

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002089.D
 Acq On : 26 Mar 2020 16:31
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 27 04:10:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 04:05:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	162846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	299316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	270722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123192	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	89485	50.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.80%	
35) Dibromofluoromethane	7.74	113	82820	50.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.76%	
50) Toluene-d8	10.19	98	351992	50.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.48	95	123815	51.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	49337	34.602	ug/l	100
3) Chloromethane	2.12	50	85284	43.077	ug/l	100
4) Vinyl Chloride	2.26	62	90953	45.170	ug/l	100
5) Bromomethane	2.66	94	61513	45.604	ug/l	100
6) Chloroethane	2.80	64	61436	47.966	ug/l	100
7) Trichlorofluoromethane	3.14	101	126985	46.079	ug/l	100
8) Diethyl Ether	3.54	74	53777	49.099	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	83935	47.131	ug/l	100
10) Methyl Iodide	4.11	142	107331	52.189	ug/l	100
11) Tert butyl alcohol	4.98	59	45866	216.782	ug/l	100
12) 1,1-Dichloroethene	3.89	96	86694	48.364	ug/l	100
13) Acrolein	3.74	56	71530	281.133	ug/l	100
14) Allyl chloride	4.50	41	164310	51.200	ug/l	100
15) Acrylonitrile	5.19	53	146082	249.420	ug/l	100
16) Acetone	3.96	43	124460	247.542	ug/l	100
17) Carbon Disulfide	4.21	76	288711	47.980	ug/l	100
18) Methyl Acetate	4.50	43	63182	48.929	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	245388	50.207	ug/l	100
20) Methylene Chloride	4.74	84	101497	46.926	ug/l	100
21) trans-1,2-Dichloroethene	5.24	96	100744	49.295	ug/l	100
22) Diisopropyl ether	6.14	45	336630	51.115	ug/l	100
23) Vinyl Acetate	6.08	43	1104465	256.503	ug/l	100
24) 1,1-Dichloroethane	6.04	63	178232	50.144	ug/l	100
25) 2-Butanone	7.01	43	191268	250.041	ug/l	100
26) 2,2-Dichloropropane	7.00	77	146227	50.013	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	111677	50.181	ug/l	100
28) Bromochloromethane	7.35	49	87243	53.775	ug/l	100
29) Tetrahydrofuran	7.36	42	126371	248.198	ug/l	100
30) Chloroform	7.53	83	167922	50.310	ug/l	100
31) Cyclohexane	7.80	56	179208	47.157	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	141499	50.370	ug/l	100
36) 1,1-Dichloropropene	7.94	75	141020	49.380	ug/l	100
37) Ethyl Acetate	7.10	43	81961	49.517	ug/l	100
38) Carbon Tetrachloride	7.92	117	121464	49.650	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	185777	48.963	ug/l	100
40) Benzene	8.17	78	420019	49.544	ug/l	100
41) Methacrylonitrile	7.36	41	112809	146.290	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	110238	50.400	ug/l	100
43) Isopropyl Acetate	8.29	43	157489	50.062	ug/l	100
44) Trichloroethene	8.96	130	102111	49.399	ug/l	100
45) 1,2-Dichloropropane	9.23	63	107868	50.505	ug/l	100
46) Dibromomethane	9.32	93	54904	49.886	ug/l	100
47) Bromodichloromethane	9.51	83	130747	51.012	ug/l	100
48) Methyl methacrylate	9.30	41	69893	50.440	ug/l	100
49) 1,4-Dioxane	9.31	88	15041	1001.360	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	404826	249.972	ug/l	100
52) Toluene	10.25	92	254102	49.369	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	144785	51.898	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	170198	51.247	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	82124	50.891	ug/l	100
56) Ethyl methacrylate	10.52	69	118923	50.660	ug/l	100
57) 1,3-Dichloropropane	10.80	76	143771	50.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	299272	299.005	ug/l	100
59) 2-Hexanone	10.84	43	287585	249.430	ug/l	100
60) Dibromochloromethane	10.99	129	86163	50.908	ug/l	100
61) 1,2-Dibromoethane	11.09	107	75714	49.660	ug/l	100
64) Tetrachloroethene	10.73	164	82635	48.874	ug/l	100
65) Chlorobenzene	11.52	112	262108	49.091	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	87893	50.118	ug/l	100
67) Ethyl Benzene	11.60	91	494034	49.533	ug/l	100
68) m/p-Xylenes	11.71	106	364693	99.074	ug/l	100
69) o-Xylene	12.03	106	172043	49.541	ug/l	100
70) Styrene	12.05	104	303629	51.011	ug/l	100
71) Bromoform	12.22	173	49404	52.035	ug/l #	100
73) Isopropylbenzene	12.34	105	467373	49.847	ug/l	100
74) N-amyl acetate	12.15	43	145076	50.380	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	99330	49.269	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	129649	87.800	ug/l #	100
77) Bromobenzene	12.61	156	100107	50.195	ug/l	100
78) n-propylbenzene	12.68	91	578943	49.992	ug/l	100
79) 2-Chlorotoluene	12.77	91	319297	49.923	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	388720	50.234	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	36515	50.726	ug/l	100
82) 4-Chlorotoluene	12.86	91	334808	50.207	ug/l	100
83) tert-Butylbenzene	13.08	119	327104	50.743	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	385704	50.279	ug/l	100
85) sec-Butylbenzene	13.26	105	479071	50.549	ug/l	100
86) p-Isopropyltoluene	13.38	119	415430	50.789	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	193072	49.541	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	195422	49.466	ug/l	100
89) n-Butylbenzene	13.70	91	428090	50.423	ug/l	100
90) Hexachloroethane	13.97	117	78359	50.794	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	179423	50.484	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15117	47.962	ug/l	100

