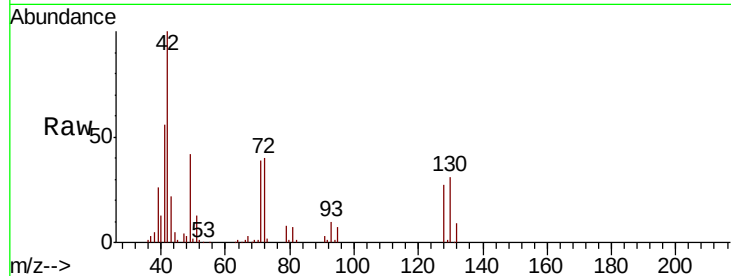




#29
Tetrahydrofuran
Concen: 116.443 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

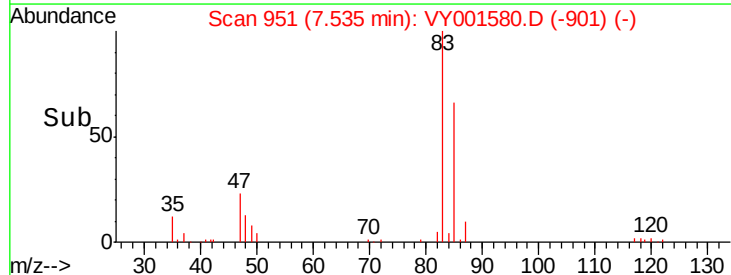
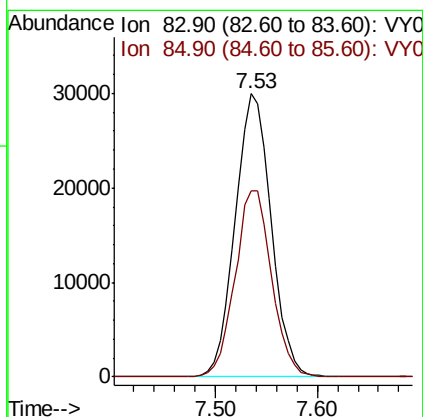
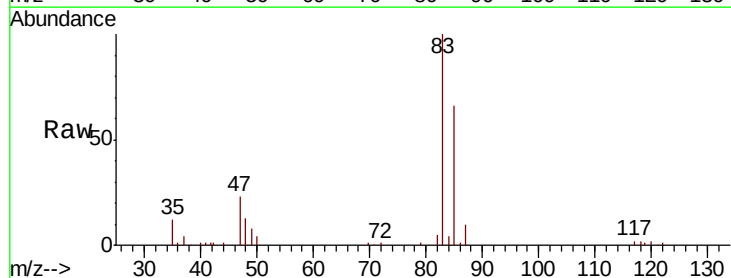
Instrument :
MSVOA_Y
ClientSampled :

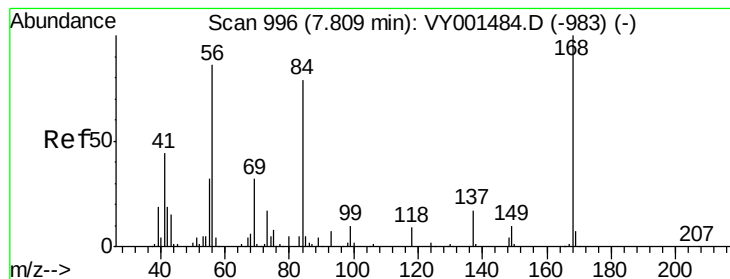
Tot Ion: 42 Resp: 54261
Ion Ratio Lower Upper
42 100
72 41.7 37.8 56.6
71 38.1 34.8 52.2



#30
Chloroform
Concen: 18.384 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Tgt Ion: 83 Resp: 73439
Ion Ratio Lower Upper
83 100
85 65.9 52.4 78.6





#31

Cyclohexane

Concen: 20.289 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampled :

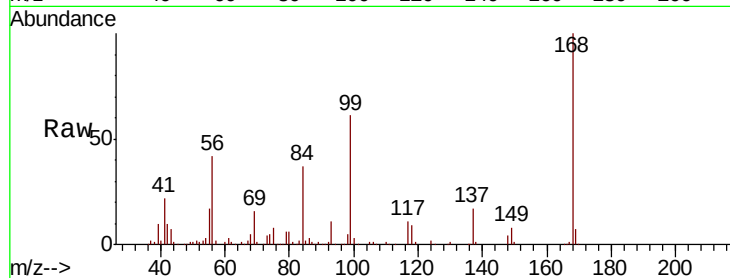
Tot Ion: 56 Resp: 81848

Ion Ratio Lower Upper

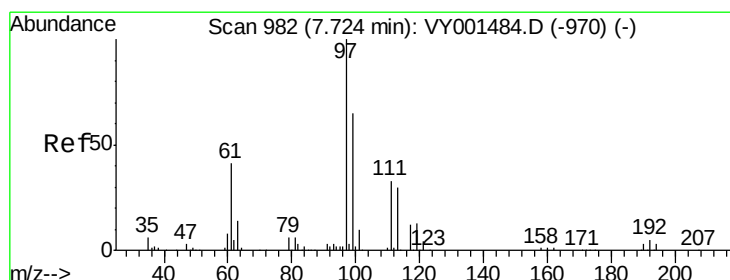
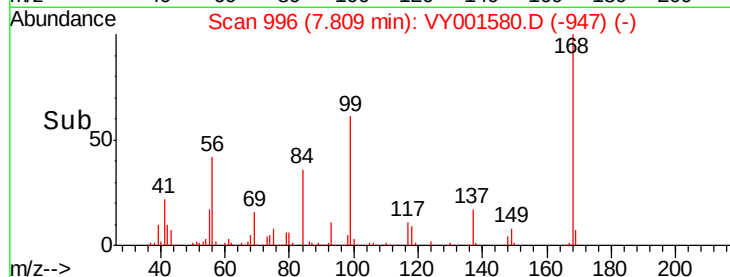
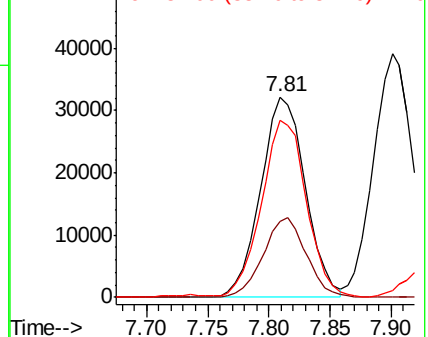
56 100

69 37.6 29.6 44.4

84 87.0 73.6 110.4



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: 17.974 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

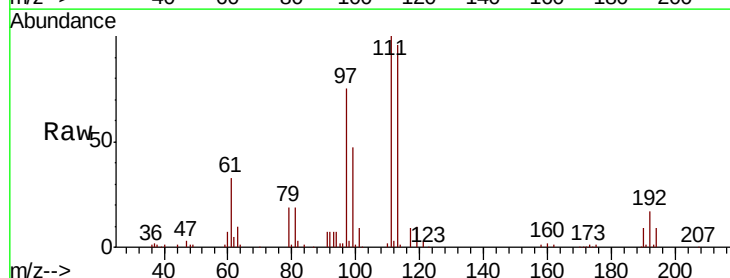
Tgt Ion: 97 Resp: 65098

Ion Ratio Lower Upper

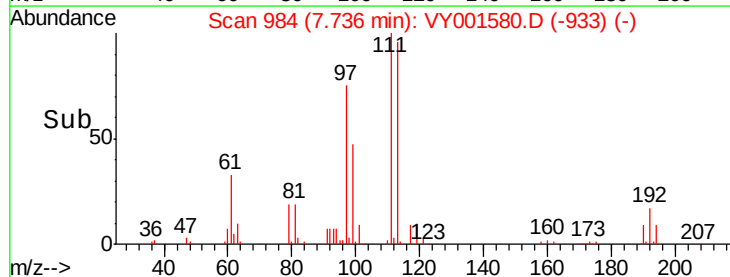
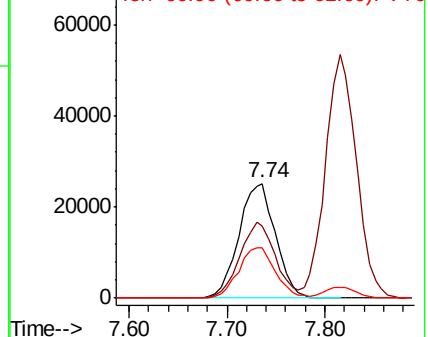
97 100

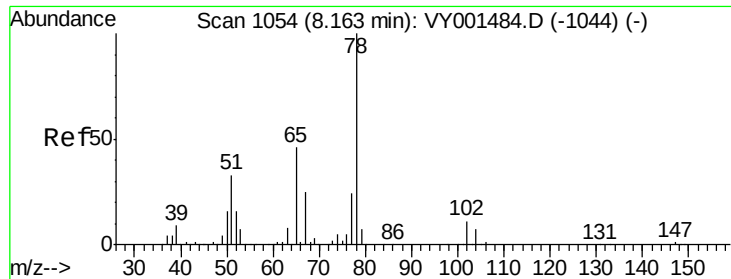
99 64.5 51.8 77.8

61 44.6 32.5 48.7



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

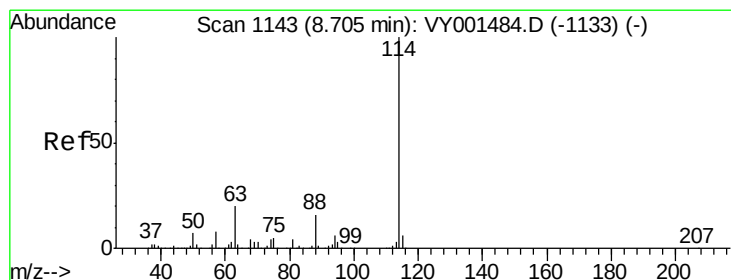
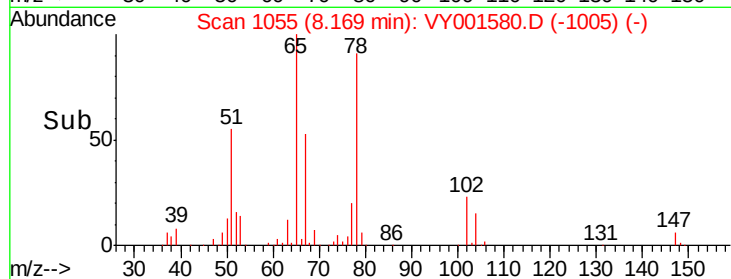
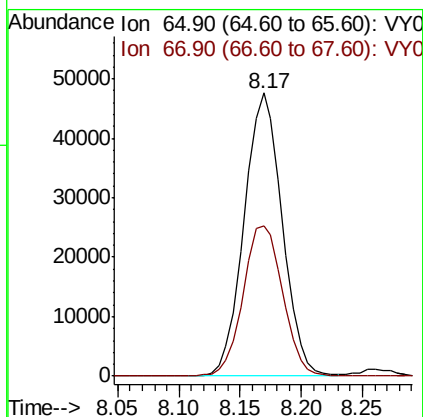
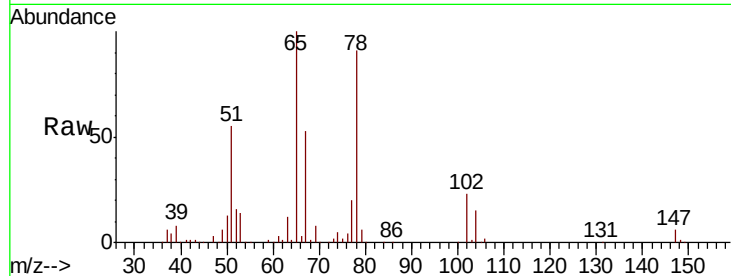




#33
 1,2-Dichloroethane-d4
 Concen: 49.801 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

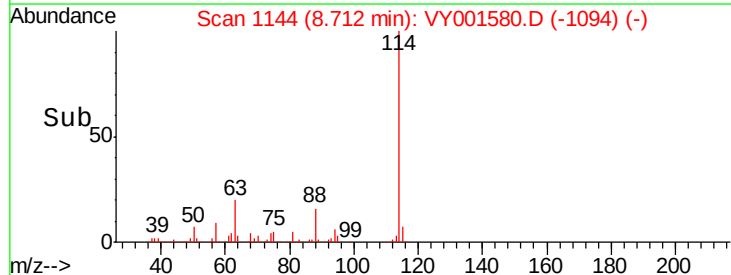
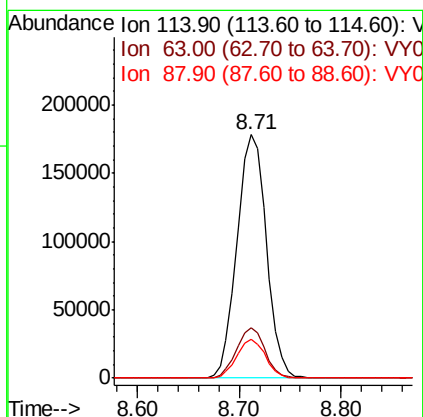
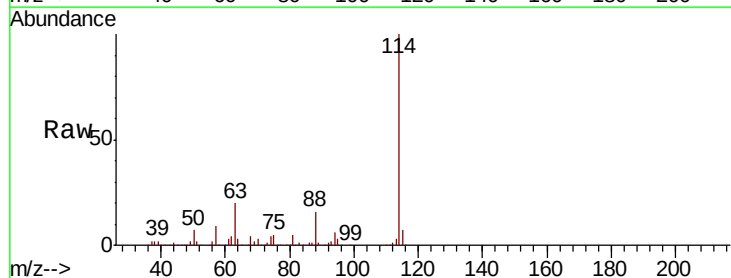
Instrument :
 MSVOA_Y
 ClientSampled :

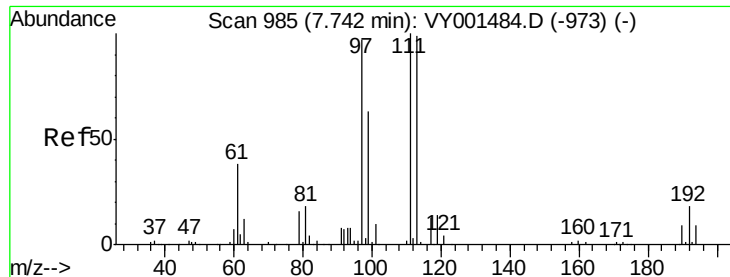
Tot Ion: 65 Resp: 103175
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

Tgt Ion: 114 Resp: 355764
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 15.9 0.0 32.6

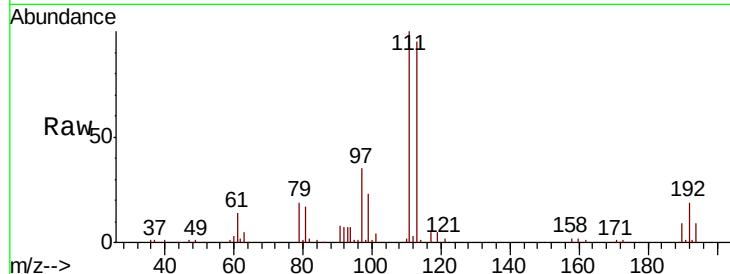




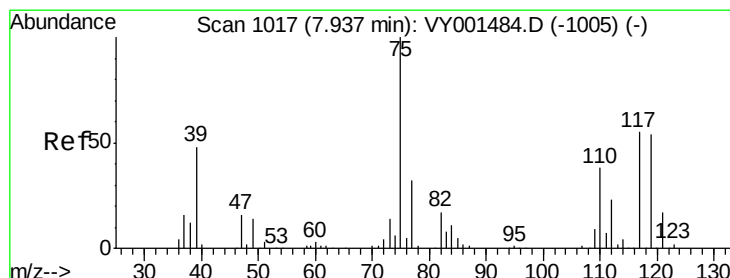
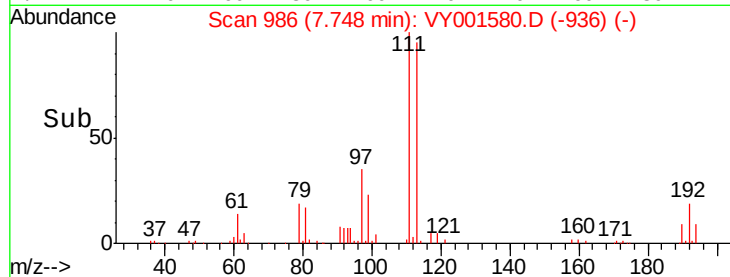
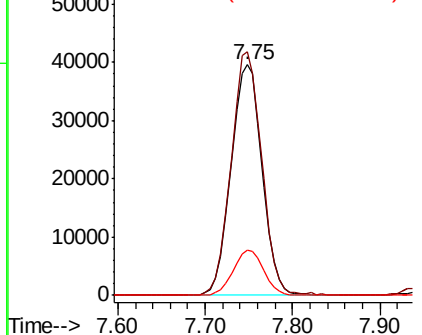
#35
 Dibromofluoromethane
 Concen: 47.552 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:113 Resp: 97554
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 19.2 14.6 22.0

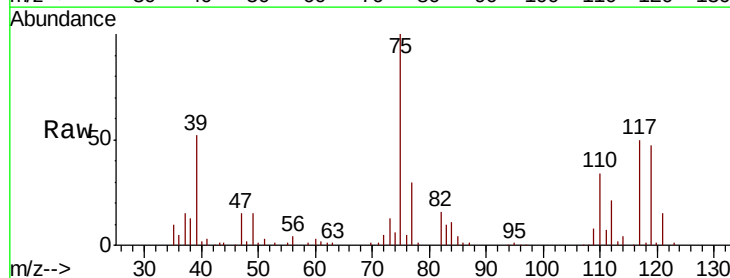


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

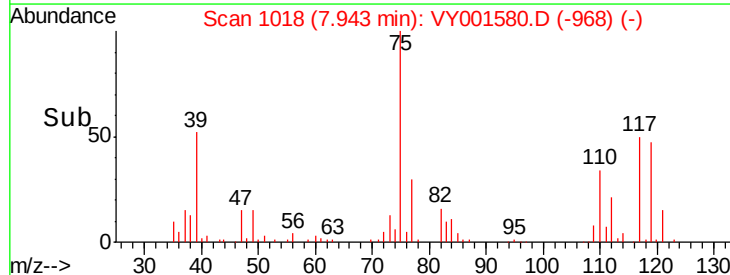
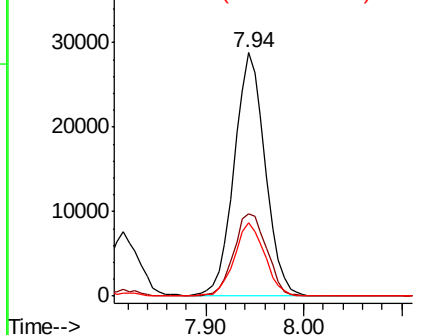


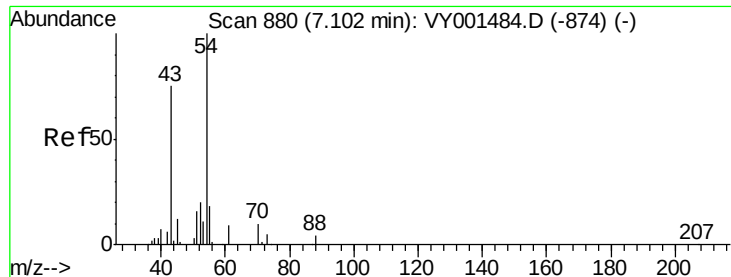
#36
 1,1-Dichloropropene
 Concen: 19.507 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

Tgt Ion: 75 Resp: 63486
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.2 54.6
 77 29.7 25.0 37.4



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

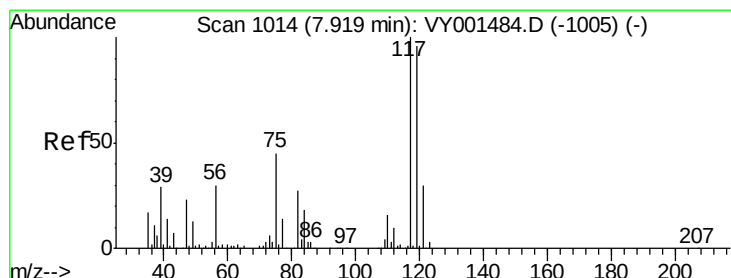
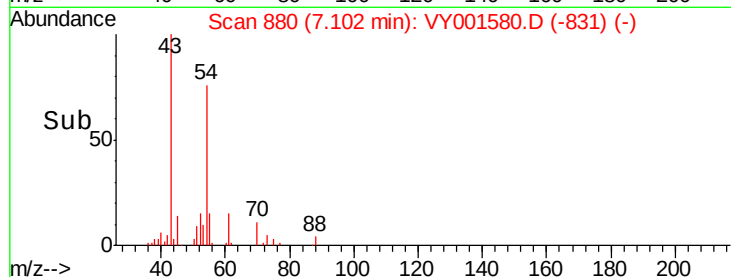
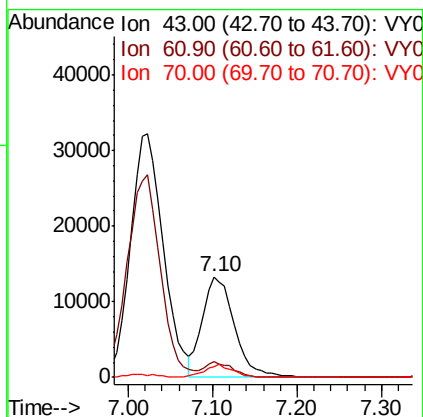
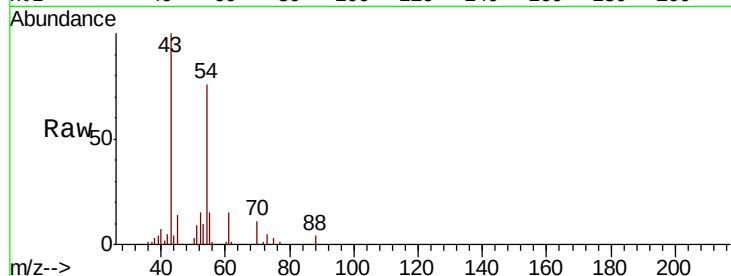




#37
Ethyl Acetate
Concen: 22.478 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