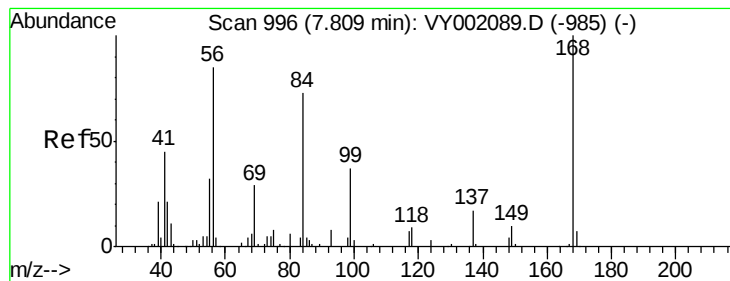
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	113453	49.462	ug/l	100
94) Hexachlorobutadiene	15.12	225	55798	49.595	ug/l	100
95) Naphthalene	15.25	128	269171	49.467	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	101753	50.128	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

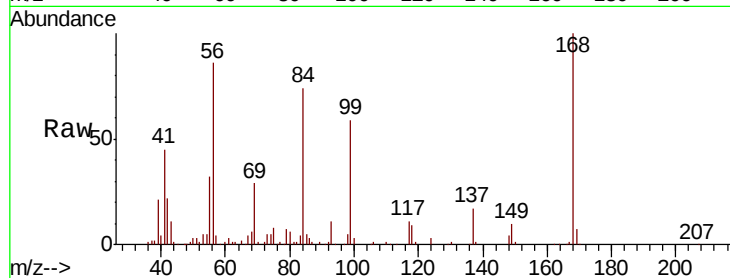
ClientSampleId :

Tot Ion:168 Resp: 162846

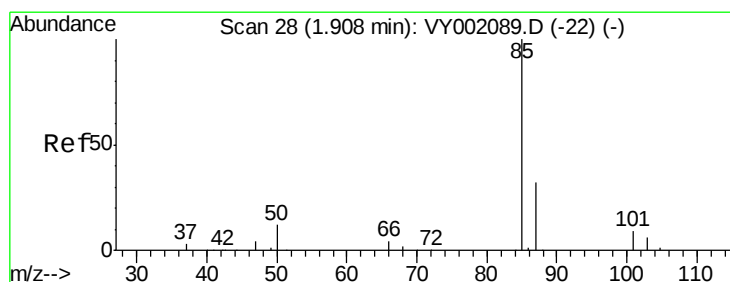
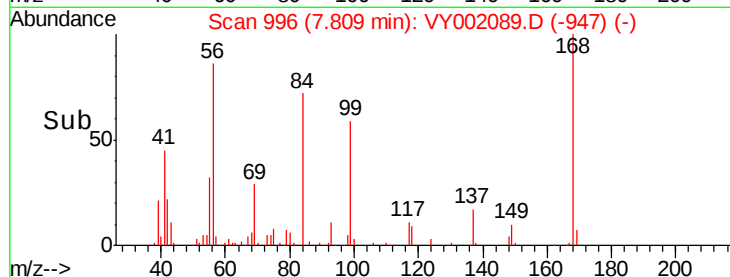
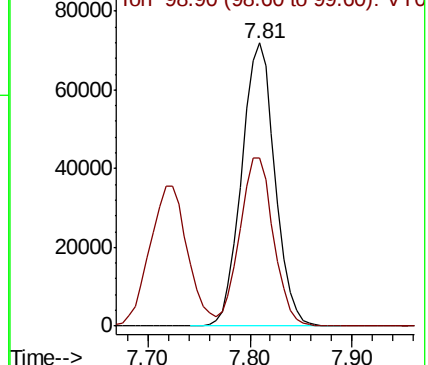
Ion Ratio Lower Upper

168 100

99 59.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 34.602 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002089.D

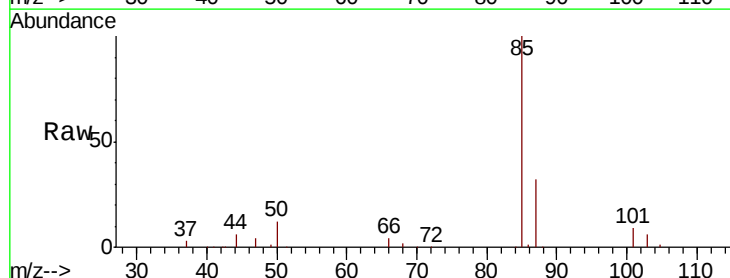
Acq: 26 Mar 2020 16:31

Tgt Ion: 85 Resp: 49337

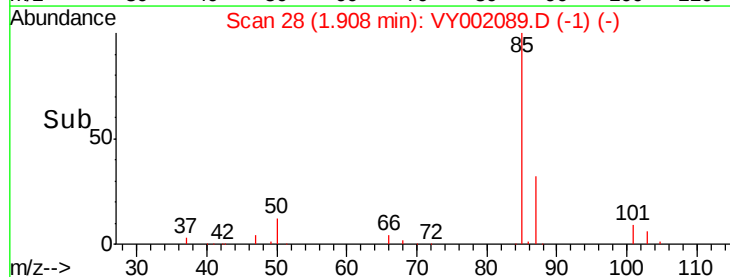
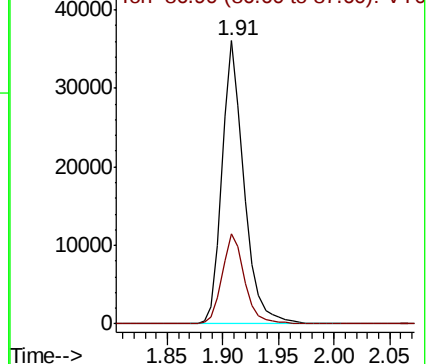
Ion Ratio Lower Upper