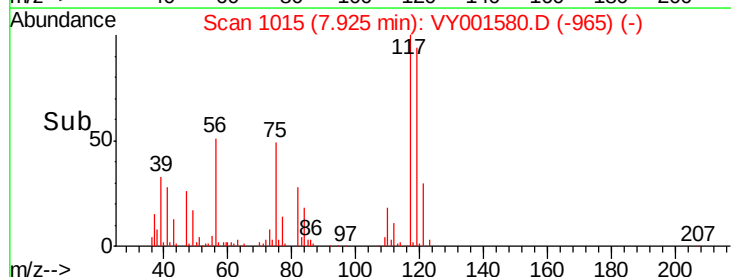
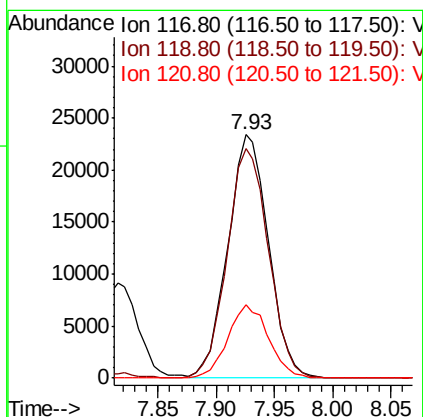
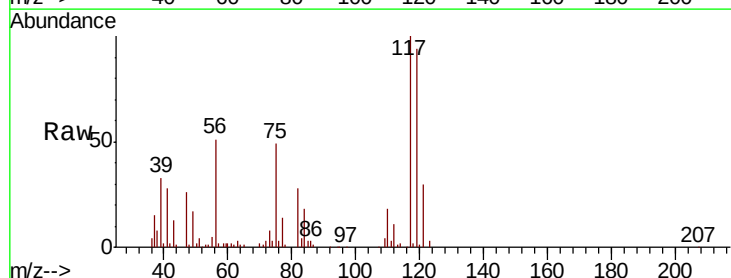
Instrument :
MSVOA_Y
ClientSampled :

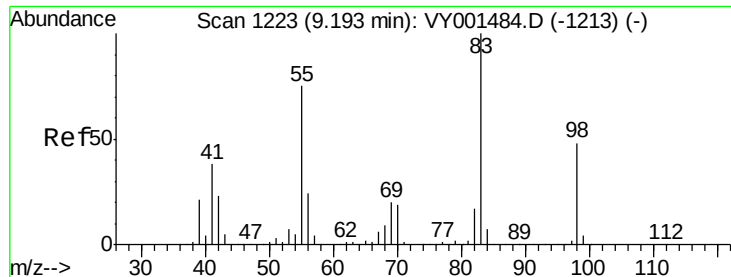
Tot Ion: 43 Resp: 35415
Ion Ratio Lower Upper
43 100
61 13.8 12.0 18.0
70 11.2 10.2 15.4



#38
Carbon Tetrachloride
Concen: 18.102 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Tgt Ion: 117 Resp: 57000
Ion Ratio Lower Upper
117 100
119 94.2 76.4 114.6
121 29.9 24.2 36.4

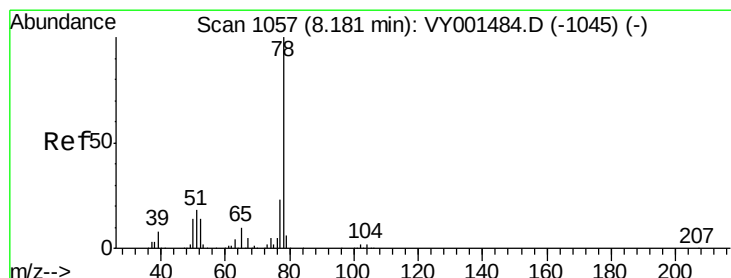
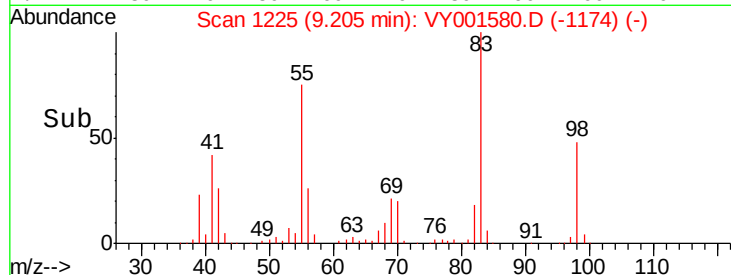
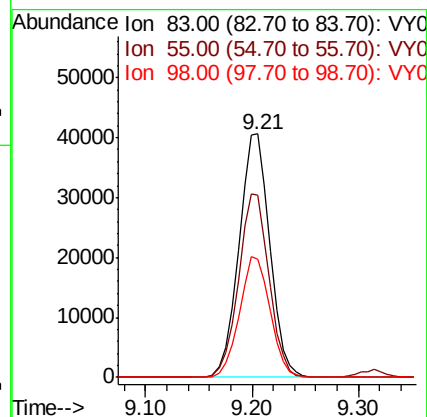
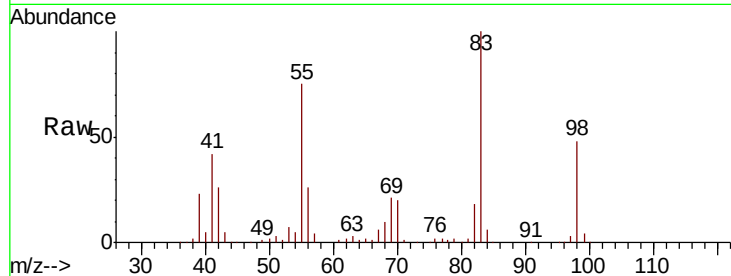




#39
Methylvlcyclohexane
Concen: 19.248 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

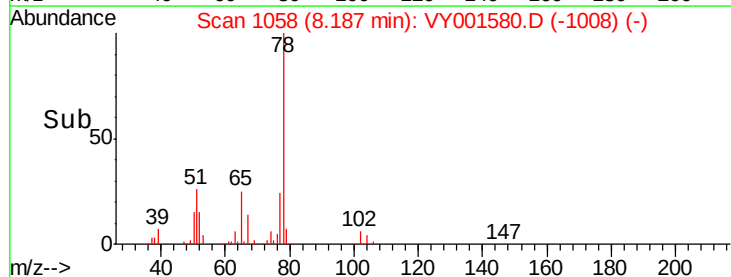
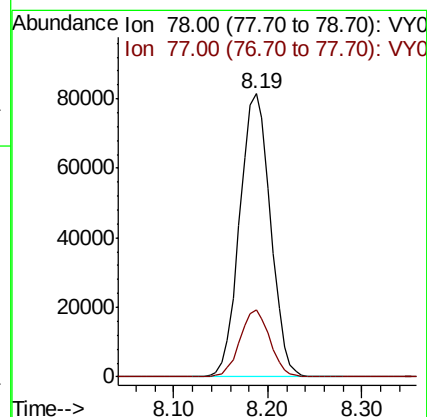
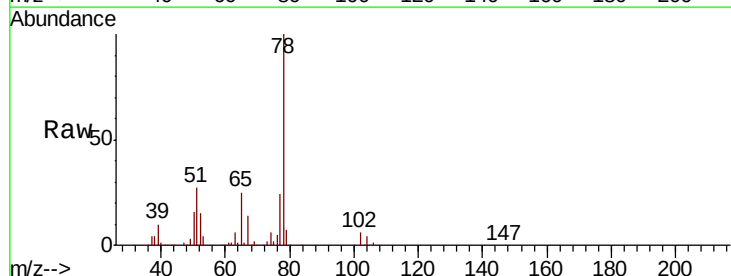
Instrument :
MSVOA_Y
ClientSampled :

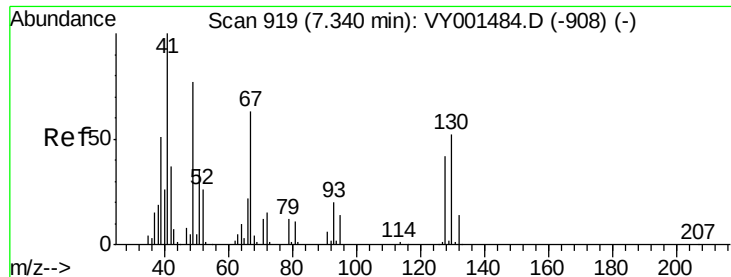
Tot Ion: 83 Resp: 82485
Ion Ratio Lower Upper
83 100
55 74.8 59.8 89.6
98 48.3 38.6 57.8



#40
Benzene
Concen: 19.863 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Tgt Ion: 78 Resp: 184392
Ion Ratio Lower Upper
78 100
77 23.7 18.5 27.7





#41

Methacrylonitrile

Concen: 66.328 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.04 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 41 Resp: 48433

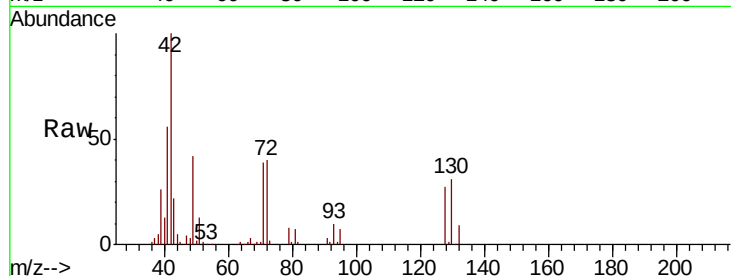
Ion Ratio Lower Upper

41 100

39 0.0 116.8 175.2#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

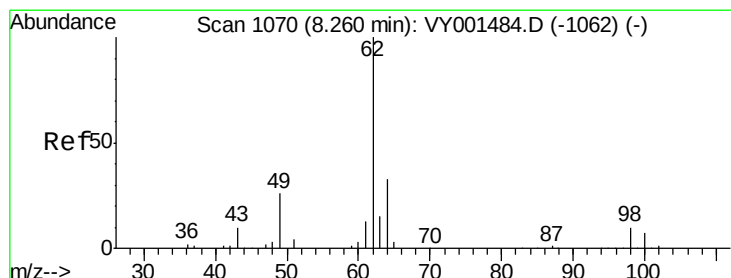
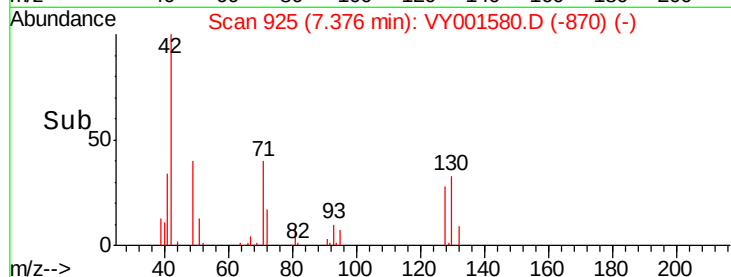
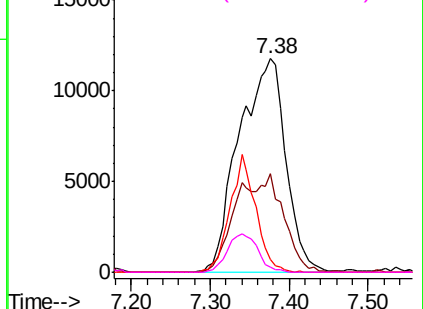


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 19.525 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VY001580.D

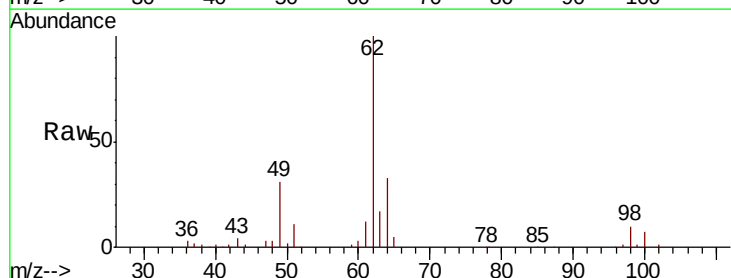
Acq: 10 Feb 2020 13:07

Tgt Ion: 62 Resp: 50497

Ion Ratio Lower Upper

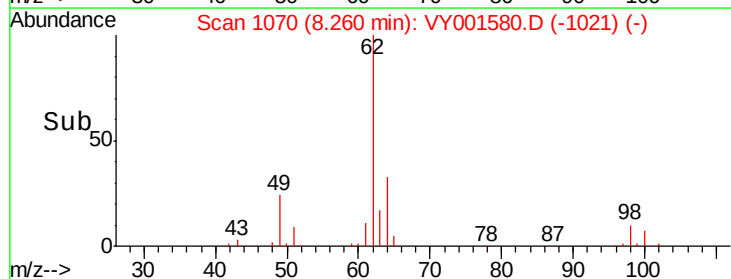
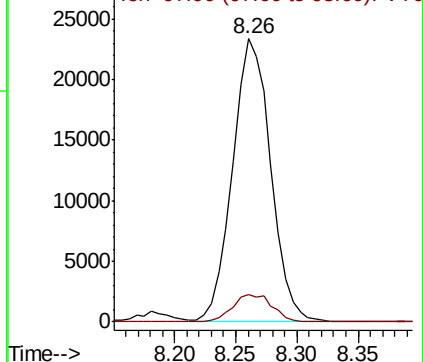
62 100

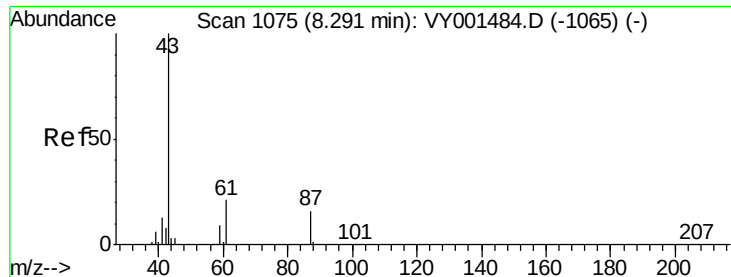
98 10.0 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 22.270 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

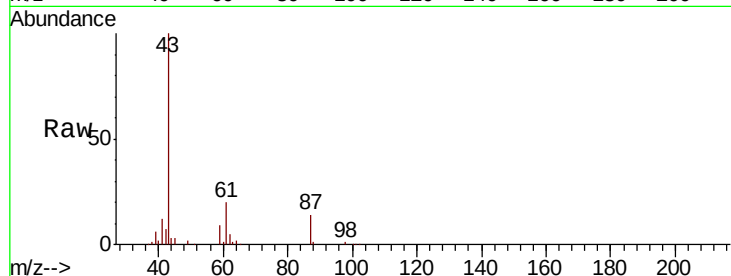
Tot Ion: 43 Resp: 69469

Ion Ratio Lower Upper

43 100

61 28.0 25.1 37.7

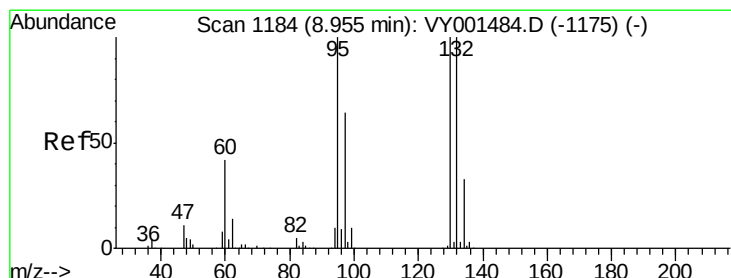
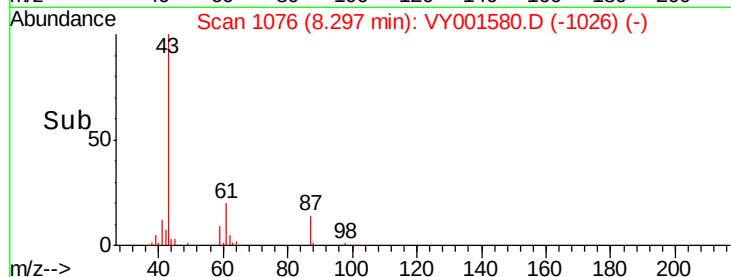
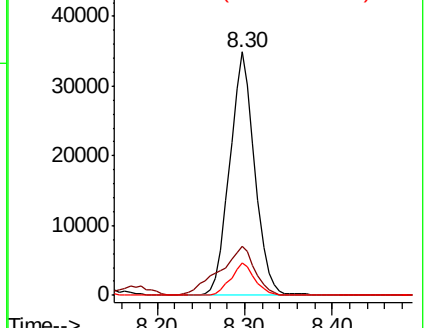
87 12.8 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY001580.D (-1076) (-)

Ion 61.00 (60.70 to 61.70): VY001580.D (-1076) (-)

Ion 87.00 (86.70 to 87.70): VY001580.D (-1076) (-)



#44

Trichloroethene

Concen: 19.085 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VY001580.D

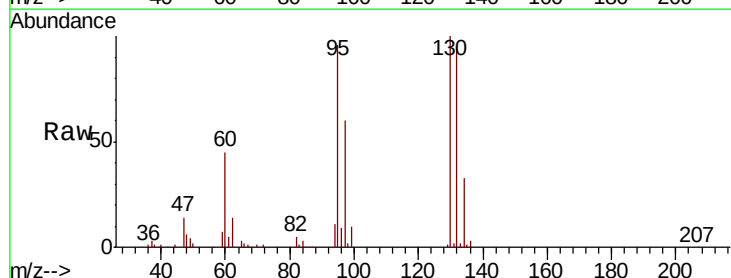
Acq: 10 Feb 2020 13:07

Tgt Ion:130 Resp: 47755

Ion Ratio Lower Upper

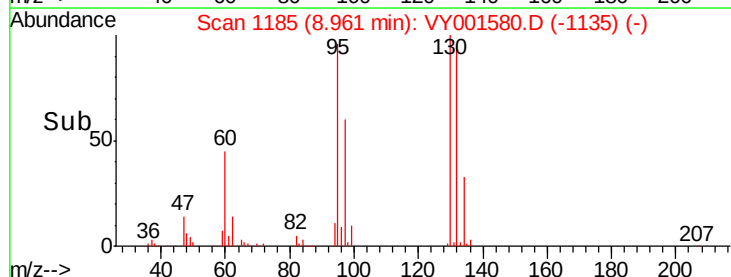
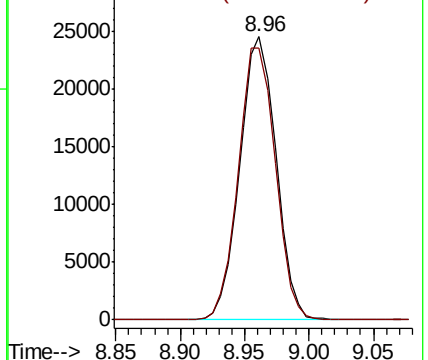
130 100

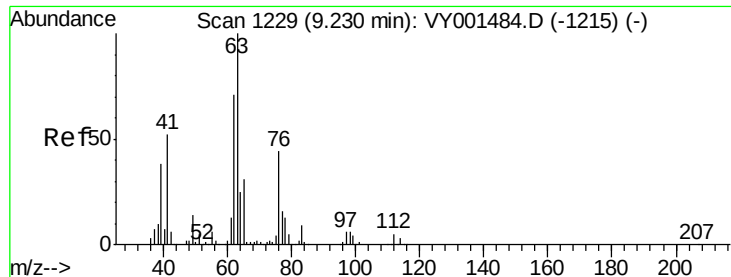
95 96.0 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): VY001580.D (-1185) (-)

Ion 94.90 (94.60 to 95.60): VY001580.D (-1185) (-)





#45

1,2-Dichloropropane

Concen: 20.554 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

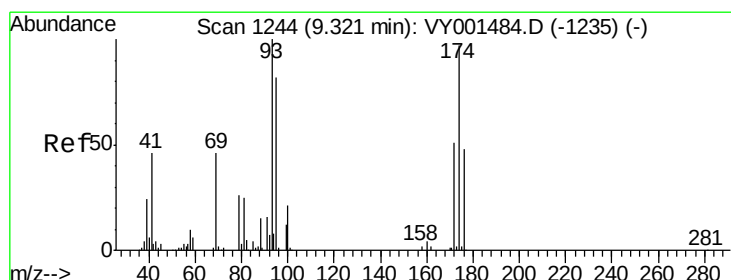
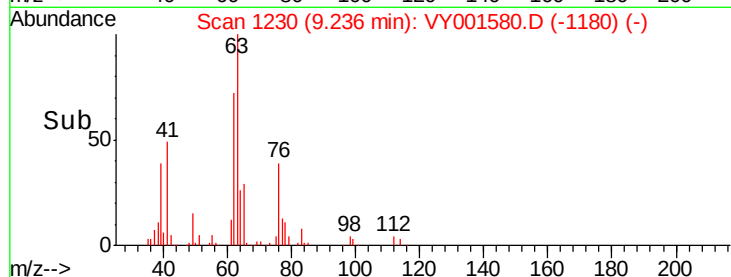
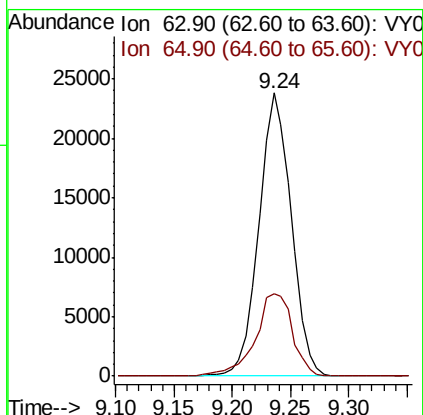
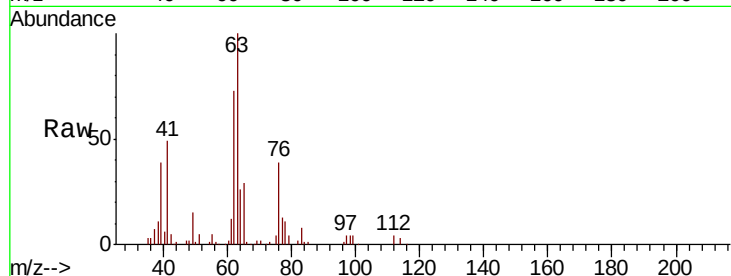
ClientSampleId :