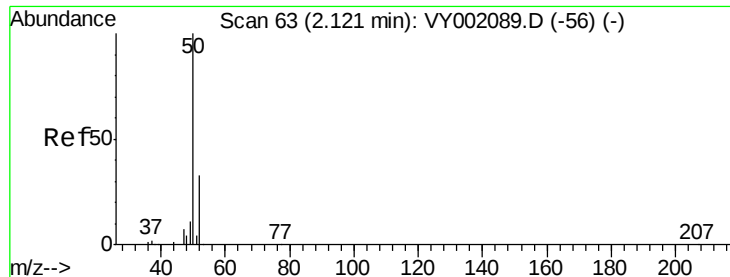
85 100

87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)





#3

Chloromethane

Concen: 43.077 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

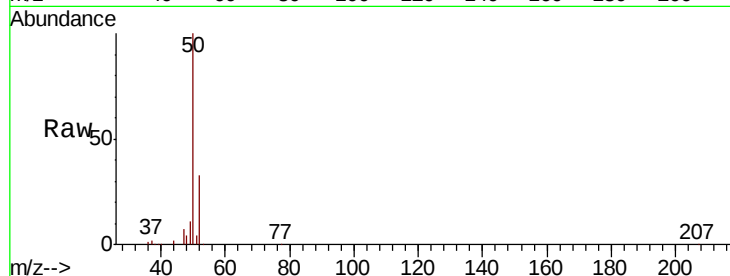
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 85284

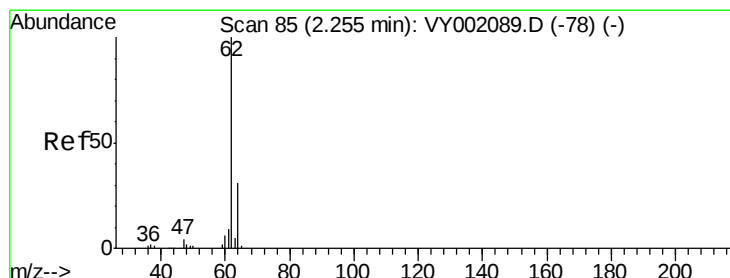
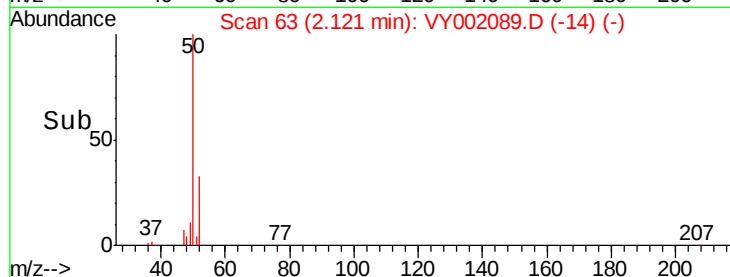
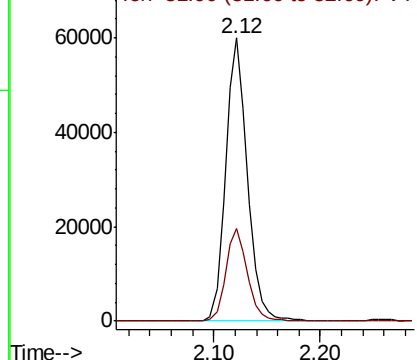
Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



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



#4

Vinyl Chloride

Concen: 45.170 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002089.D

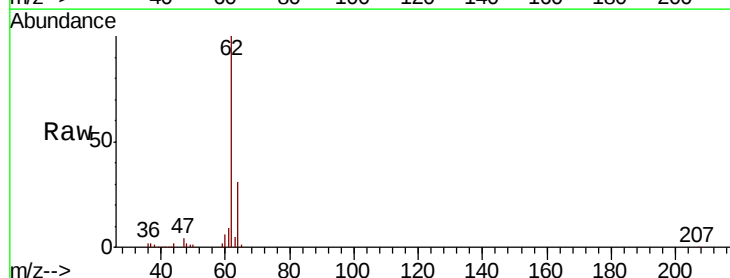
Acq: 26 Mar 2020 16:31

Tgt Ion: 62 Resp: 90953

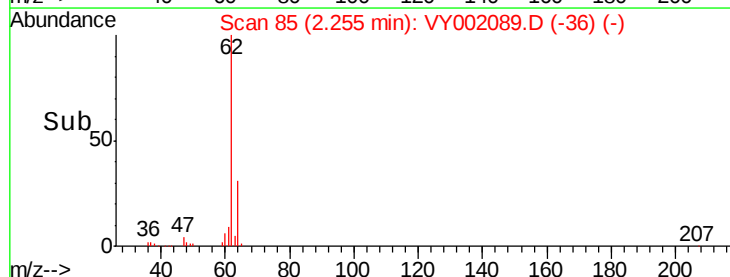
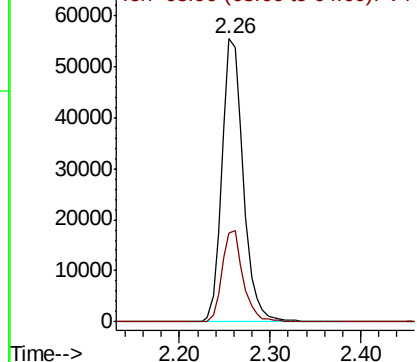
Ion Ratio Lower Upper