Tot Ion: 63 Resp: 46074

Ion Ratio Lower Upper

63 100

65 29.0 25.0 37.4



#46

Dibromomethane

Concen: 19.147 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

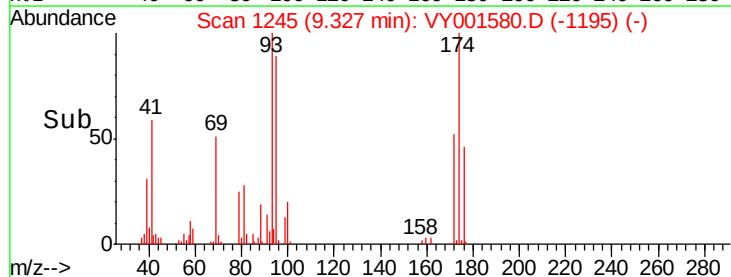
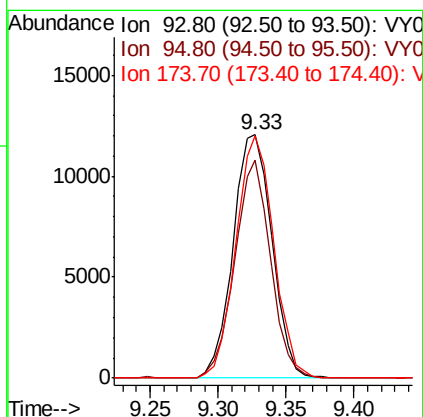
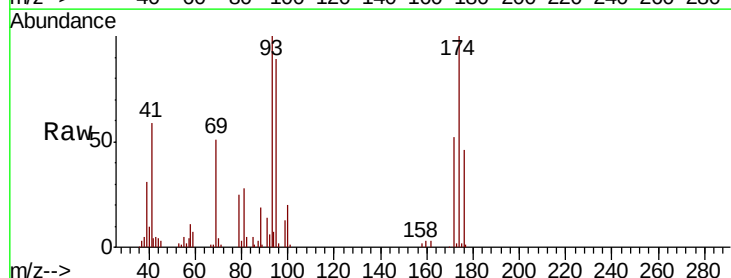
Tgt Ion: 93 Resp: 24101

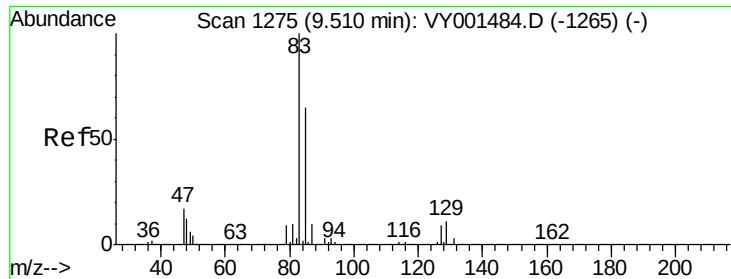
Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

174 96.6 75.4 113.2





#47

Bromodichloromethane

Concen: 19.152 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

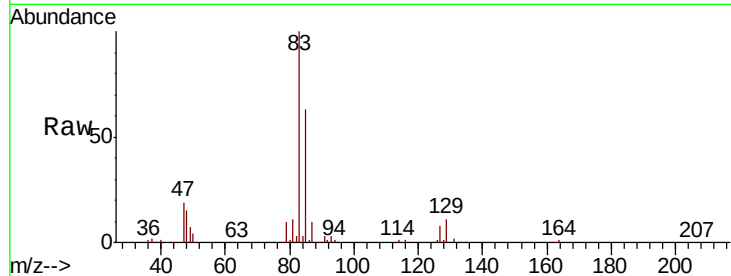
Tot Ion: 83 Resp: 58738

Ion Ratio Lower Upper

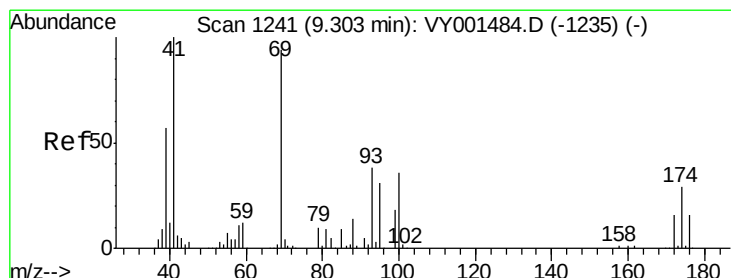
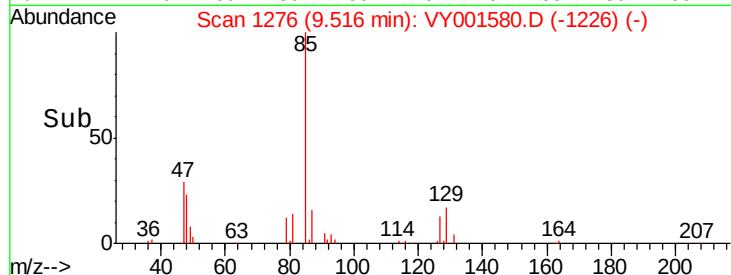
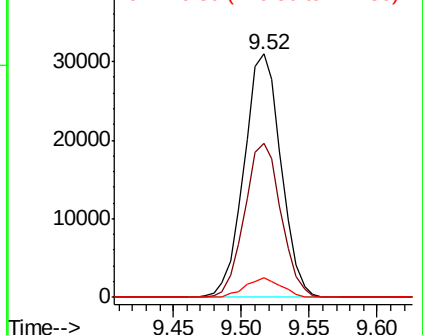
83 100

85 63.3 51.9 77.9

127 7.9 6.9 10.3



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: 21.966 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

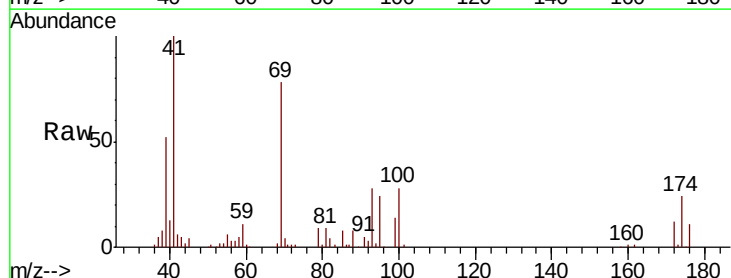
Tgt Ion: 41 Resp: 31100

Ion Ratio Lower Upper

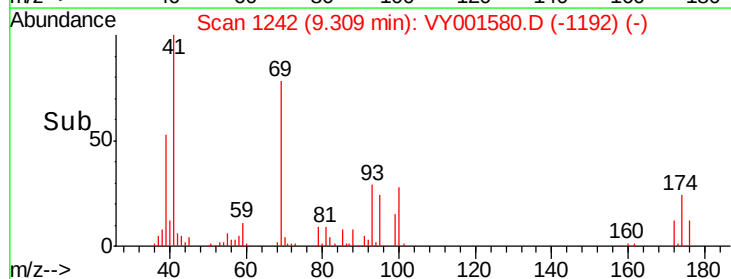
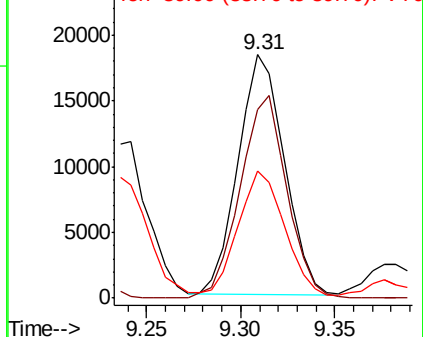
41 100

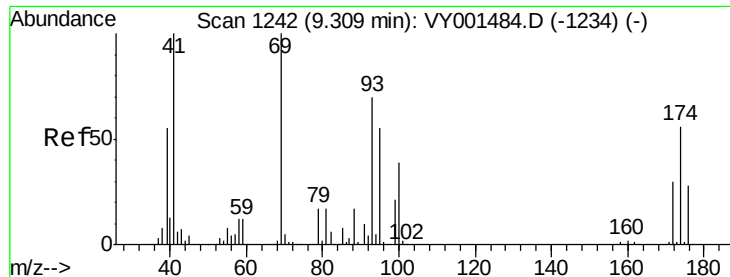
69 85.5 76.6 114.8

39 51.4 45.4 68.0



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: 370.800 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.02 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :

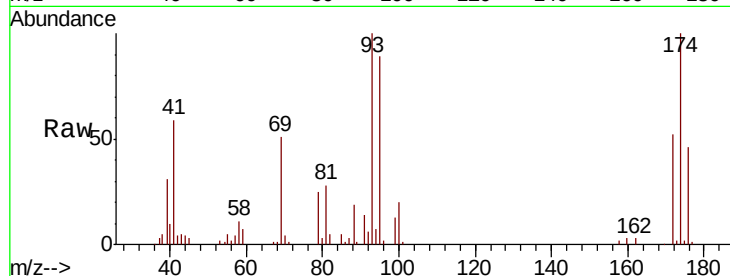
Tot Ion: 88 Resp: 6164

Ion Ratio Lower Upper

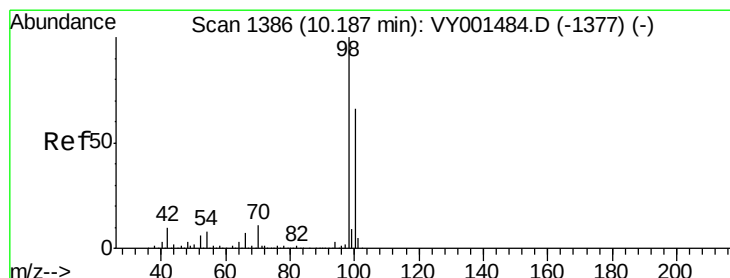
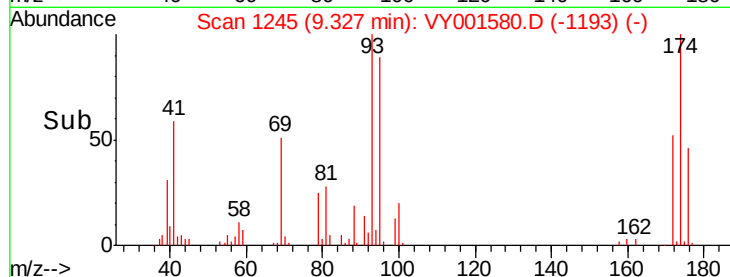
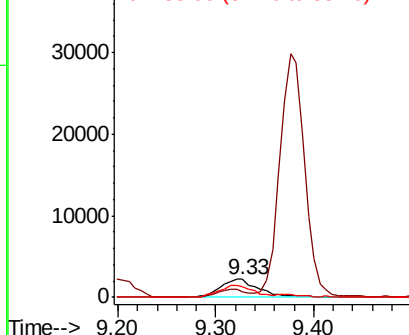
88 100

43 34.8 24.8 37.2

58 58.1 59.3 88.9#



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



#50

Toluene-d8

Concen: 51.926 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001580.D

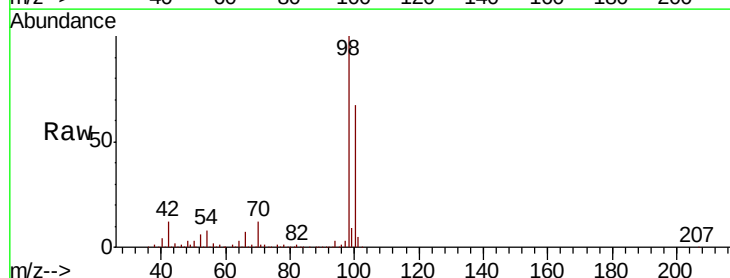
Acq: 10 Feb 2020 13:07

Tgt Ion: 98 Resp: 403037

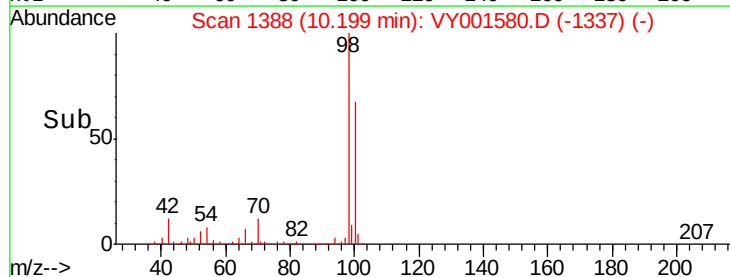
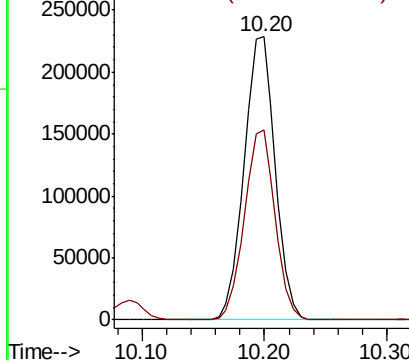
Ion Ratio Lower Upper

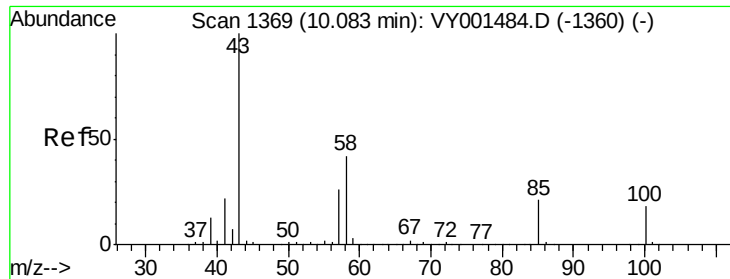
98 100

100 66.3 53.0 79.6



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





#51

4-Methyl-2-Pentanone

Concen: 115.174 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

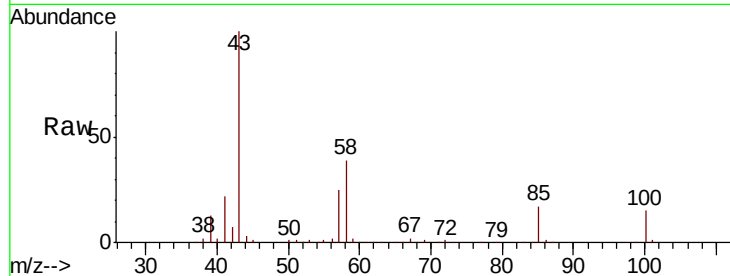
ClientSampled :

Tot Ion: 43 Resp: 176935

Ion Ratio Lower Upper

43 100

58 39.2 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VY001580.D (-1370) (-)

Ion 58.00 (57.70 to 58.70): VY001580.D (-1370) (-)

10.09

120000

100000

80000

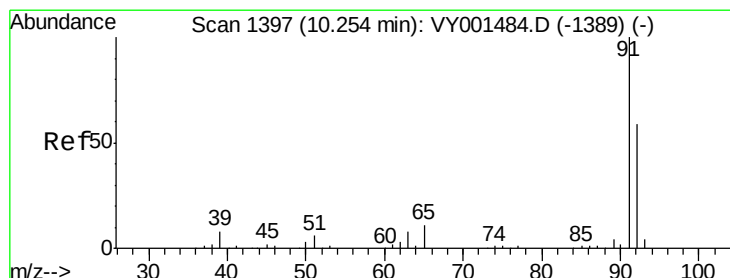
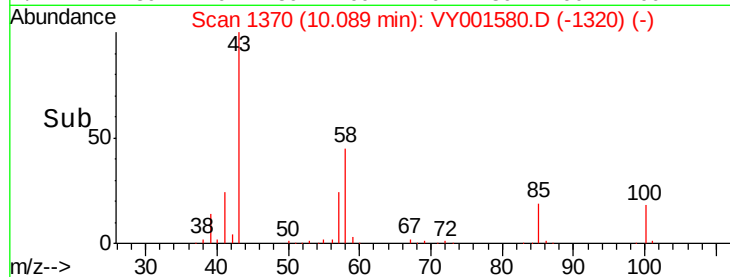
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 19.659 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY001580.D

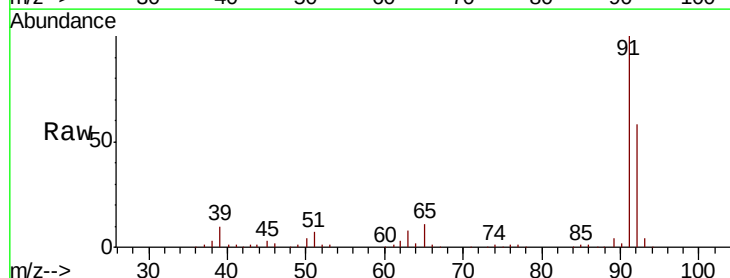
Acq: 10 Feb 2020 13:07

Tgt Ion: 92 Resp: 115794

Ion Ratio Lower Upper

92 100

91 172.1 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY001580.D (-1398) (-)

Ion 91.00 (90.70 to 91.70): VY001580.D (-1398) (-)

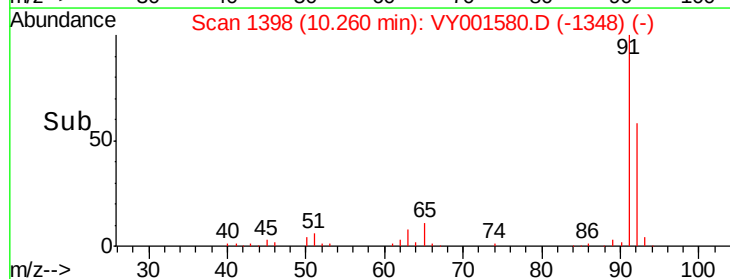
10.26

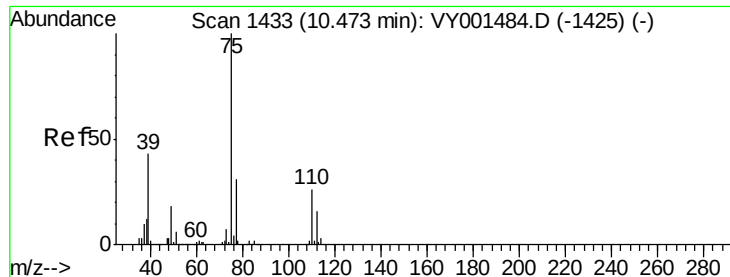
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.137 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

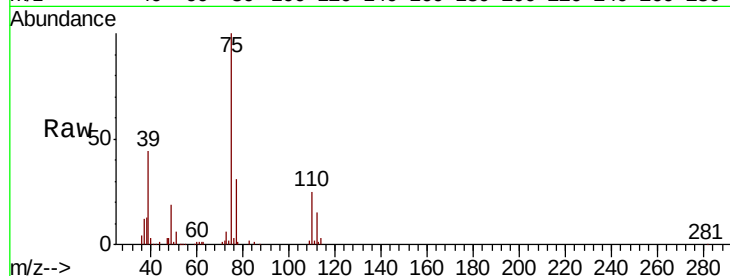
ClientSampleId :

Tot Ion: 75 Resp: 63925

Ion Ratio Lower Upper

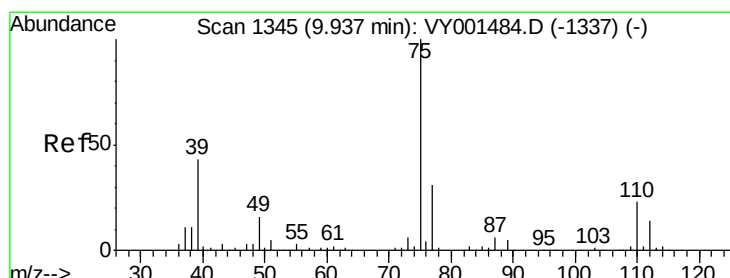
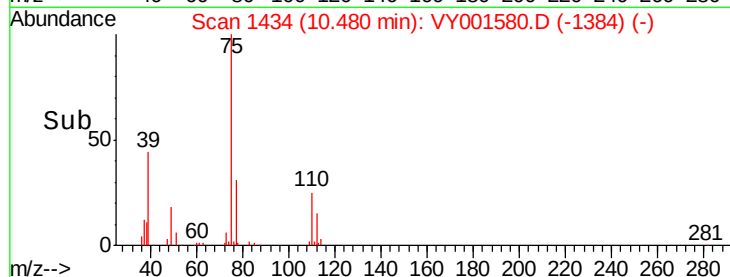
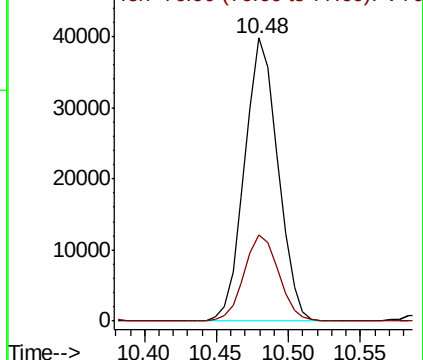
75 100

77 30.6 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.101 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

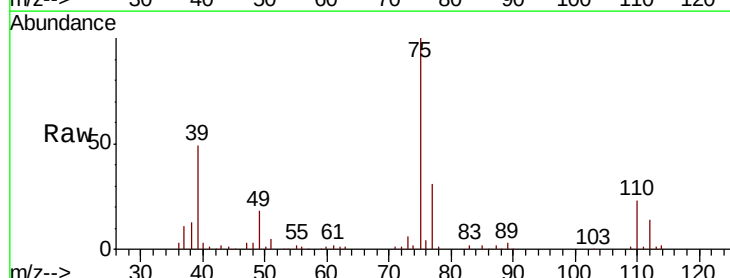
Tgt Ion: 75 Resp: 73254

Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1

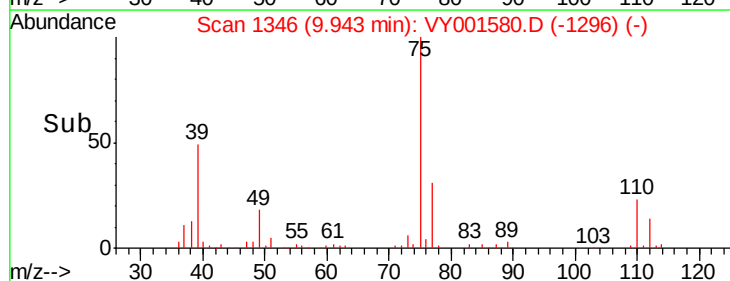
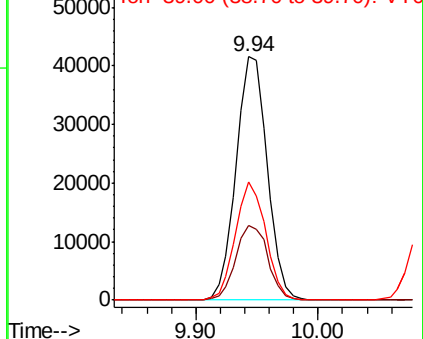
39 48.6 34.0 51.0

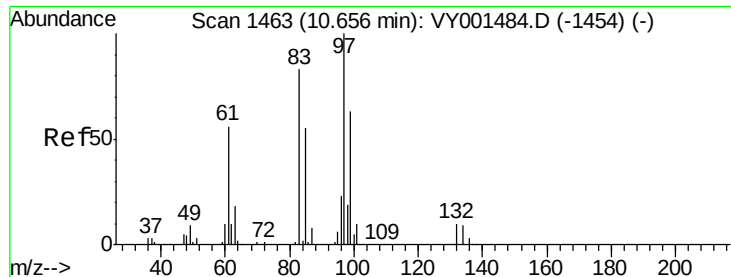


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

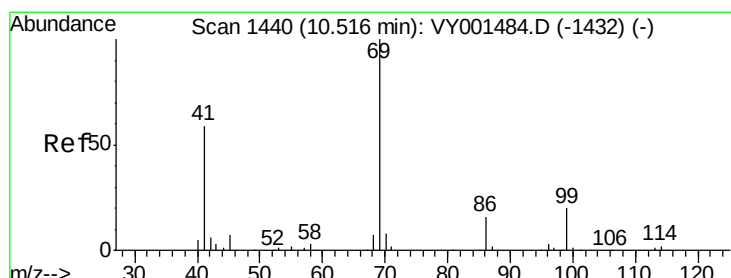
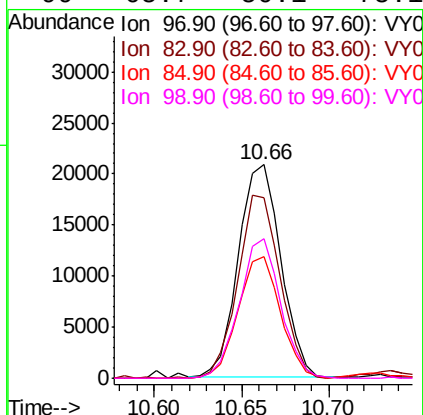
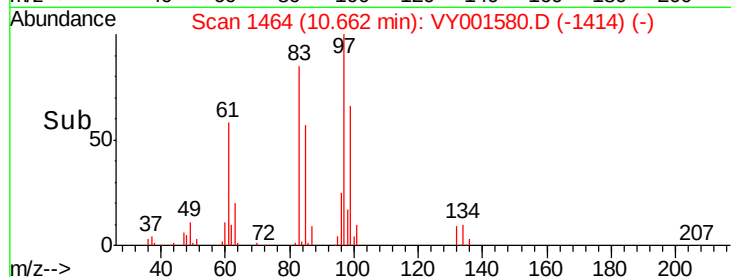
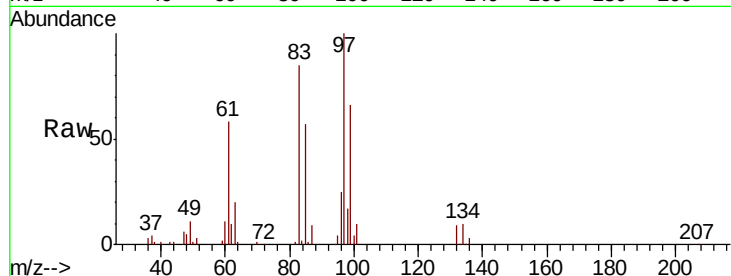




#55
 1,1,2-Trichloroethane
 Concen: 19.619 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

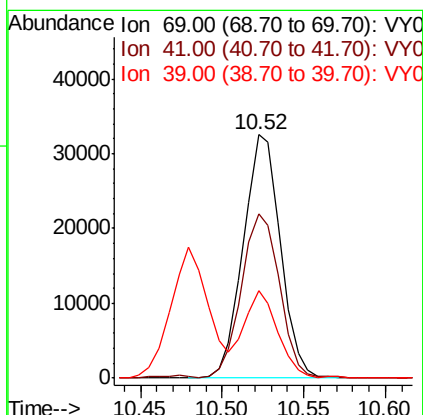
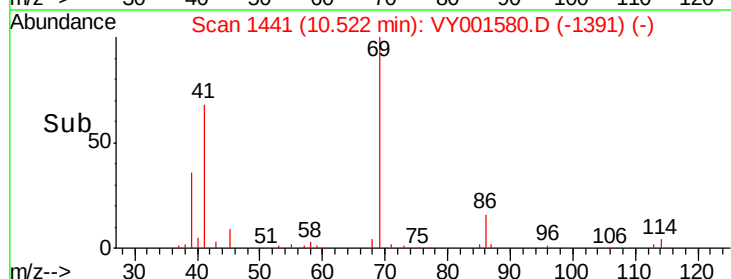
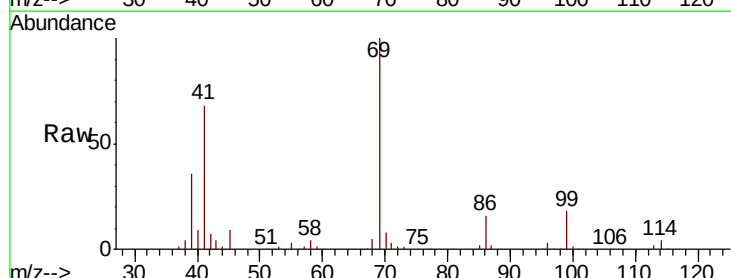
Instrument :
 MSVOA_Y
 ClientSampleId :

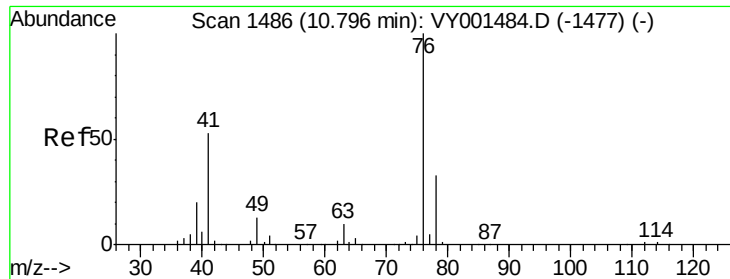
Tot Ion: 97 Resp: 35432
 Ion Ratio Lower Upper
 97 100
 83 84.9 66.2 99.2
 85 56.9 43.8 65.6
 99 65.7 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 20.129 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

Tgt Ion: 69 Resp: 51704
 Ion Ratio Lower Upper
 69 100
 41 69.7 47.8 71.8
 39 33.1 24.4 36.6

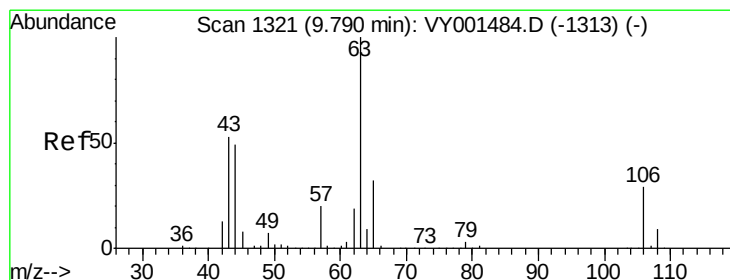
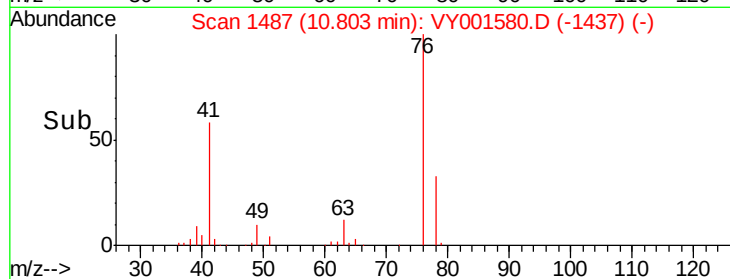
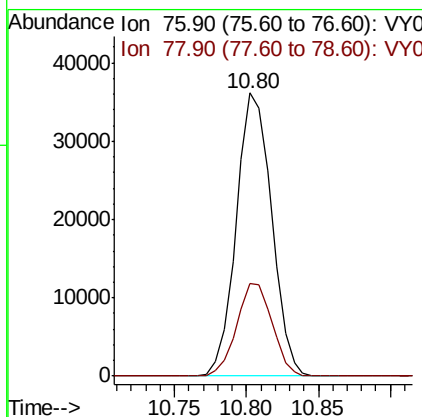
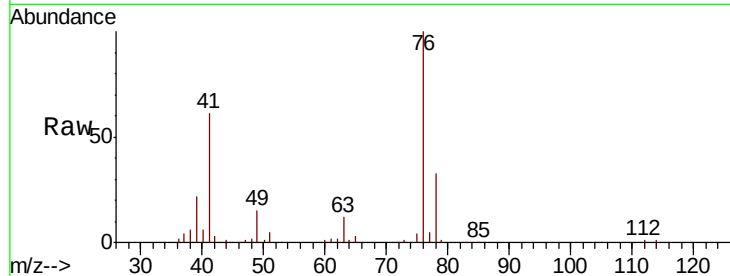




#57
 1,3-Dichloropropane
 Concen: 19.367 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

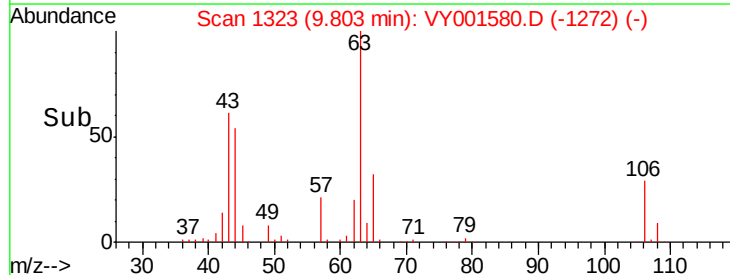
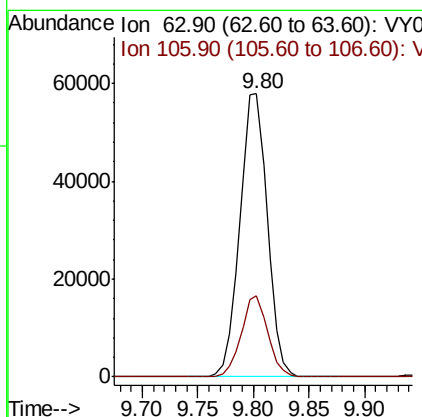
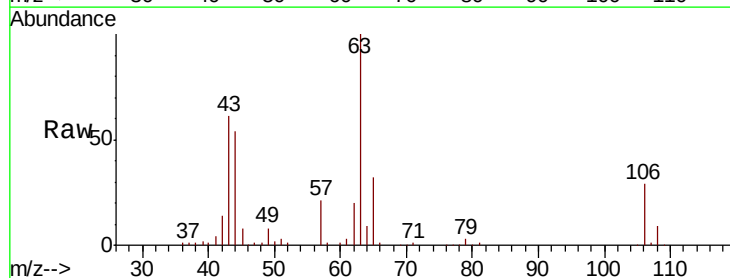
Instrument :
 MSVOA_Y
 ClientSampled :

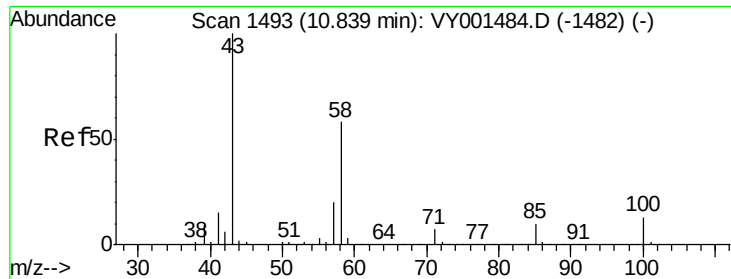
Tot Ion: 76 Resp: 61656
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.030 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

Tgt Ion: 63 Resp: 99249
 Ion Ratio Lower Upper
 63 100
 106 27.6 24.0 36.0

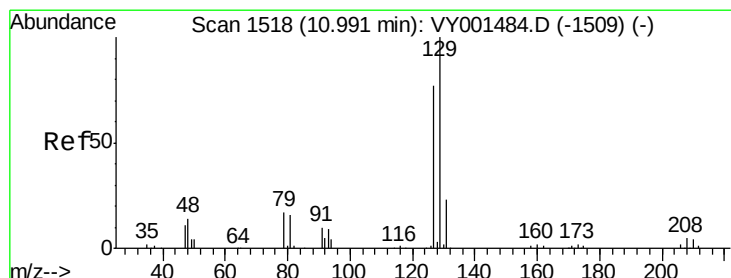
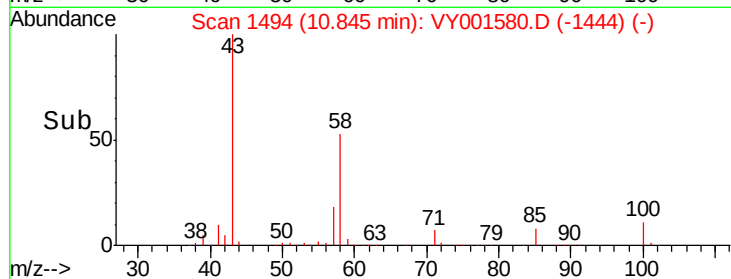
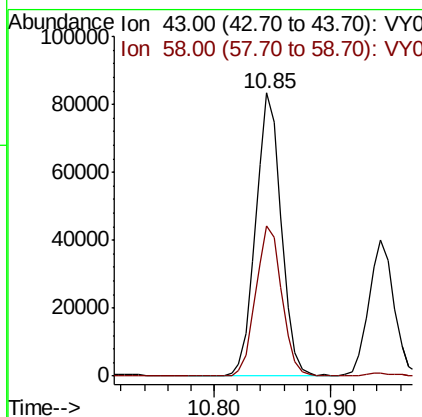
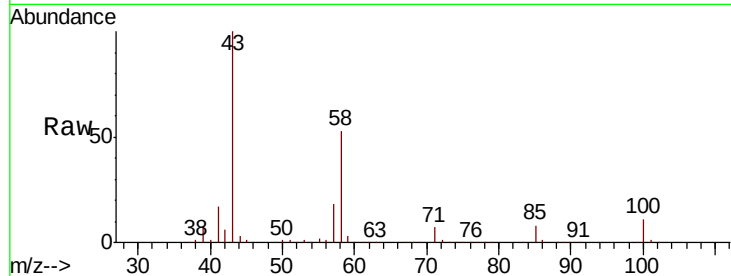




#59
2-Hexanone
Concen: 114.388 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

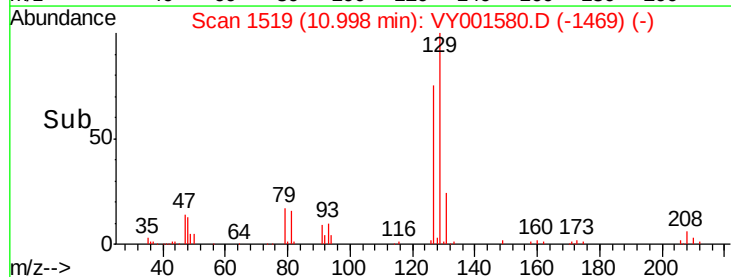
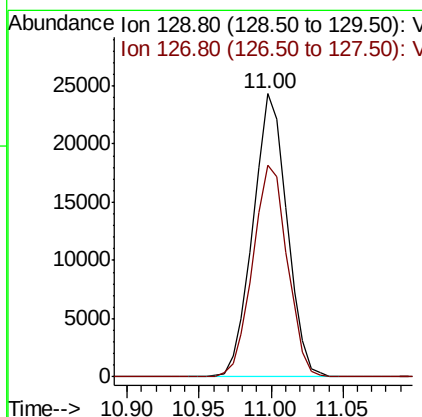
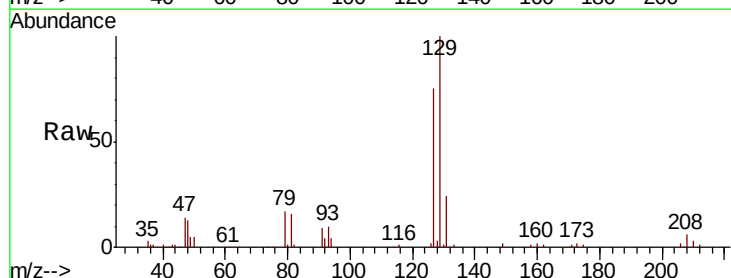
Instrument :
MSVOA_Y
ClientSampleId :

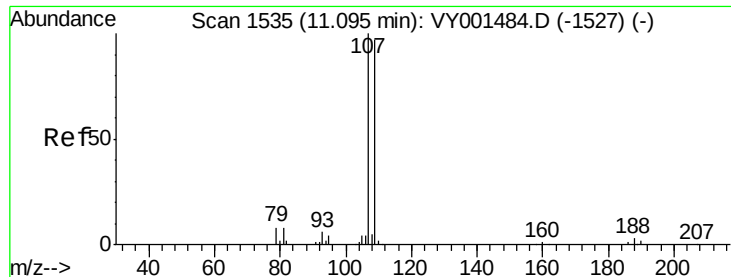
Tot Ion: 43 Resp: 127769
Ion Ratio Lower Upper
43 100
58 54.3 29.0 87.0



#60
Dibromochloromethane
Concen: 18.596 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Tgt Ion:129 Resp: 39588
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.6

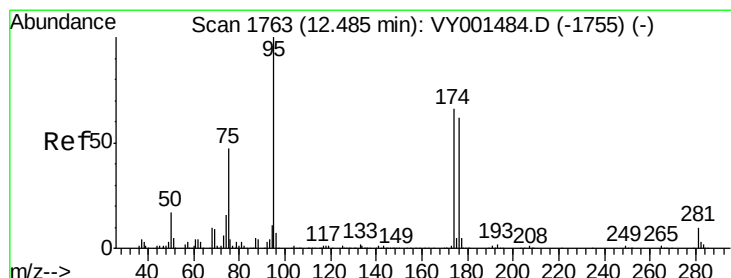
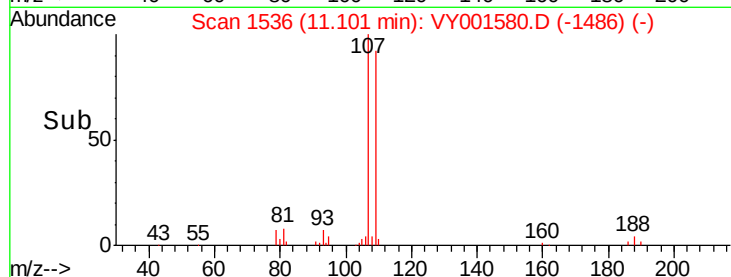
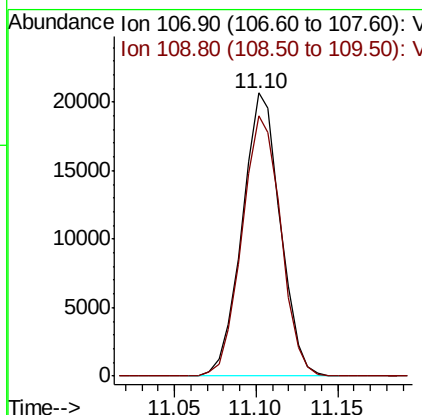
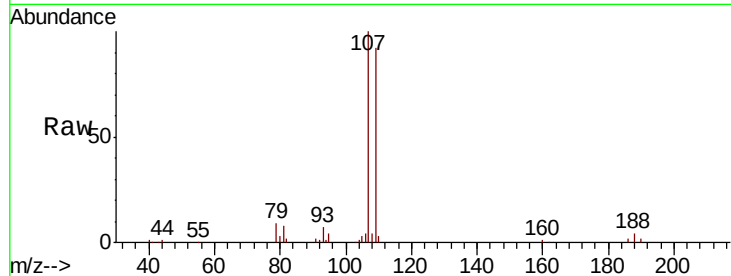




#61
 1,2-Dibromoethane
 Concen: 18.887 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

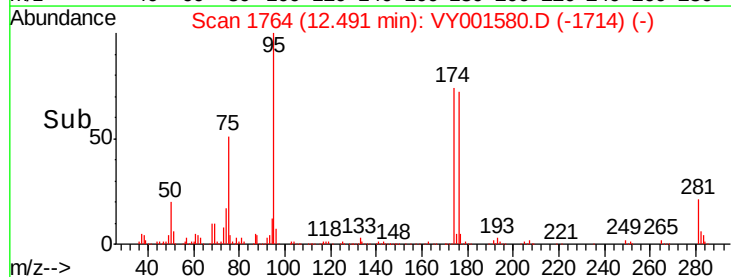
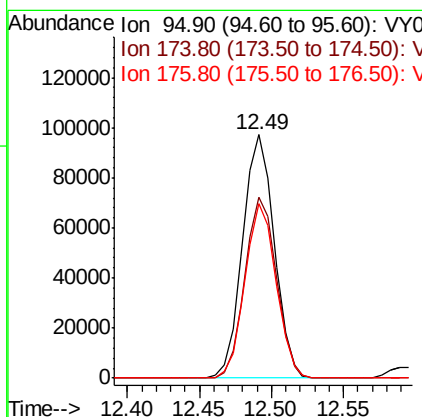
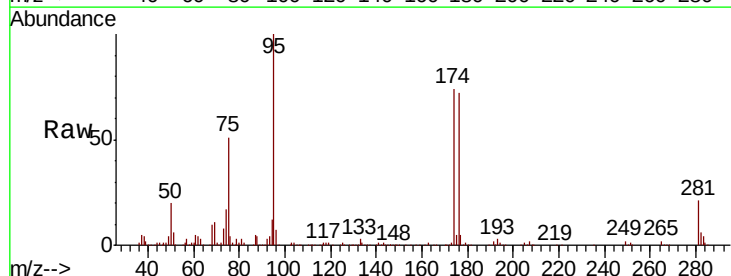
Instrument :
 MSVOA_Y
 ClientSampleId :

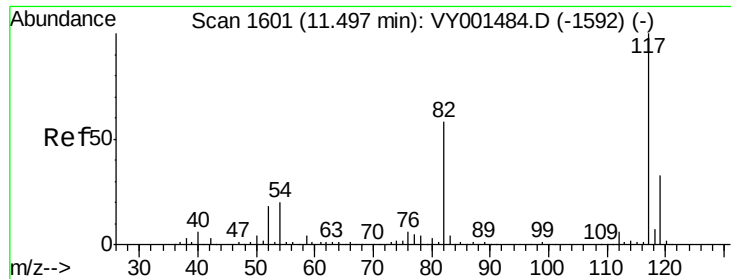
Tot Ion:107 Resp: 33596
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 48.289 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