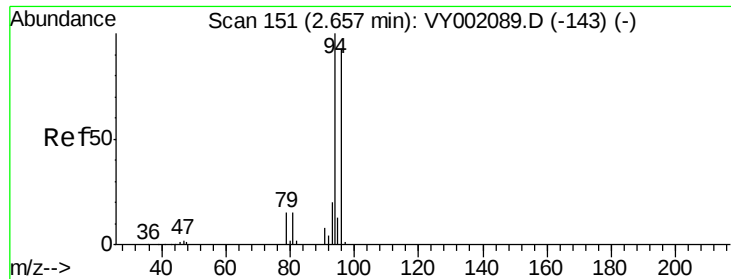
62 100

64 31.5 25.2 37.8



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





#5

Bromomethane

Concen: 45.604 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

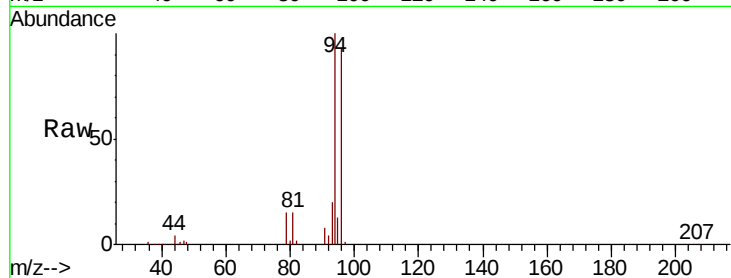
ClientSampleId :

Tot Ion: 94 Resp: 61513

Ion Ratio Lower Upper

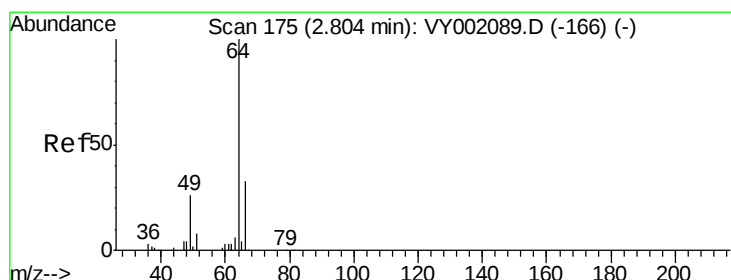
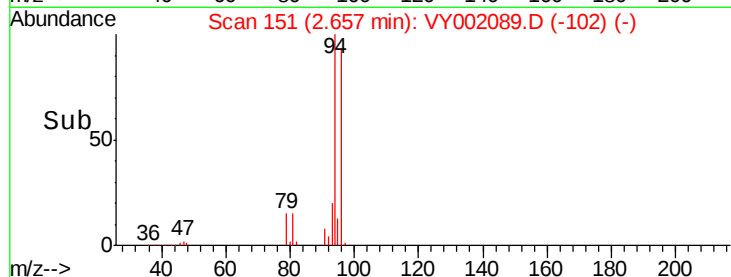
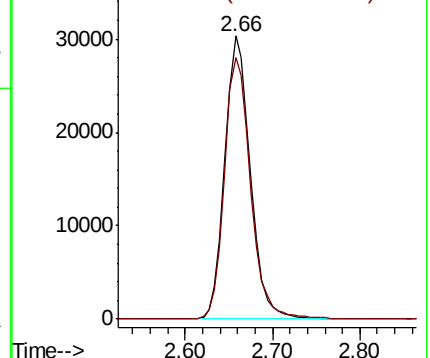
94 100

96 92.6 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.966 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002089.D

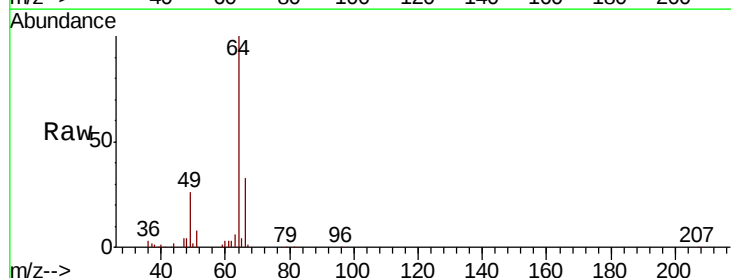
Acq: 26 Mar 2020 16:31

Tgt Ion: 64 Resp: 61436

Ion Ratio Lower Upper

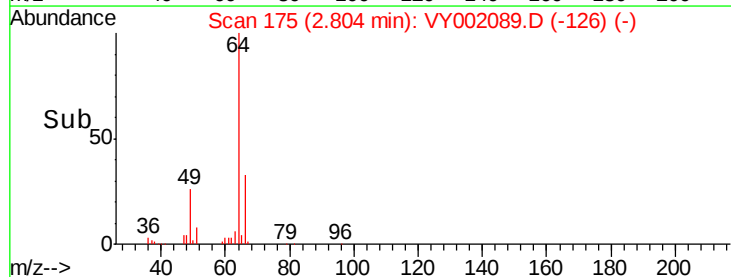
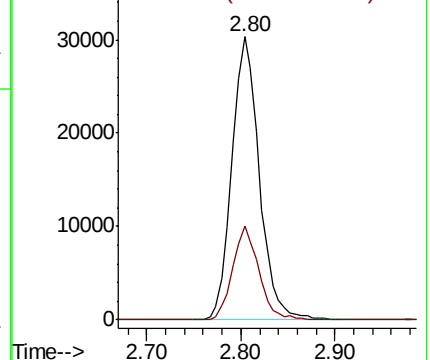
64 100