Tgt Ion: 95 Resp: 147654
 Ion Ratio Lower Upper
 95 100
 174 74.1 0.0 141.4
 176 70.6 0.0 135.4

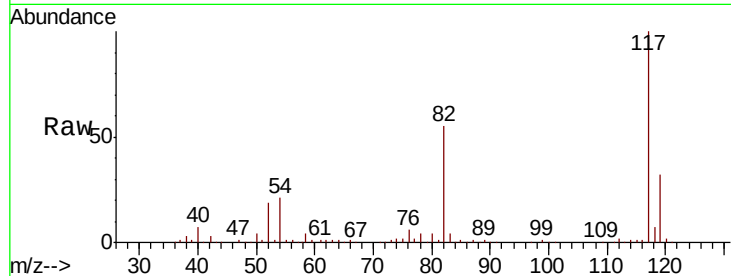




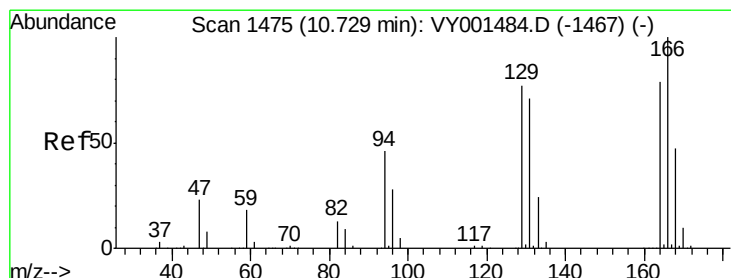
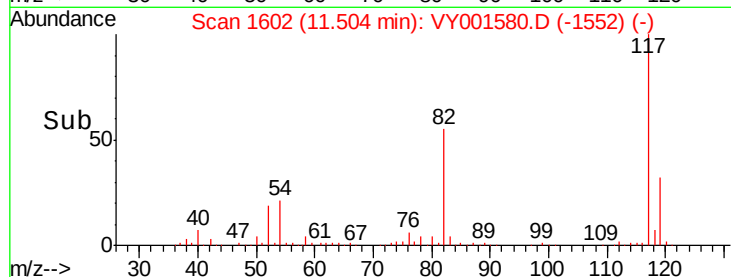
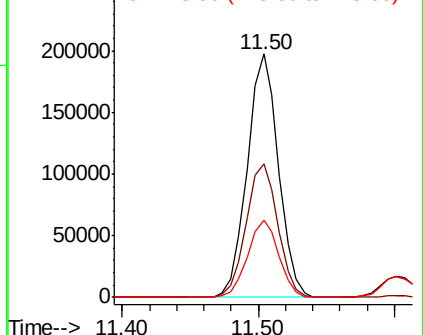
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 316150
Ion Ratio Lower Upper
117 100
82 54.8 46.1 69.1
119 31.7 26.1 39.1

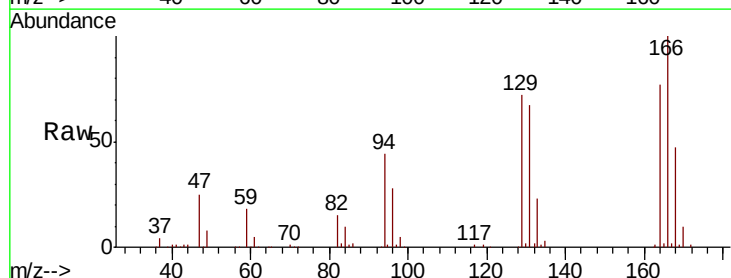


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

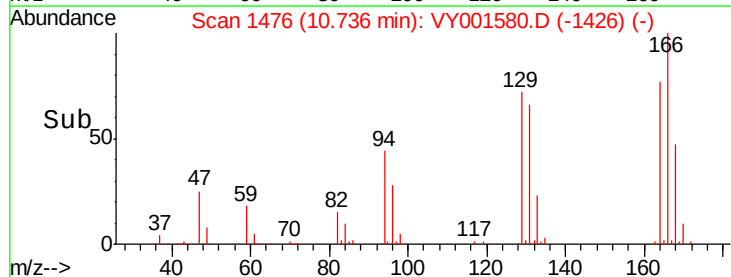
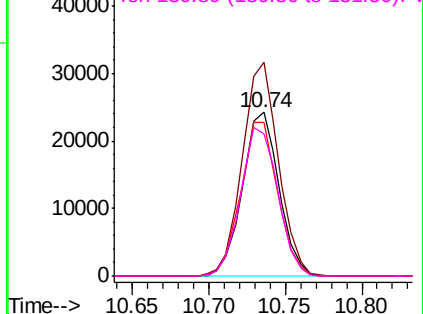


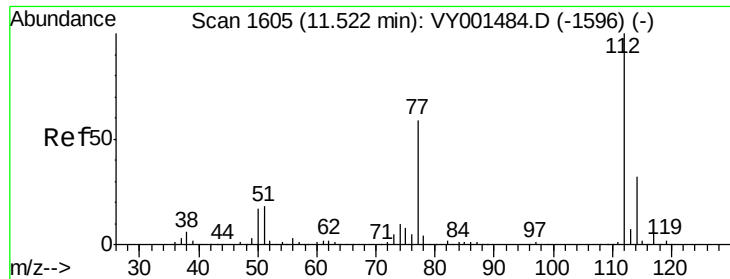
#64
Tetrachloroethene
Concen: 19.334 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Tgt Ion:164 Resp: 40087
Ion Ratio Lower Upper
164 100
166 130.4 100.8 151.2
129 93.9 77.8 116.6
131 86.9 72.0 108.0



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

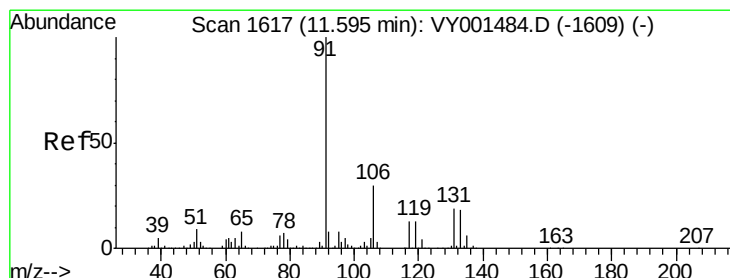
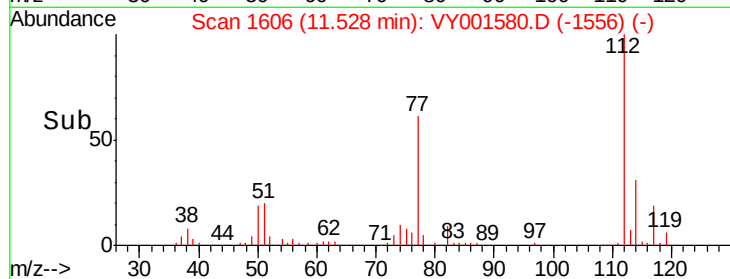
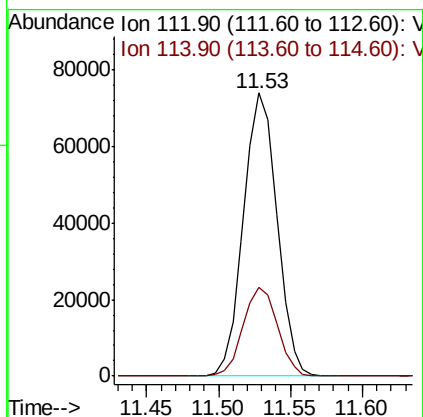
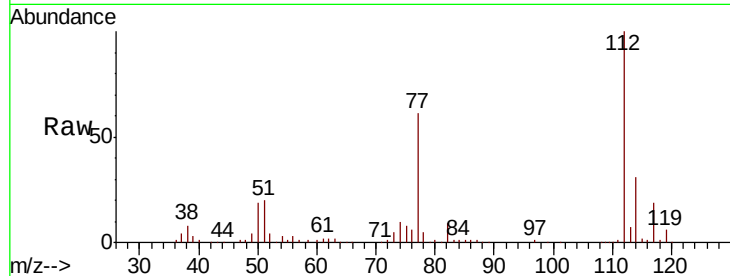




#65
Chlorobenzene
Concen: 19.215 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

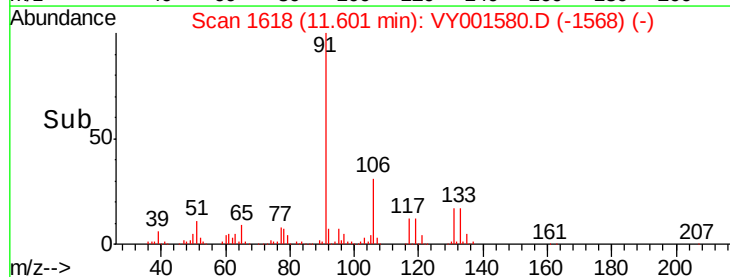
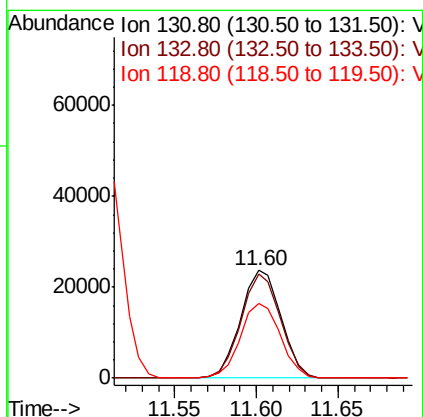
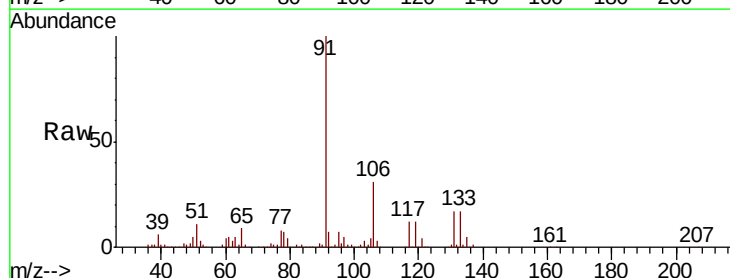
Instrument :
MSVOA_Y
ClientSampleId :

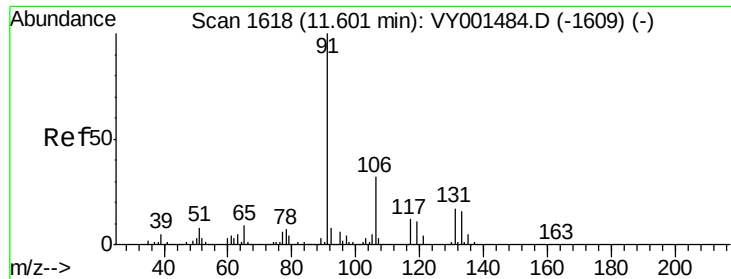
Tot Ion:112 Resp: 119281
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.723 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Tgt Ion:131 Resp: 40677
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.8
119 69.0 33.7 101.0

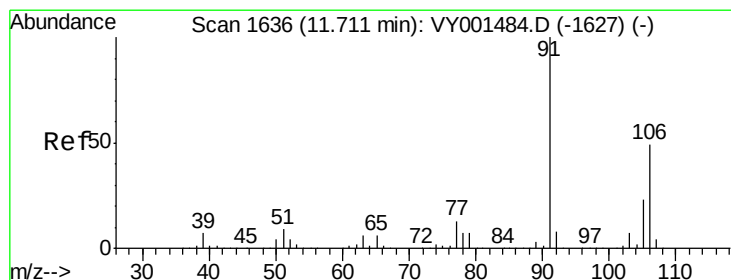
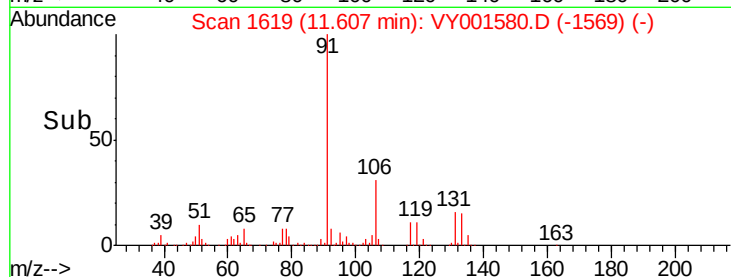
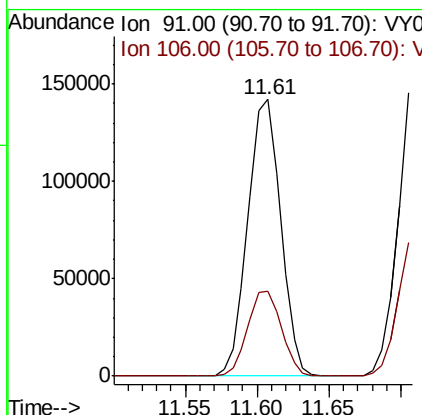
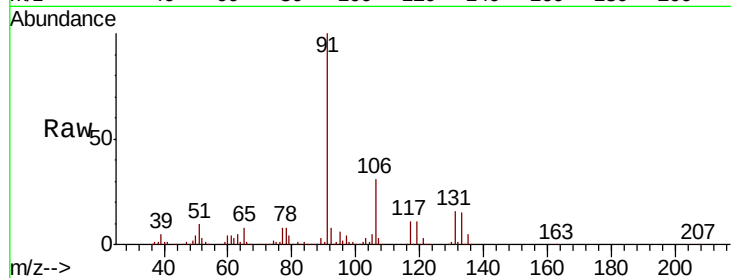




#67
Ethyl Benzene
Concen: 19.555 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

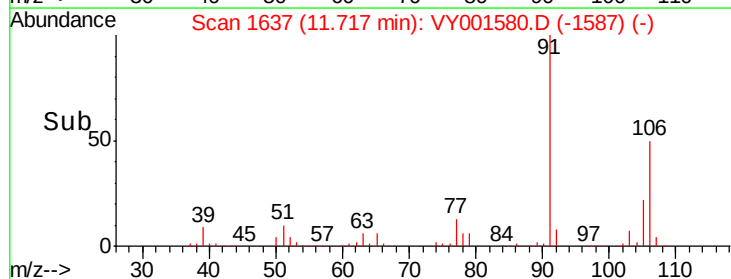
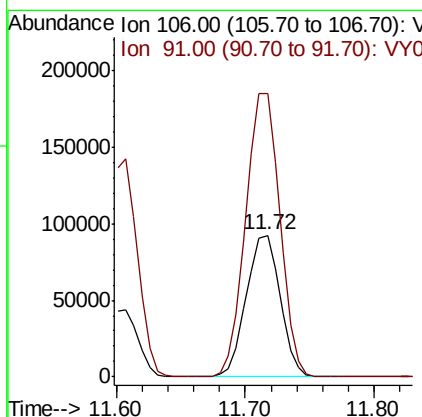
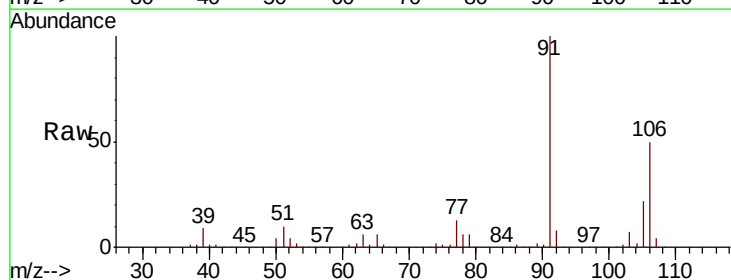
Instrument :
MSVOA_Y
ClientSampleId :

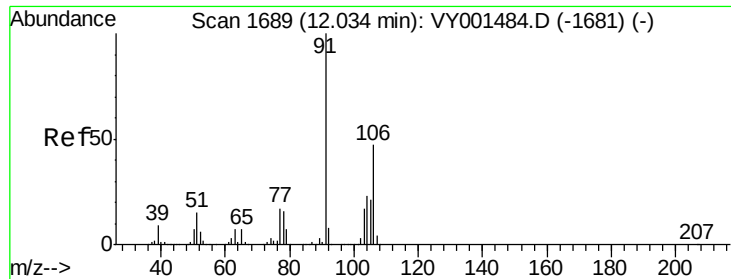
Tot Ion: 91 Resp: 224440
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9



#68
m/p-Xylenes
Concen: 38.990 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Tgt Ion: 106 Resp: 167996
Ion Ratio Lower Upper
106 100
91 202.3 163.6 245.4

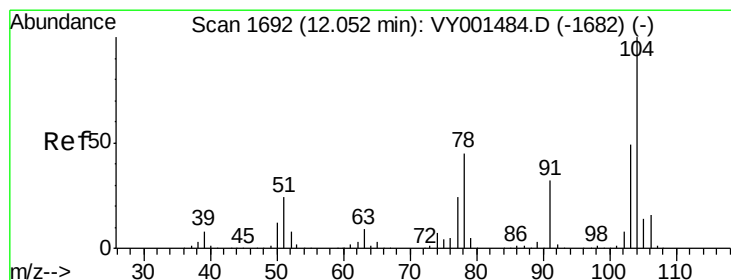
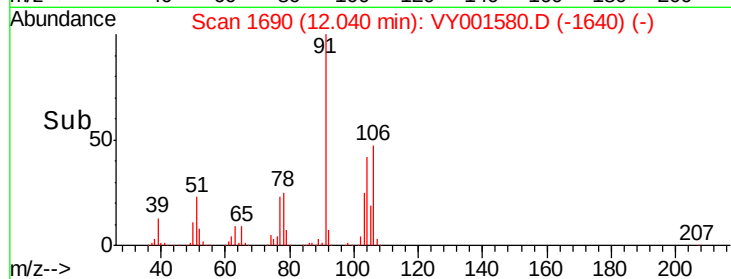
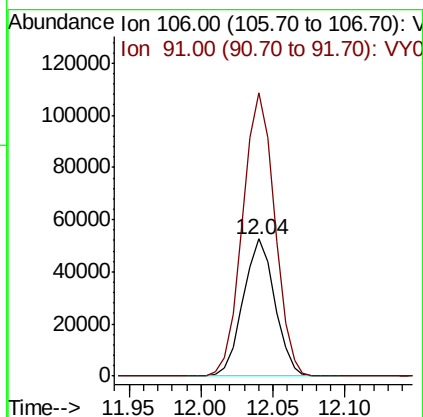
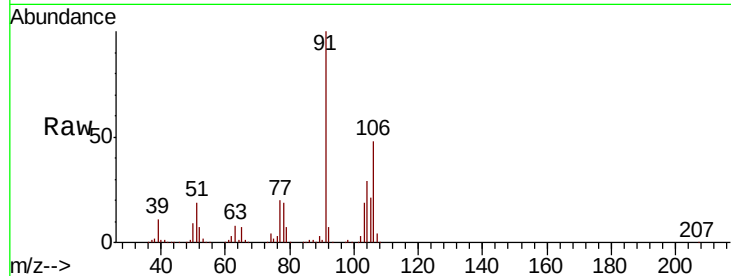




#69
o-Xylene
Concen: 19.664 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

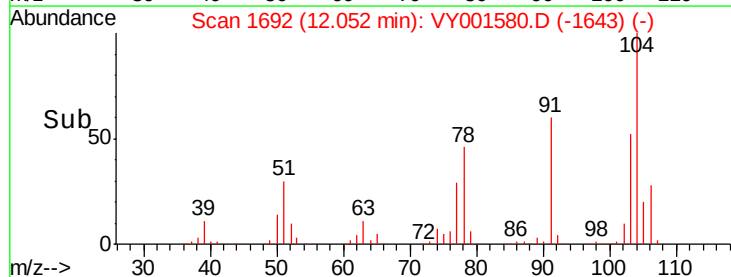
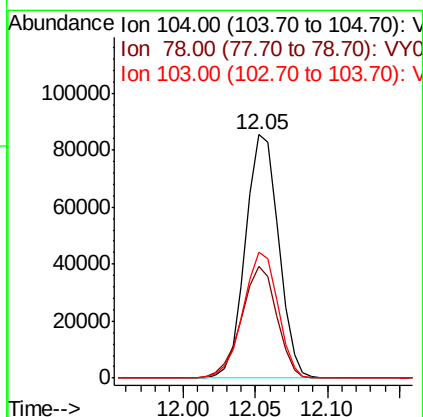
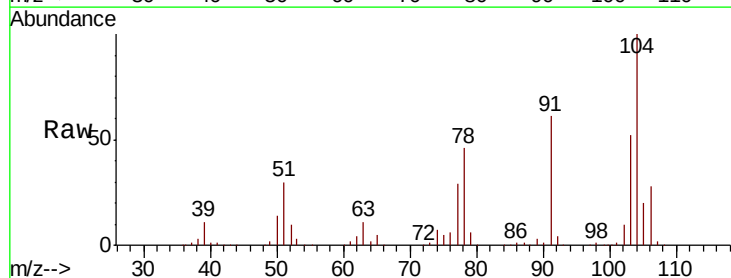
Instrument :
MSVOA_Y
ClientSampled :

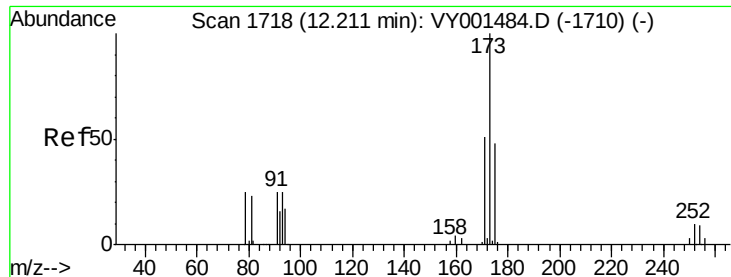
Tot Ion:106 Resp: 79886
Ion Ratio Lower Upper
106 100
91 209.7 106.0 318.0



#70
Styrene
Concen: 19.352 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Tgt Ion:104 Resp: 135956
Ion Ratio Lower Upper
104 100
78 49.2 40.4 60.6
103 54.5 42.8 64.2