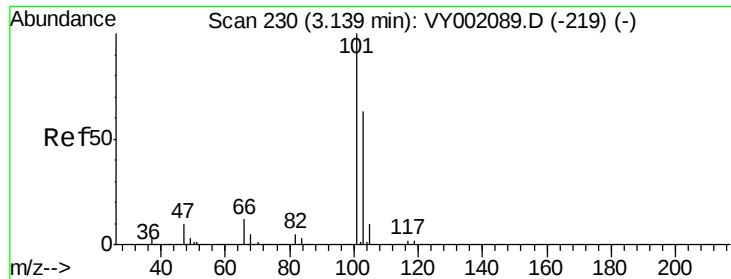
66 33.2 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



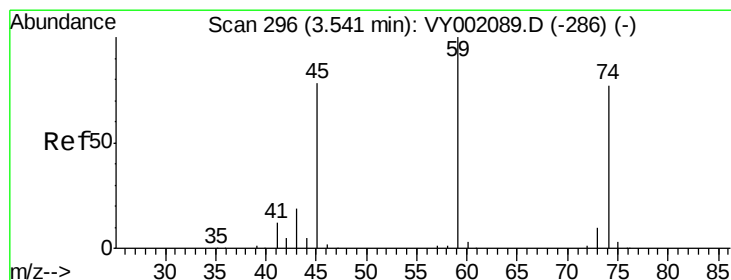
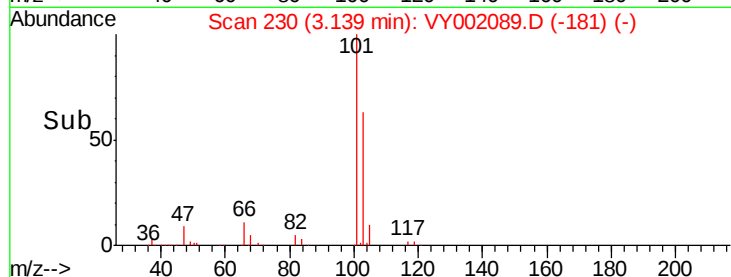
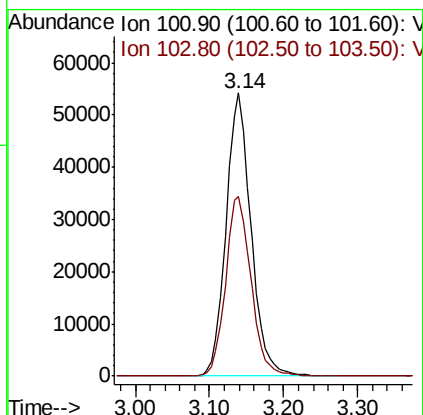
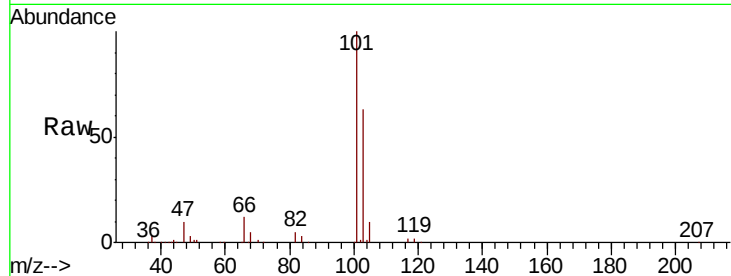


#7

Trichlorofluoromethane
 Concen: 46.079 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002089.D
 Acq: 26 Mar 2020 16:31

Instrument :
 MSVOA_Y
 ClientSampled :

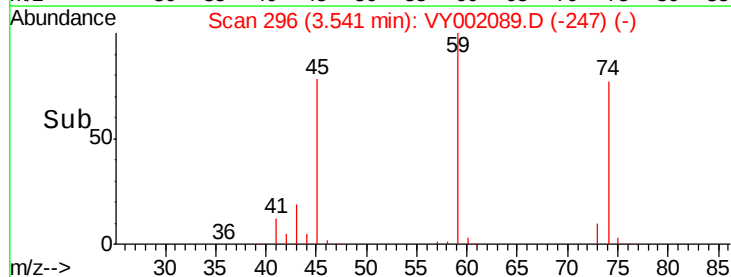
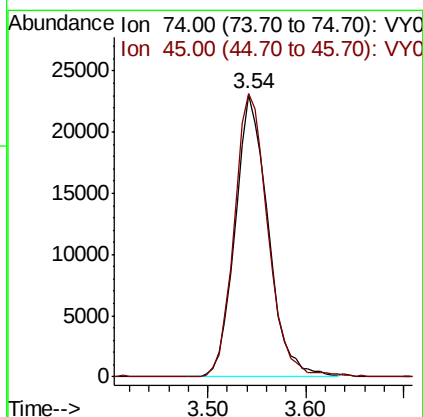
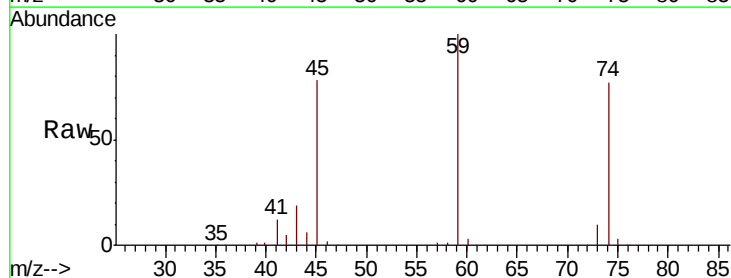
Tot Ion:101 Resp: 126985
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.6 76.0