#71

Bromoform

Concen: 18.801 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

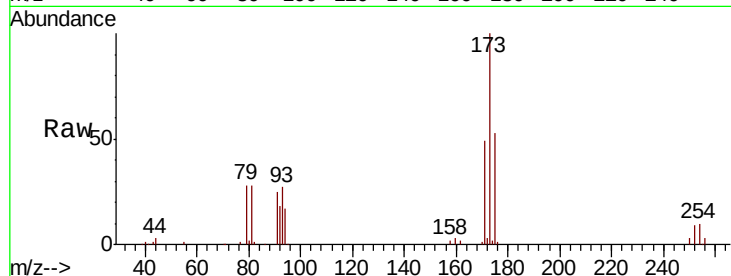
Tot Ion:173 Resp: 22745

Ion Ratio Lower Upper

173 100

175 48.3 24.0 72.0

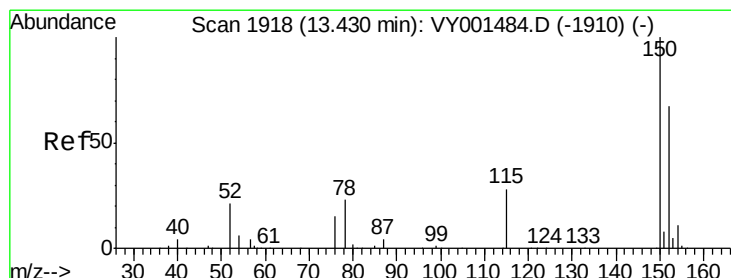
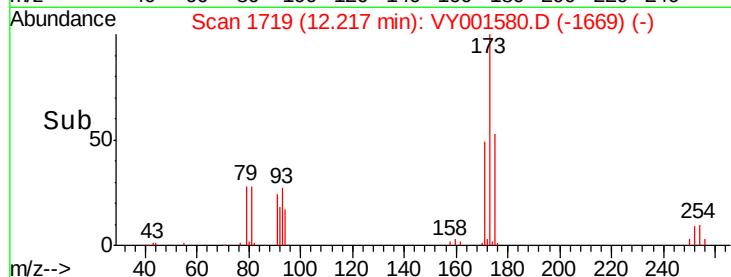
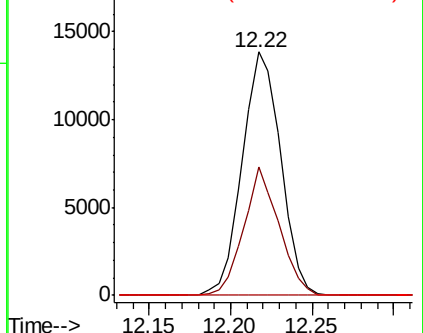
254 0.1 0.1 0.1



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: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

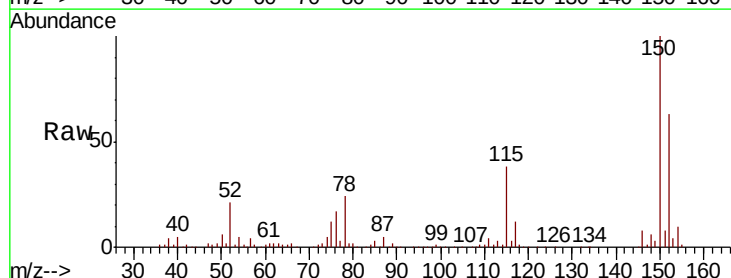
Tgt Ion:152 Resp: 152266

Ion Ratio Lower Upper

152 100

115 60.4 31.4 94.3

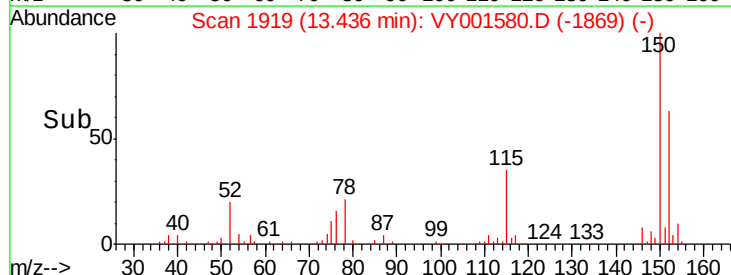
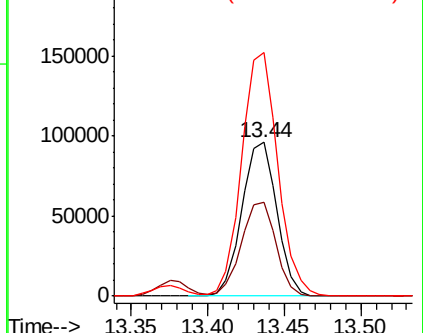
150 164.1 0.0 346.8

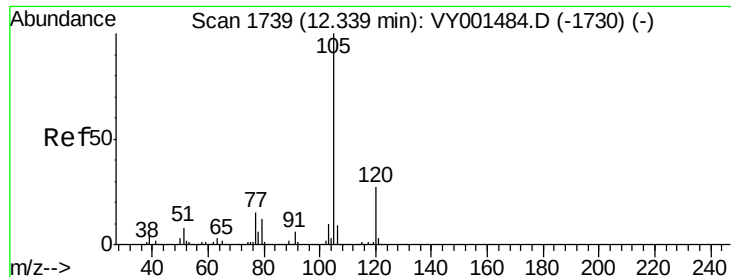


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.323 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

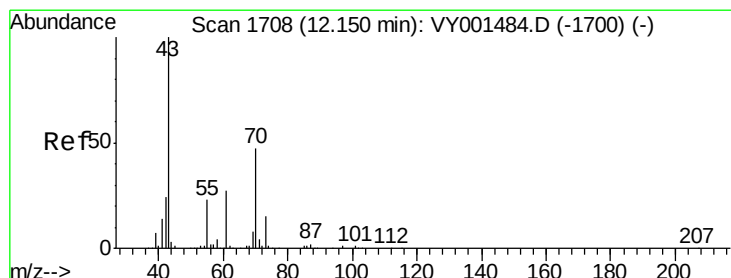
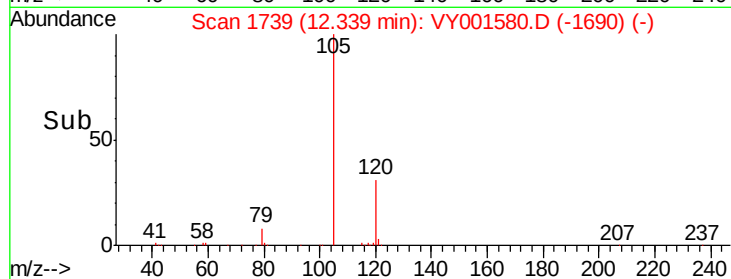
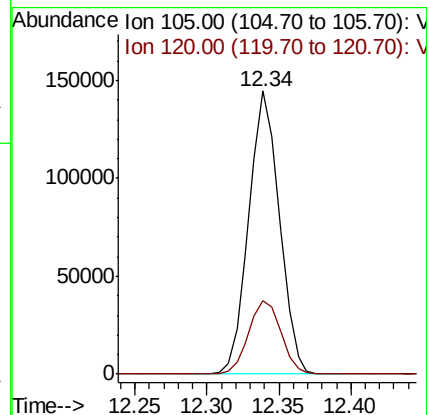
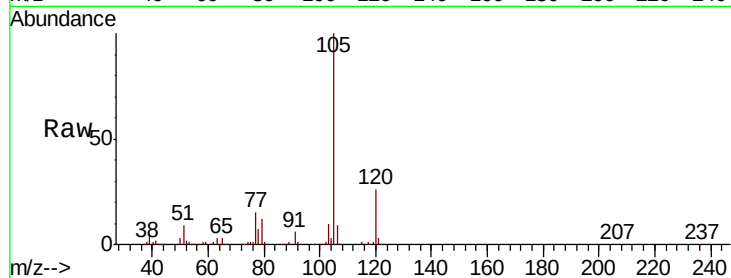
ClientSampleId :

Tot Ion:105 Resp: 212781

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 21.497 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Tgt Ion: 43 Resp: 64871

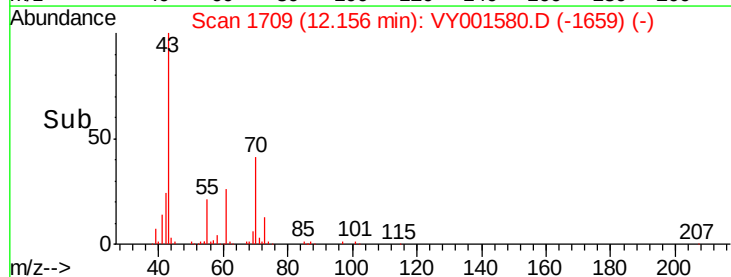
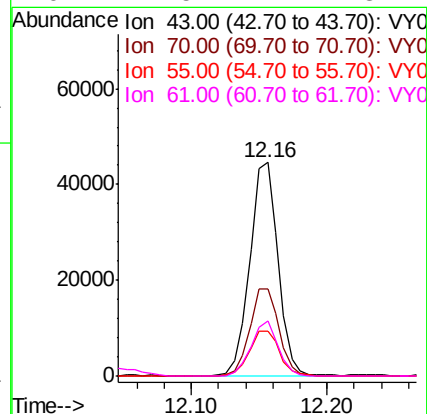
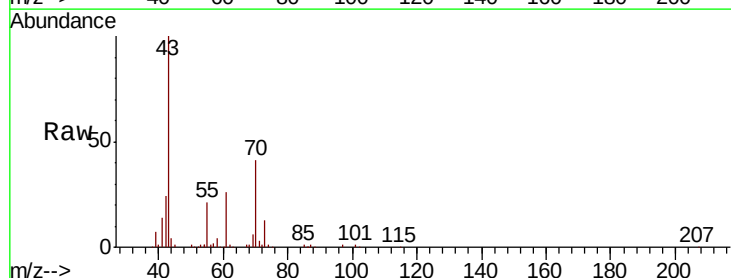
Ion Ratio Lower Upper

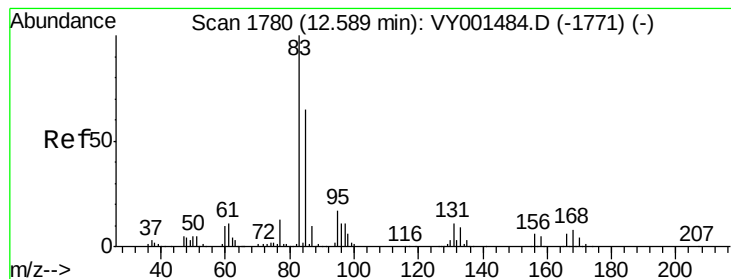
43 100

70 42.1 37.2 55.8

55 22.4 18.8 28.2

61 24.5 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.804 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

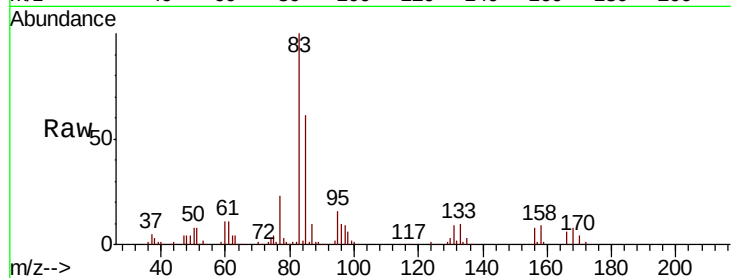
Tot Ion: 83 Resp: 43696

Ion Ratio Lower Upper

83 100

131 9.2 5.4 16.2

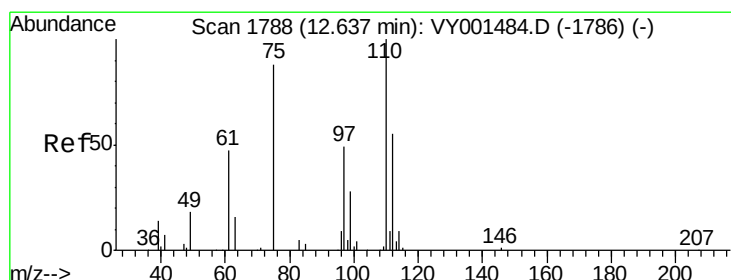
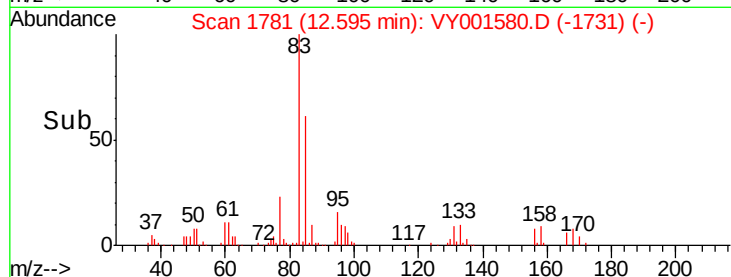
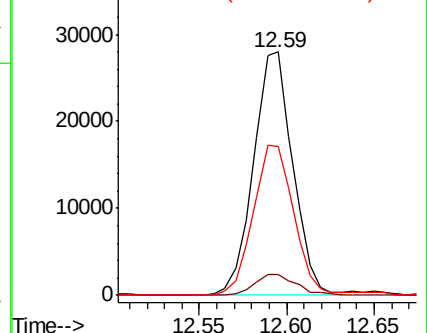
85 63.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY001580.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY001580.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY001580.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 35.373 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001580.D

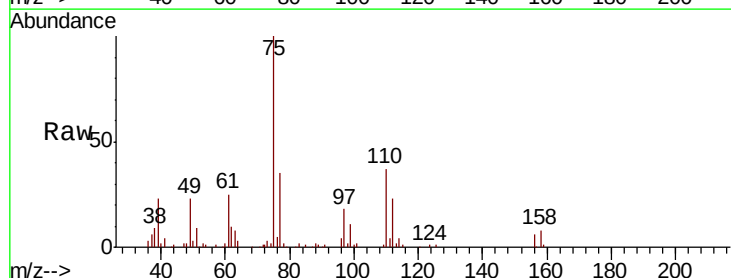
Acq: 10 Feb 2020 13:07

Tgt Ion: 75 Resp: 57923

Ion Ratio Lower Upper

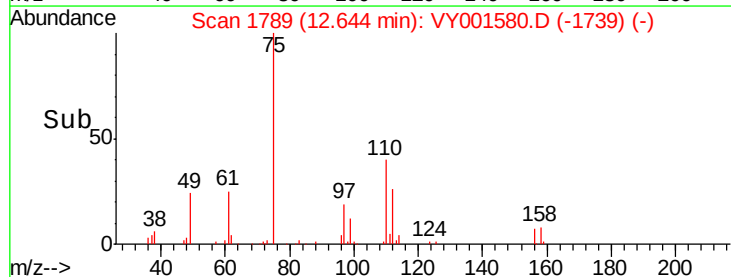
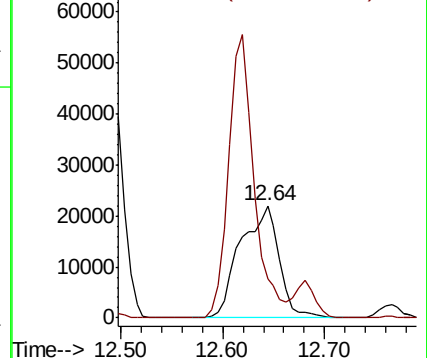
75 100

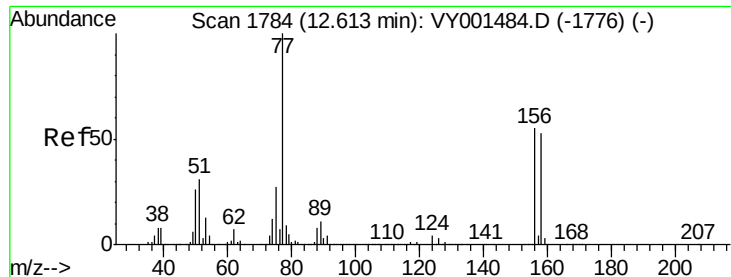
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001580.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY001580.D (-1786) (-)





#77

Bromobenzene

Concen: 18.746 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

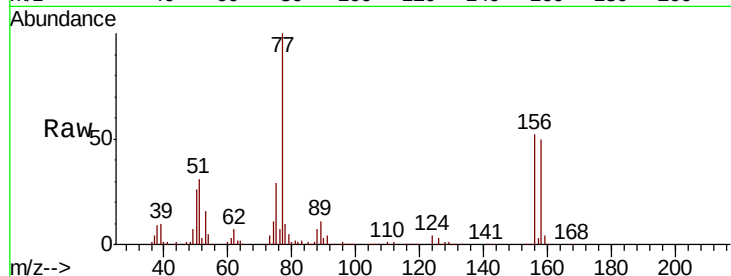
Tot Ion:156 Resp: 47113

Ion Ratio Lower Upper

156 100

77 204.2 99.8 299.3

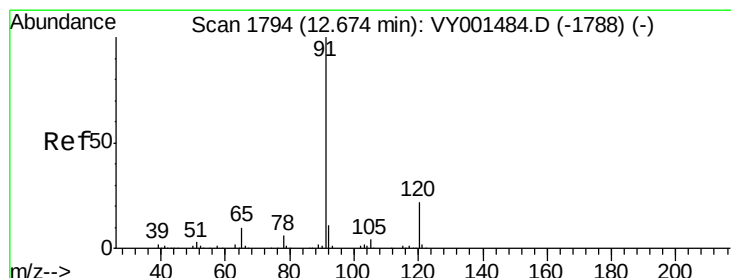
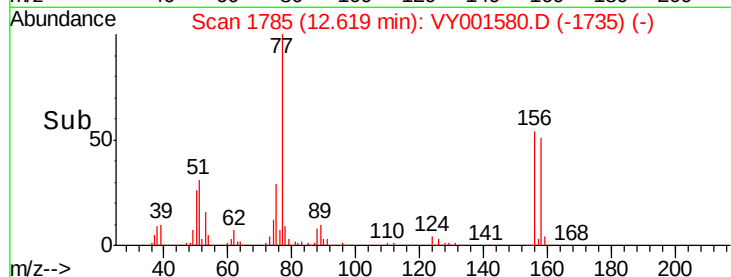
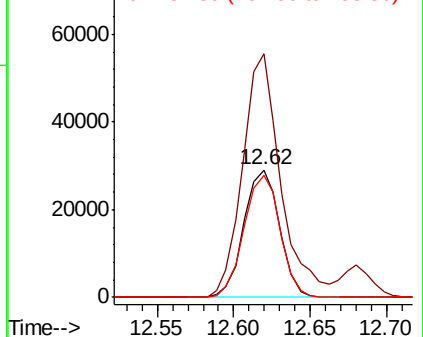
158 96.8 47.5 142.6



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: 19.005 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001580.D

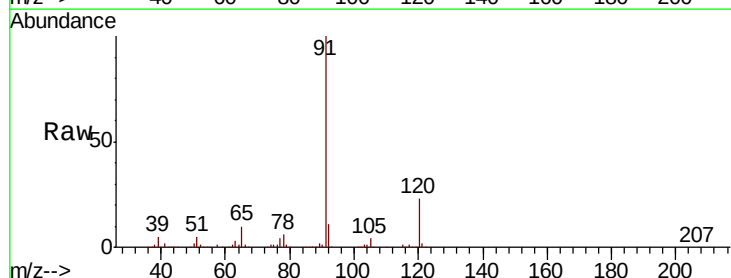
Acq: 10 Feb 2020 13:07

Tgt Ion: 91 Resp: 264228

Ion Ratio Lower Upper

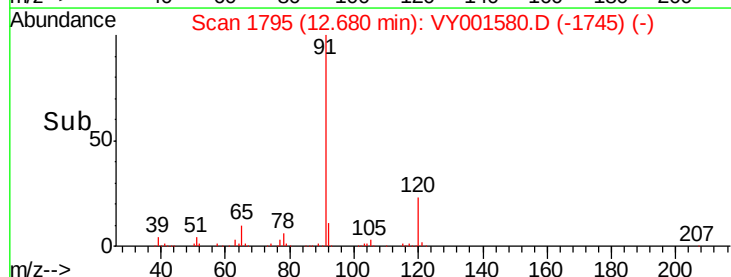
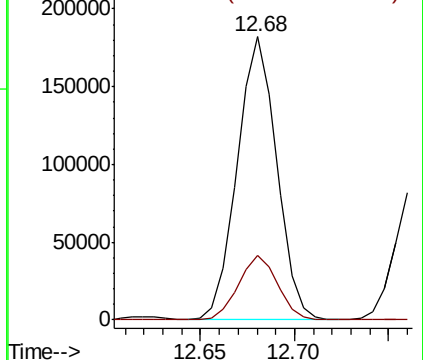
91 100

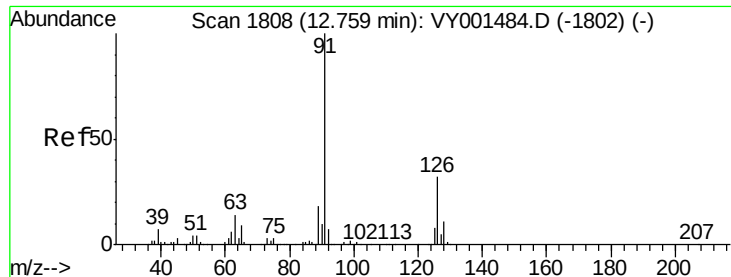
120 22.4 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