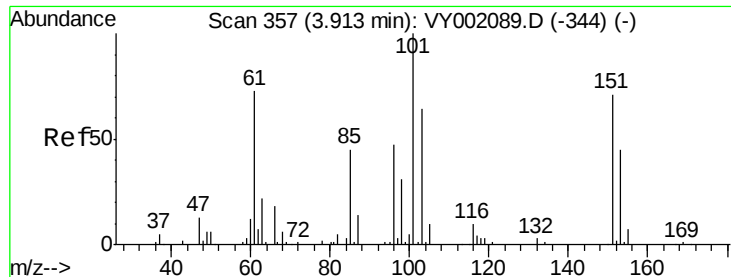


#8

Diethyl Ether
 Concen: 49.099 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: VY002089.D
 Acq: 26 Mar 2020 16:31

Tgt Ion: 74 Resp: 53777
 Ion Ratio Lower Upper
 74 100
 45 102.0 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.131 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

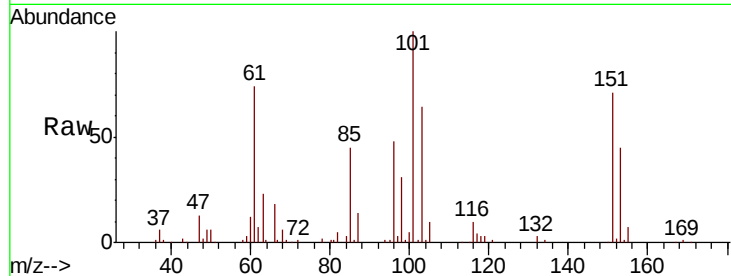
Tot Ion:101 Resp: 83935

Ion Ratio Lower Upper

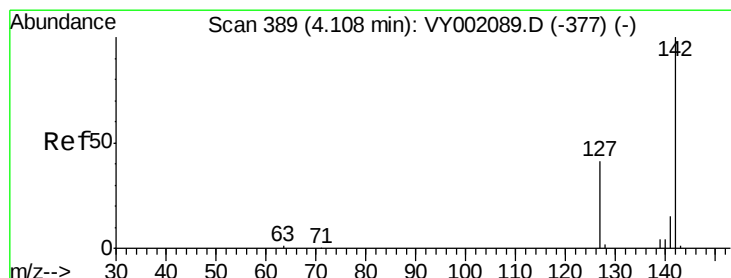
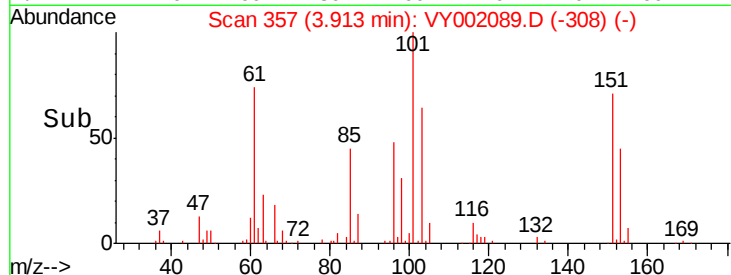
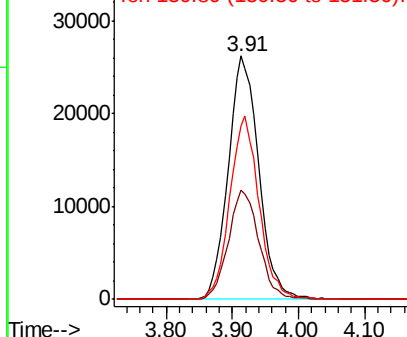
101 100

85 44.9 35.9 53.9

151 71.9 57.5 86.3



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: 52.189 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

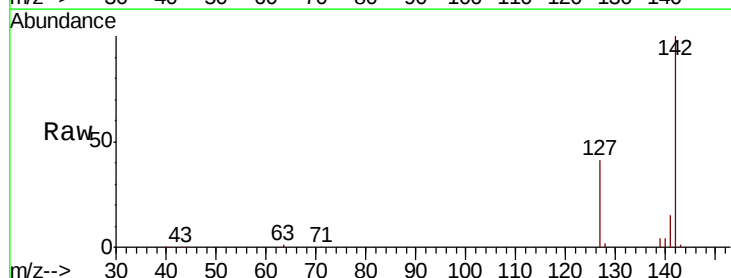
Tgt Ion:142 Resp: 107331

Ion Ratio Lower Upper

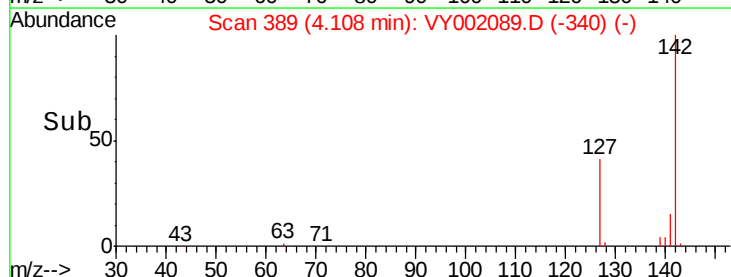
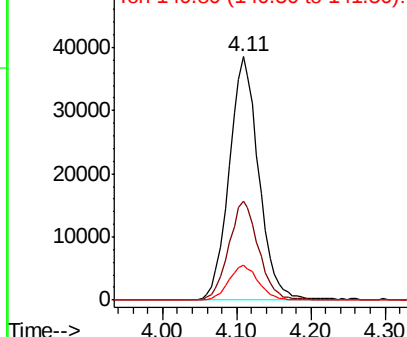
142 100

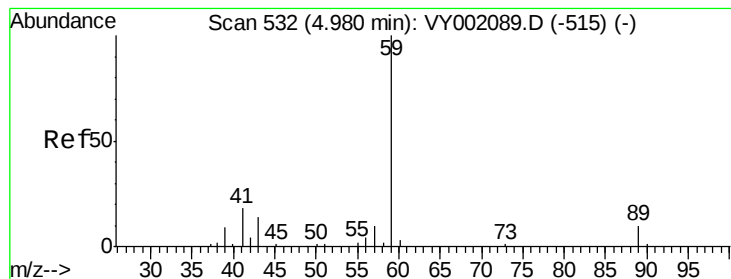
127 40.8 32.6 49.0

141 14.2 11.4 17.0



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



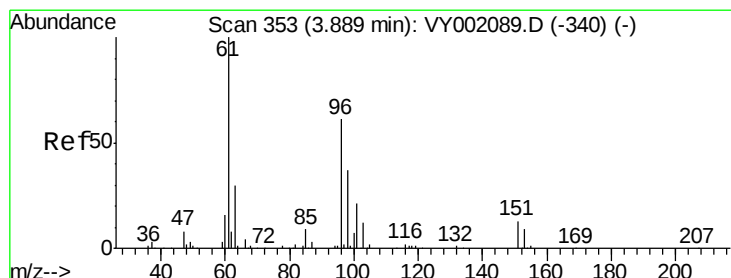
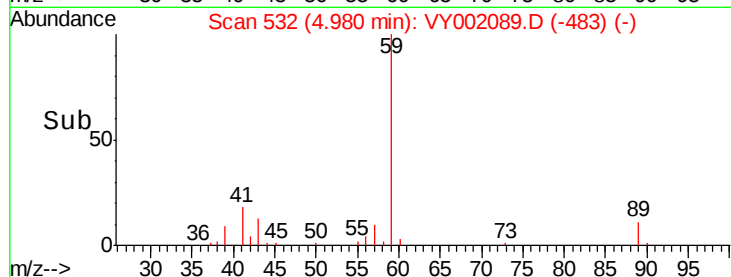
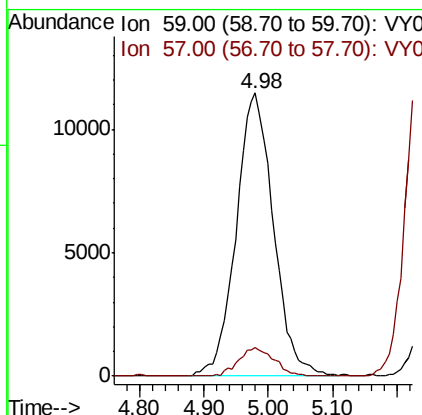
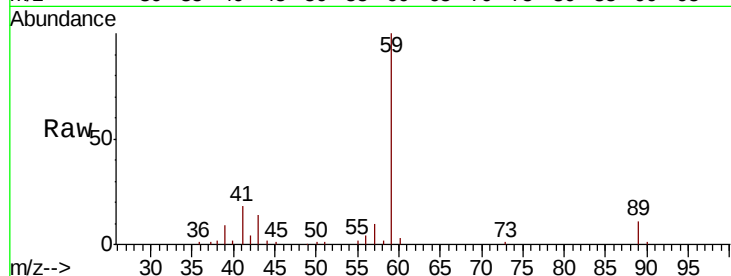


#11

Tert butyl alcohol
 Concen: 216.782 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VY002089.D
 Acq: 26 Mar 2020 16:31

Instrument :
 MSVOA_Y
 ClientSampled :

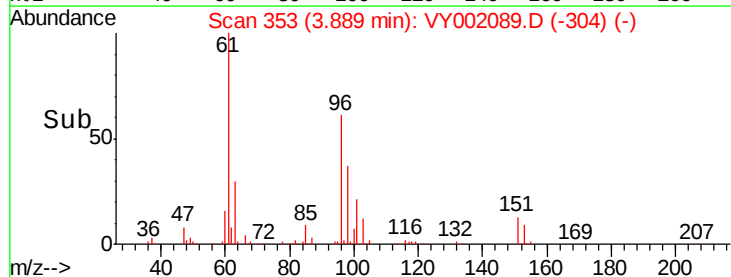
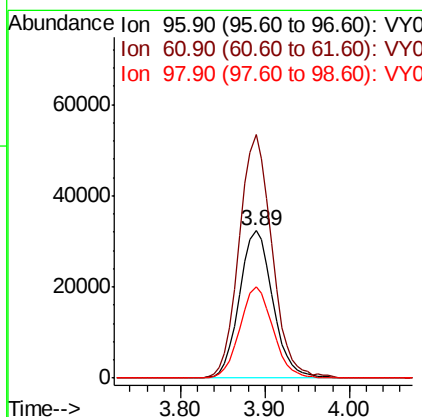
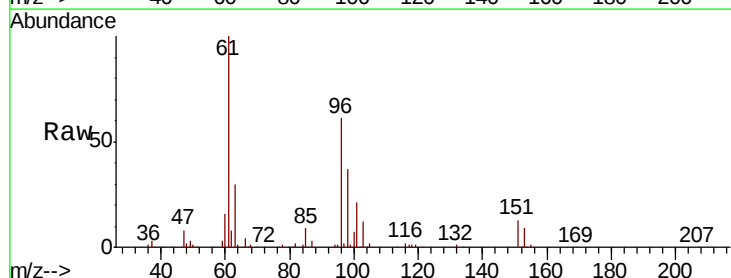
Tot Ion: 59 Resp: 45866
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.7 11.5