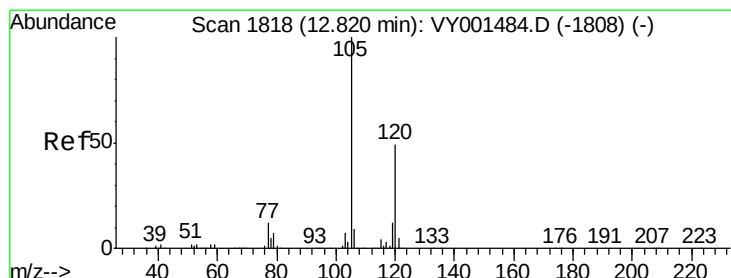
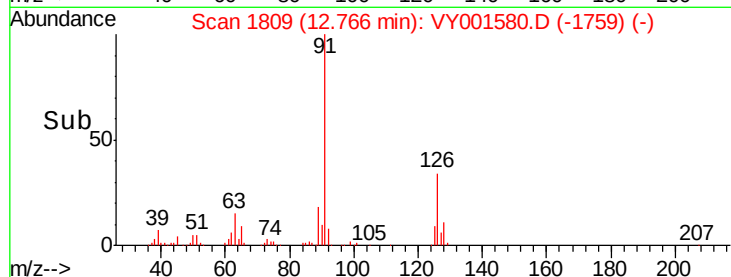
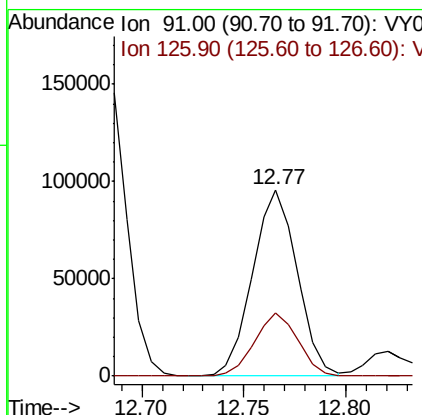
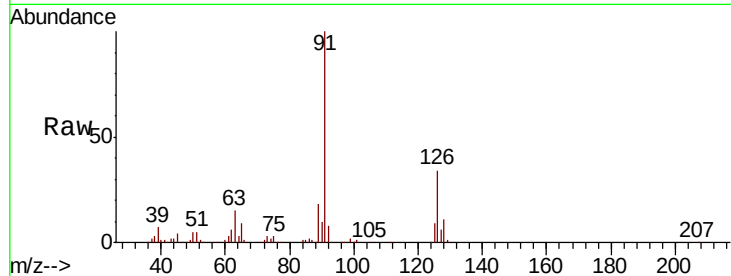




#79
 2-Chlorotoluene
 Concen: 18.383 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

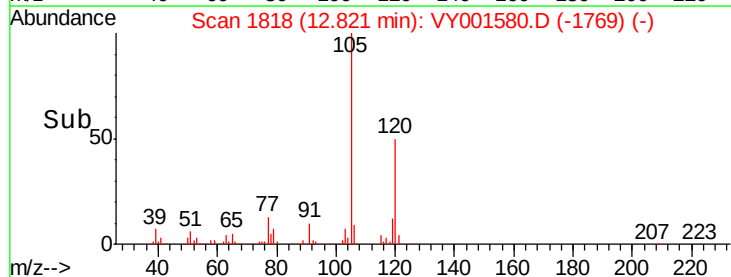
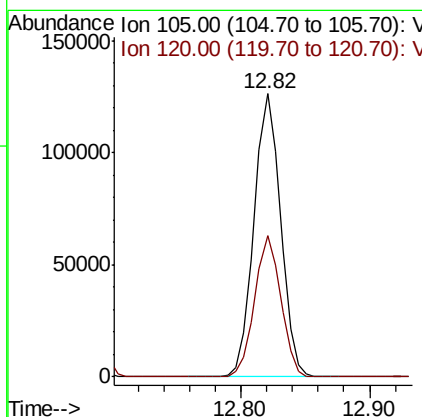
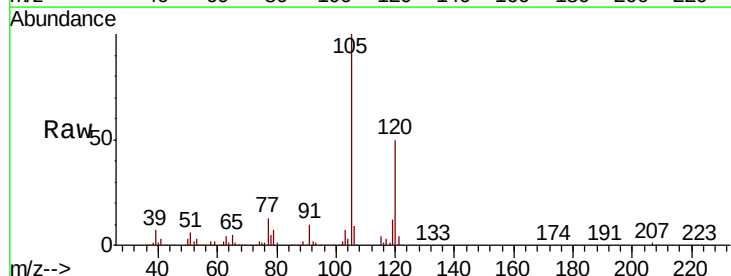
Instrument :
 MSVOA_Y
 ClientSampleId :

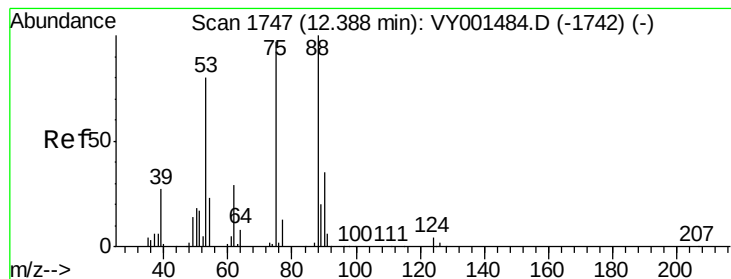
Tot Ion: 91 Resp: 145677
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 18.380 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

Tgt Ion: 105 Resp: 179762
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.985 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

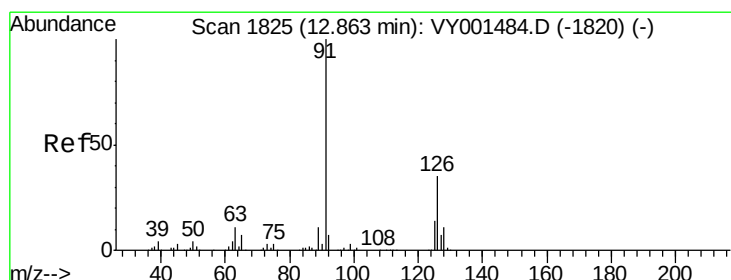
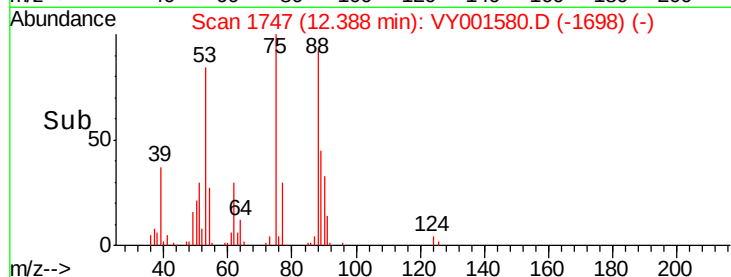
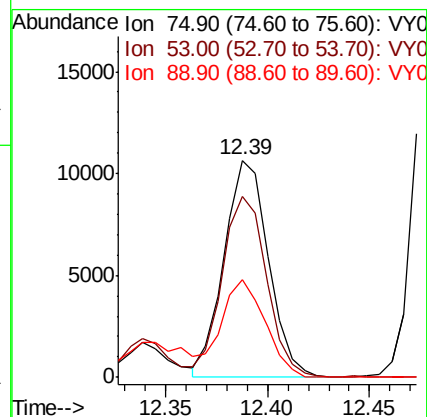
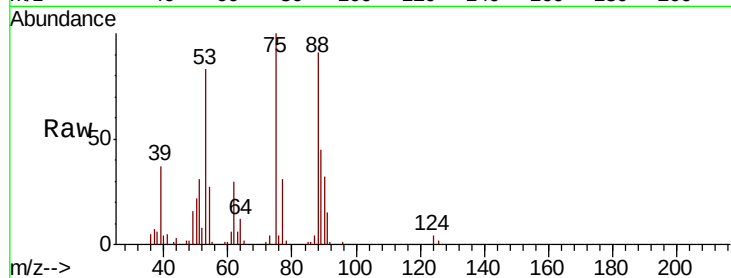
Tot Ion: 75 Resp: 16066

Ion Ratio Lower Upper

75 100

53 83.5 67.7 101.5

89 45.2 34.6 52.0



#82

4-Chlorotoluene

Concen: 18.645 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001580.D

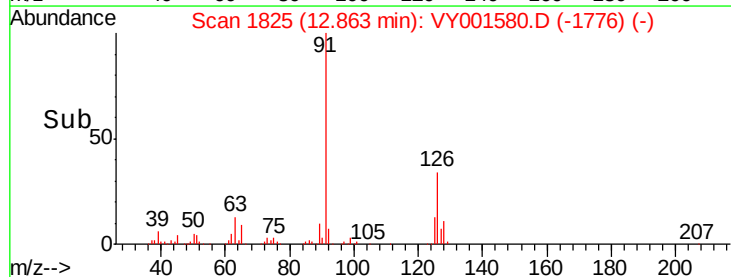
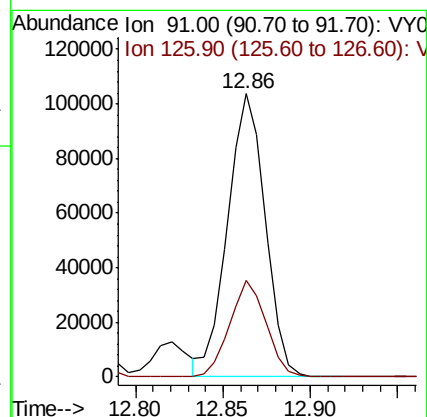
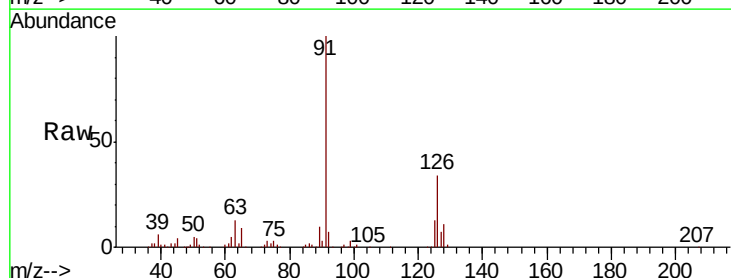
Acq: 10 Feb 2020 13:07

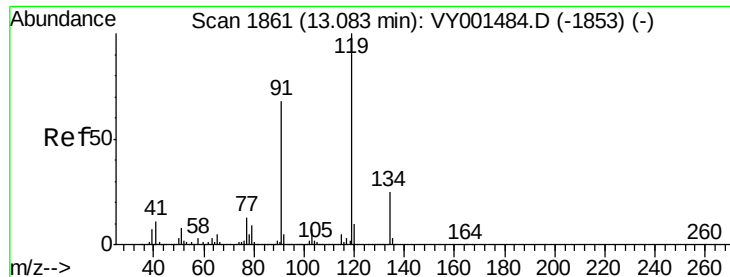
Tgt Ion: 91 Resp: 154918

Ion Ratio Lower Upper

91 100

126 33.0 16.5 49.5

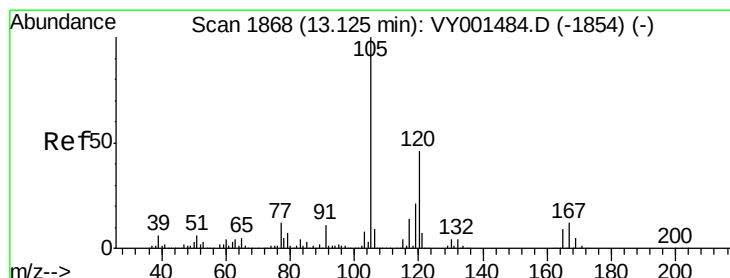
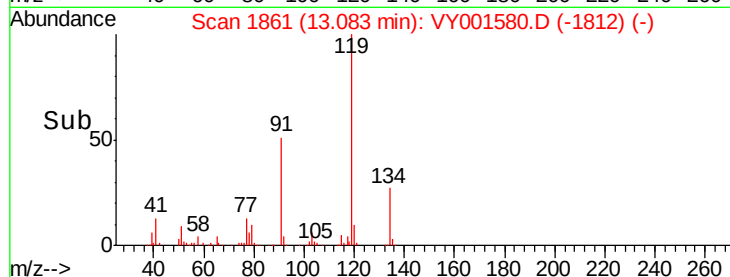
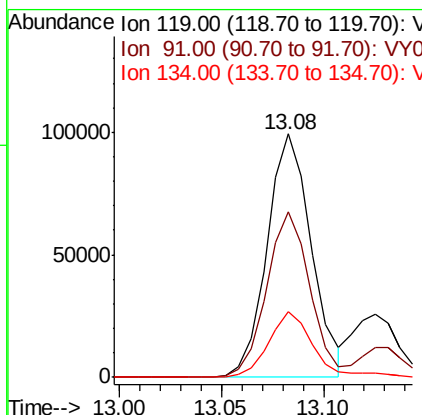
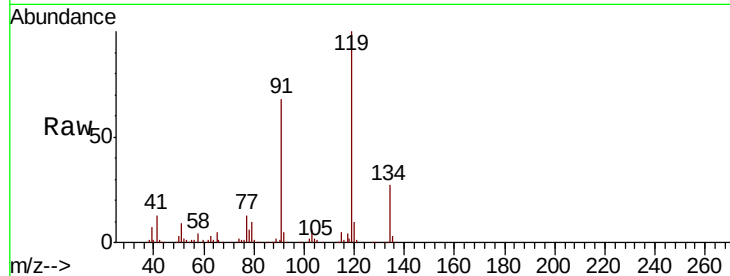




#83
 tert-Butylbenzene
 Concen: 18.168 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

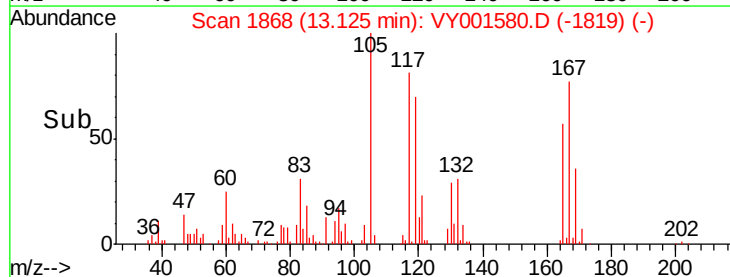
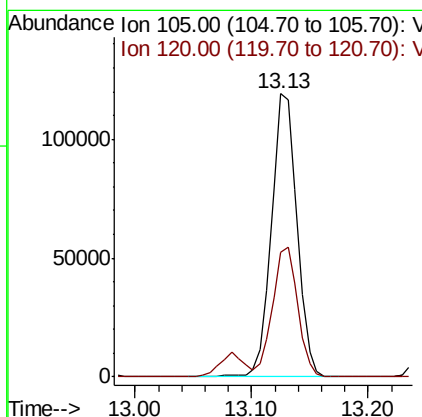
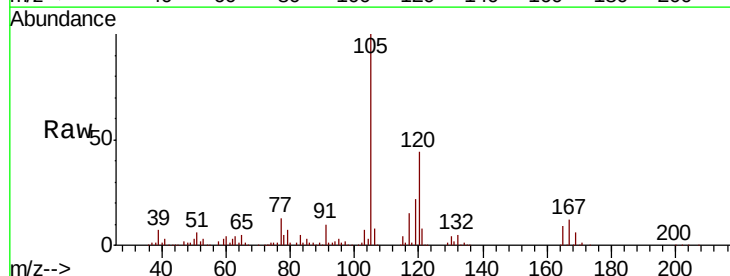
Instrument :
 MSVOA_Y
 ClientSampled :

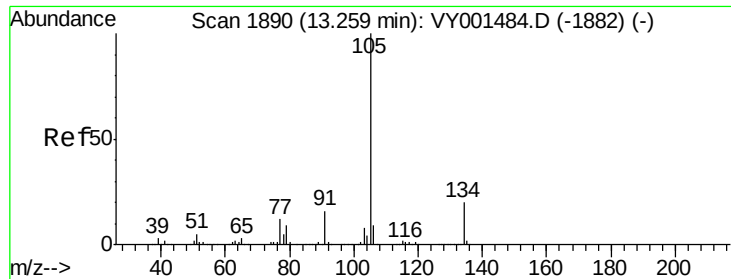
Tot Ion:119 Resp: 150196
 Ion Ratio Lower Upper
 119 100
 91 66.4 33.1 99.3
 134 27.2 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.724 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

Tgt Ion:105 Resp: 181244
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.0





#85

sec-Butylbenzene

Concen: 18.970 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

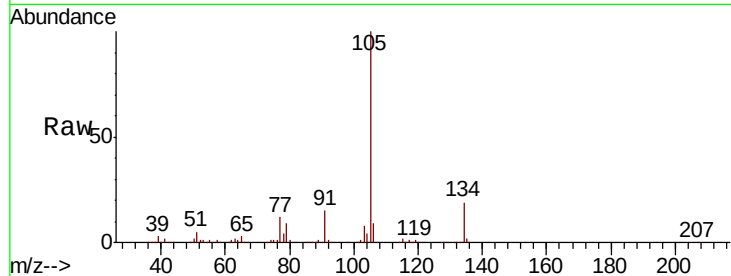
ClientSampleId :

Tot Ion:105 Resp: 220493

Ion Ratio Lower Upper

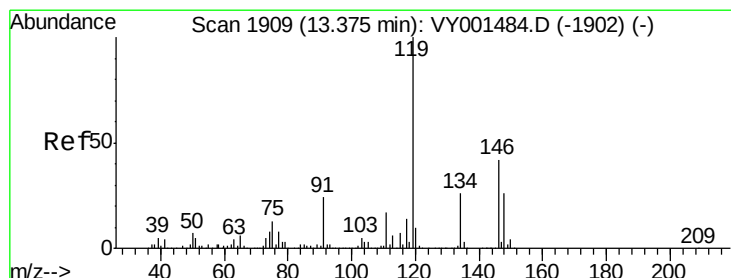
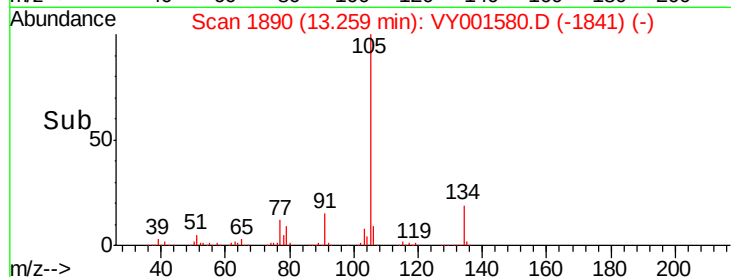
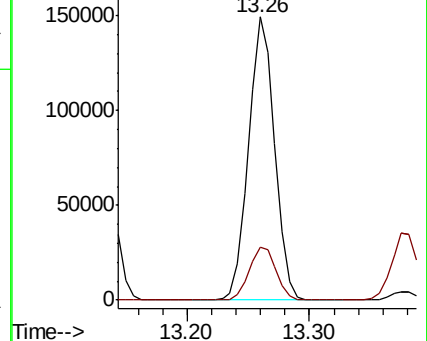
105 100

134 19.4 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.956 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

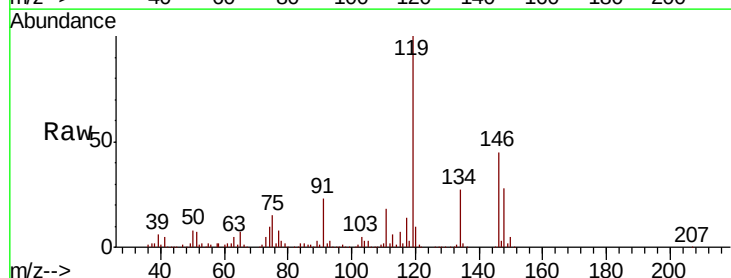
Tgt Ion:119 Resp: 194159

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

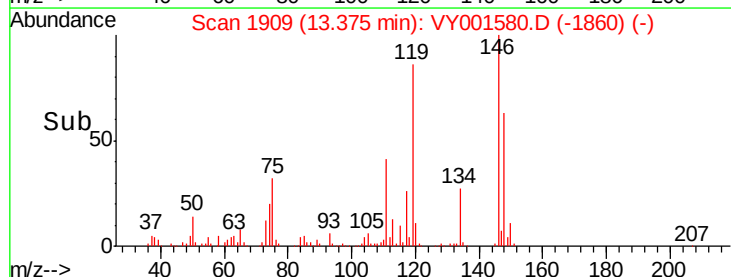
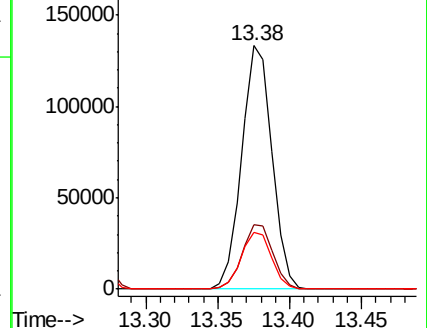
91 23.7 12.2 36.6

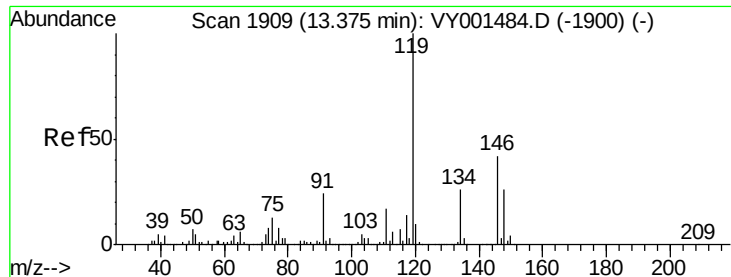


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

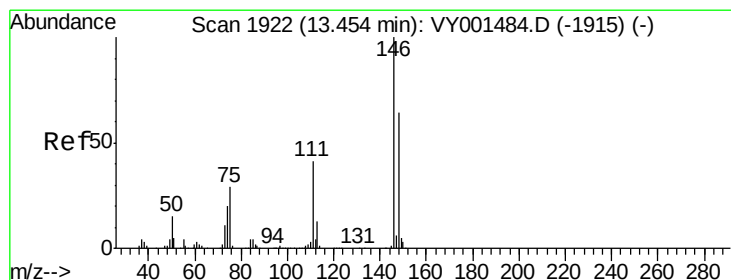
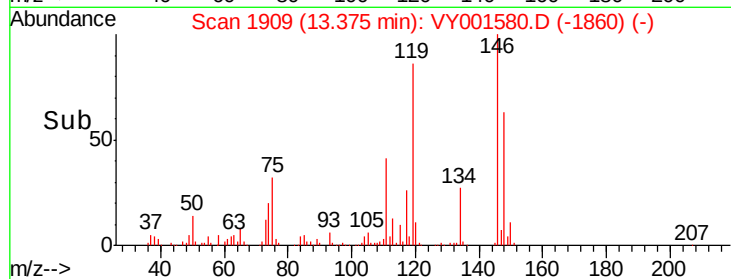
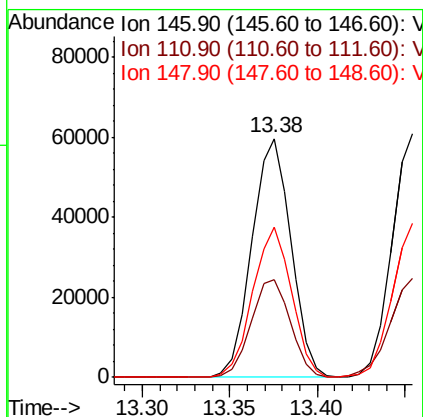
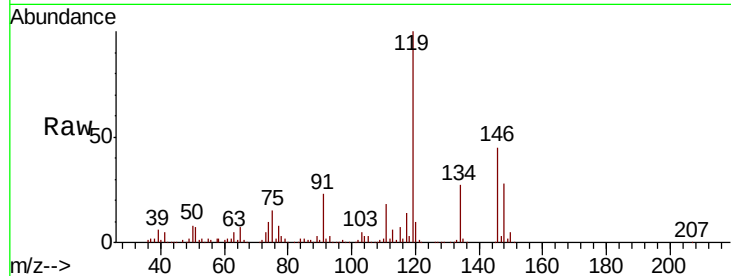




#87
 1,3-Dichlorobenzene
 Concen: 19.264 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

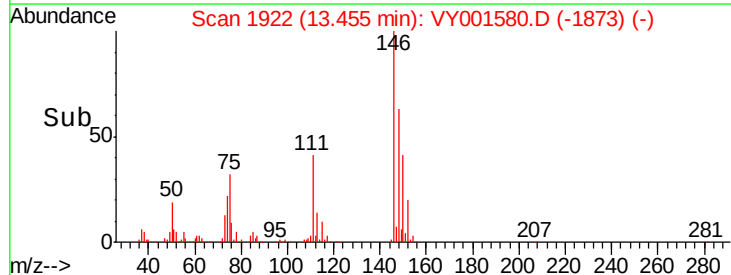
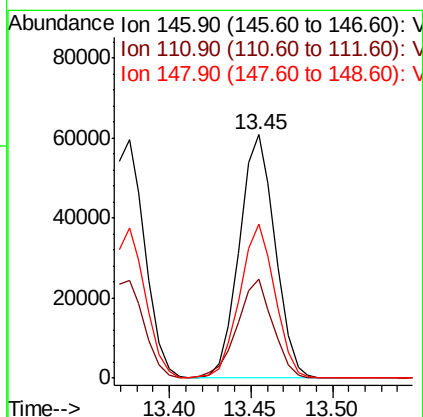
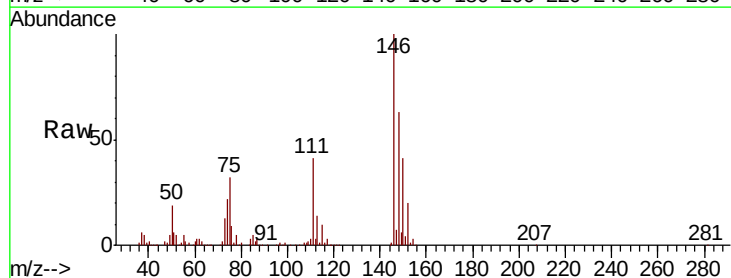
Instrument :
 MSVOA_Y
 ClientSampleId :

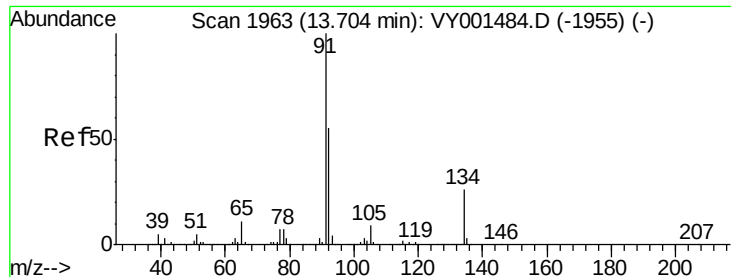
Tot Ion:146 Resp: 92782
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.3 63.9
 148 62.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.258 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

Tgt Ion:146 Resp: 92923
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.7 62.1
 148 62.3 32.1 96.5





#89

n-Butylbenzene

Concen: 19.367 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001580.D

Acq: 10 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

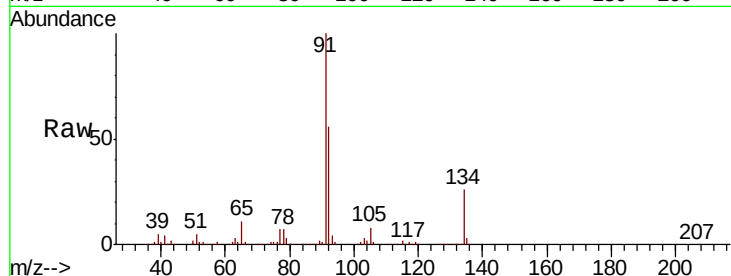
Tot Ion: 91 Resp: 195723

Ion Ratio Lower Upper

91 100

92 54.8 27.3 81.9

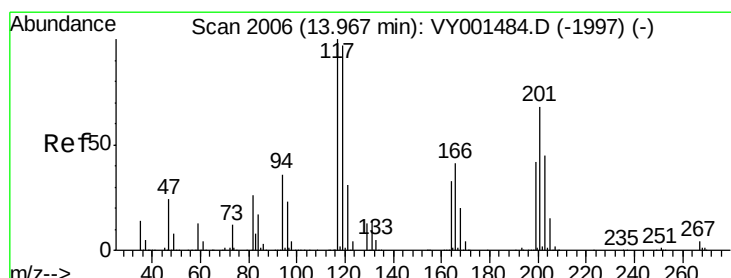
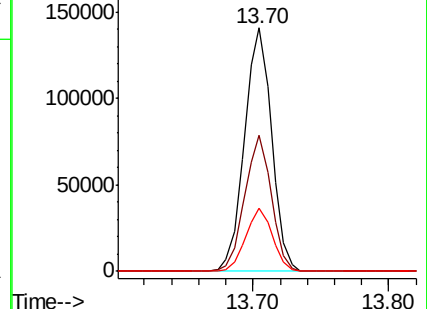
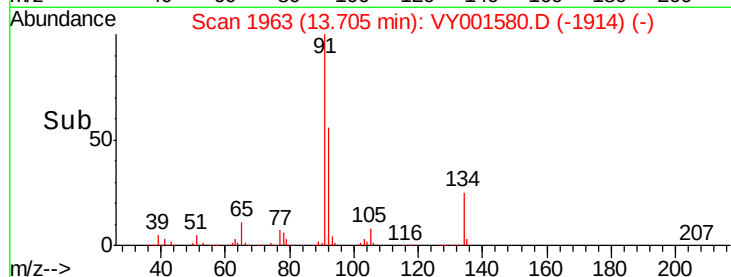
134 25.5 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VY001580.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY001580.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY001580.D (-1914) (-)



#90

Hexachloroethane

Concen: 18.087 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY001580.D

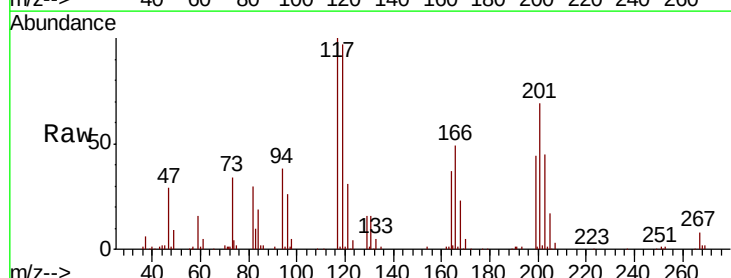
Acq: 10 Feb 2020 13:07

Tgt Ion: 117 Resp: 35557

Ion Ratio Lower Upper

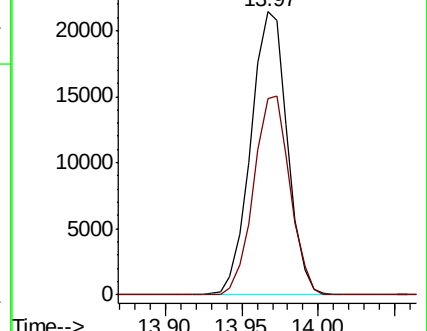
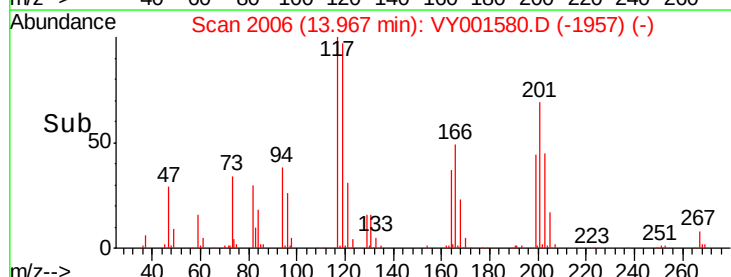
117 100

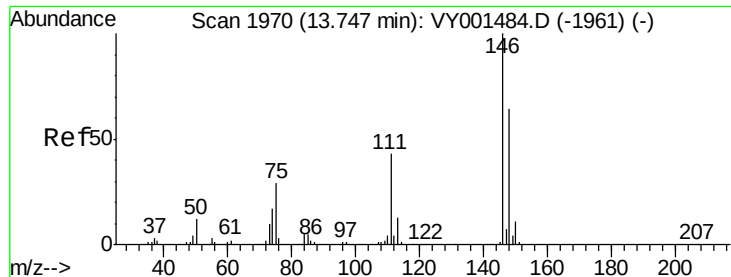
201 69.9 34.1 102.3



Abundance Ion 116.80 (116.50 to 117.50): VY001580.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY001580.D (-1957) (-)

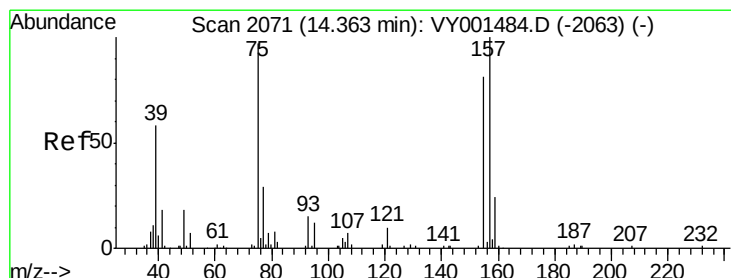
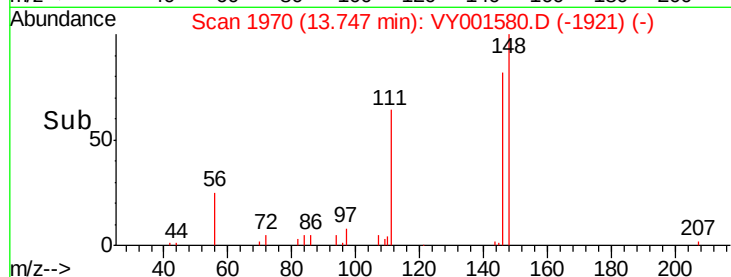
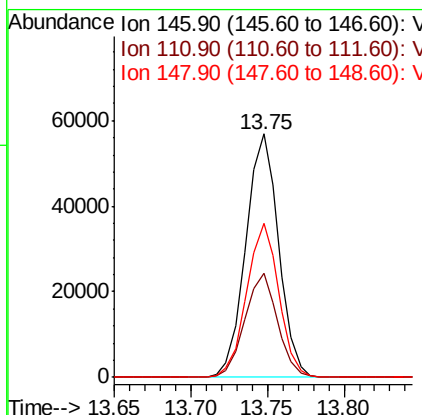
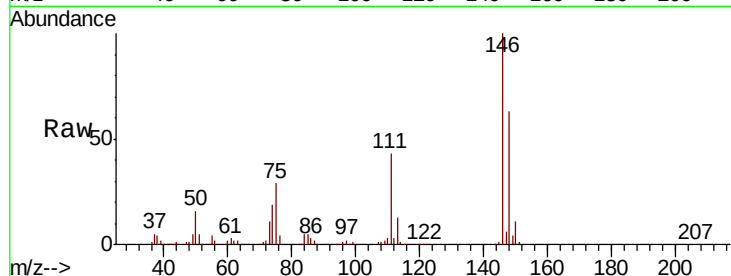




#91
 1,2-Dichlorobenzene
 Concen: 19.430 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

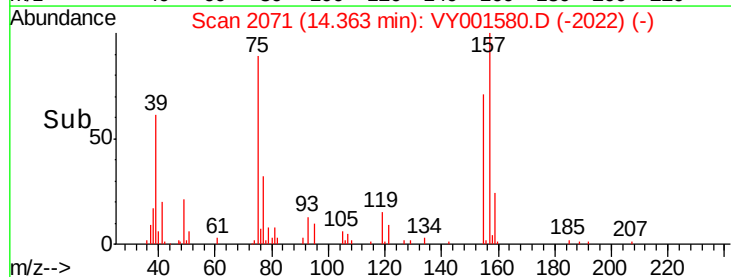
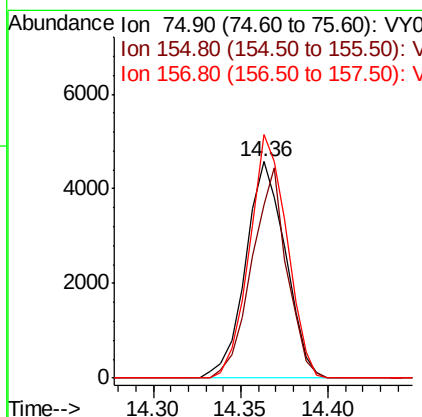
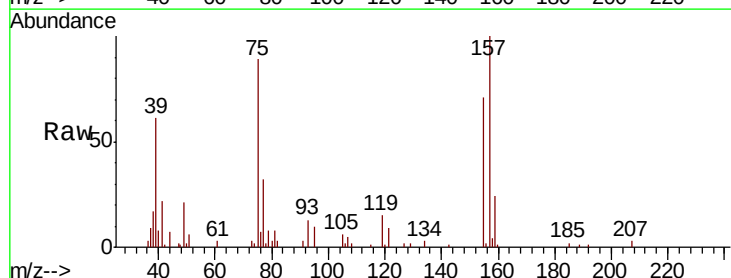
Instrument :
 MSVOA_Y
 ClientSampleId :

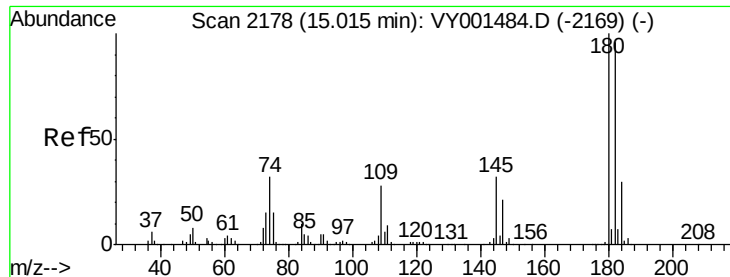
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.9	65.8
148	62.0	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.839 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY001580.D
 Acq: 10 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	40.7	122.1
157	105.4	52.3	157.1

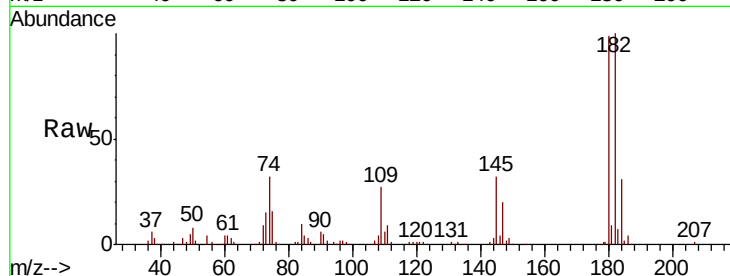




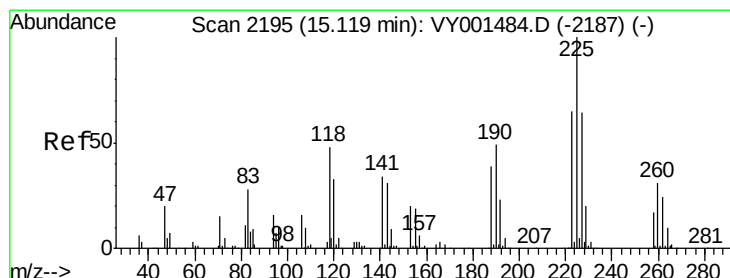
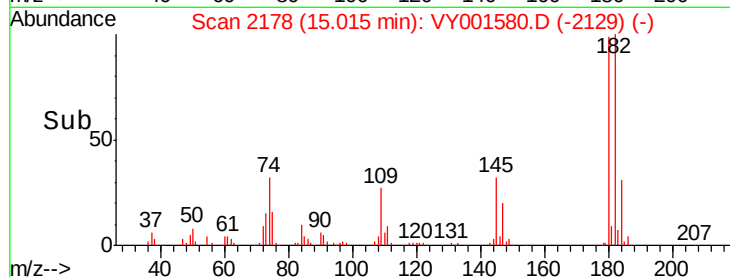
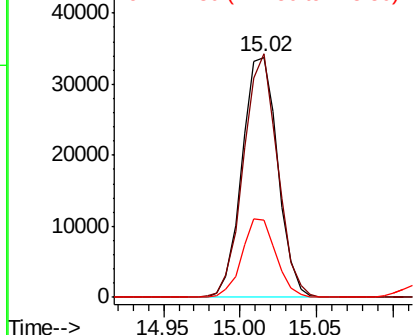
#93
1,2,4-Trichlorobenzene
Concen: 18.614 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	46.9	140.7
145	31.1	16.8	50.3

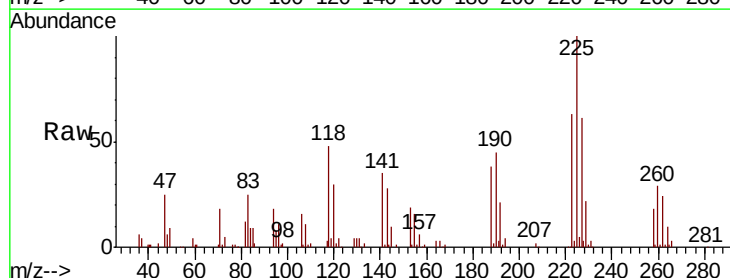


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

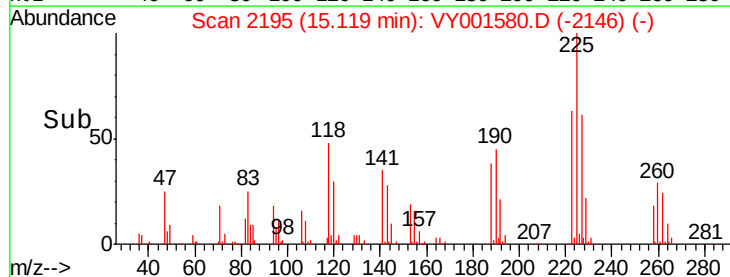
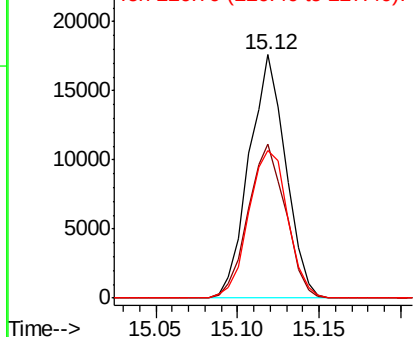


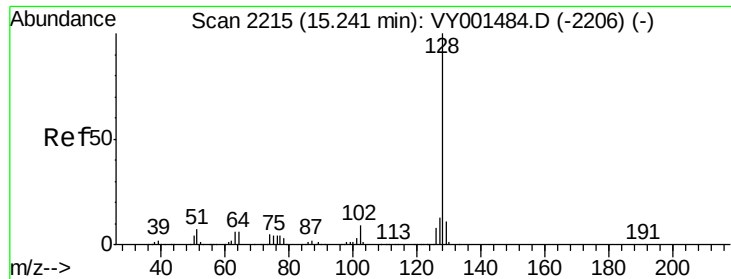
#94
Hexachlorobutadiene
Concen: 18.411 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.9	95.7
227	64.4	32.6	97.7



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

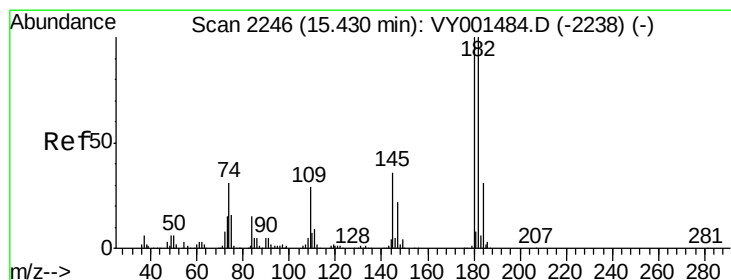
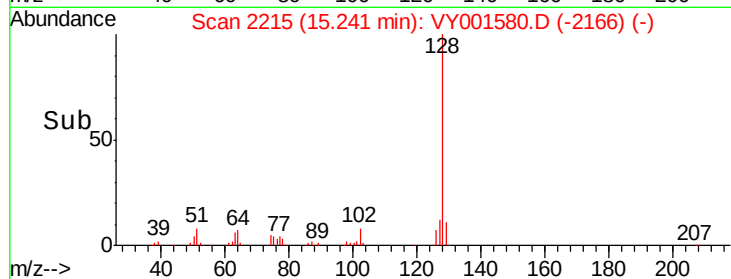
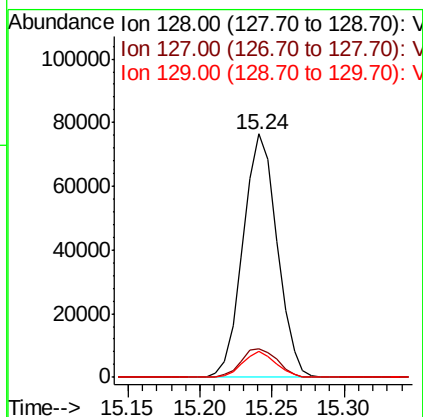
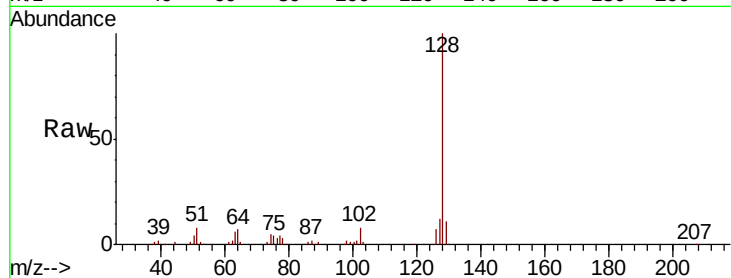




#95
Naphthalene
Concen: 18.136 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.4	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.465 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001580.D
Acq: 10 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.0	144.2
145	34.8	17.8	53.5