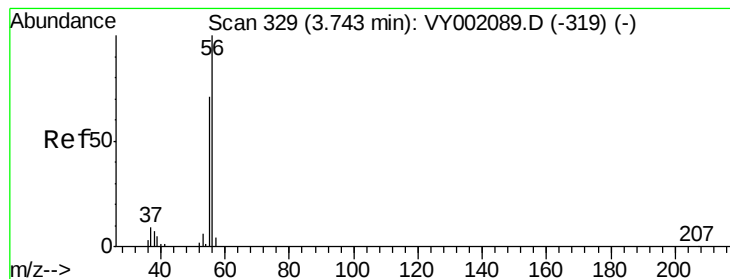


#12

1,1-Dichloroethene
 Concen: 48.364 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VY002089.D
 Acq: 26 Mar 2020 16:31

Tgt Ion: 96 Resp: 86694
 Ion Ratio Lower Upper
 96 100
 61 165.0 132.0 198.0
 98 61.7 49.4 74.0





#13

Acrolein

Concen: 281.133 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

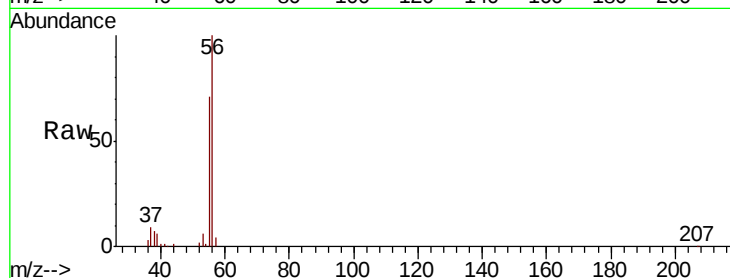
ClientSampleId :

Tot Ion: 56 Resp: 71530

Ion Ratio Lower Upper

56 100

55 70.6 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

30000

25000

20000

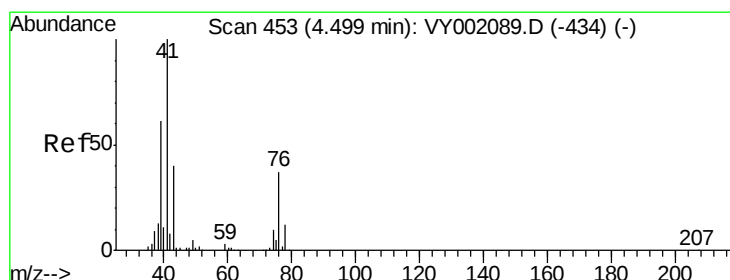
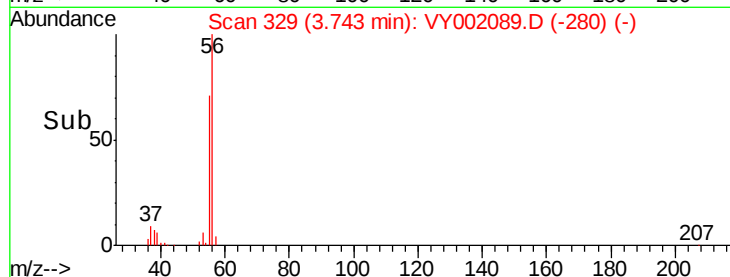
15000

10000

5000

0

Time--> 3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 51.200 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

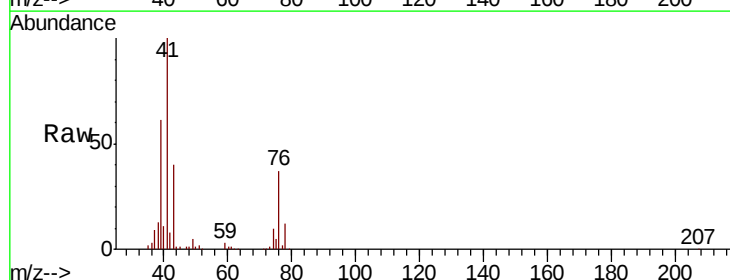
Tgt Ion: 41 Resp: 164310

Ion Ratio Lower Upper

41 100

39 61.2 49.0 73.4

76 34.8 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

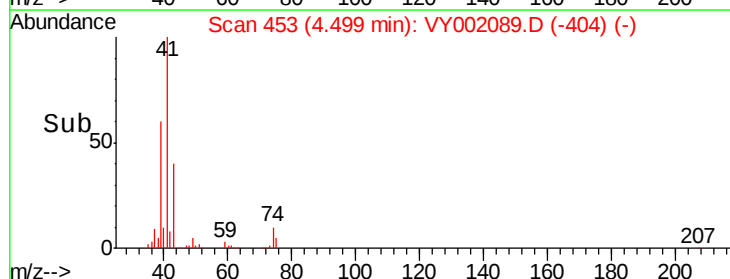
60000

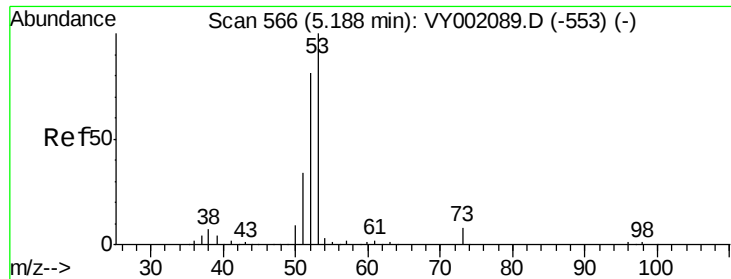
40000

20000

0

Time--> 4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 249.420 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

ClientSampled :

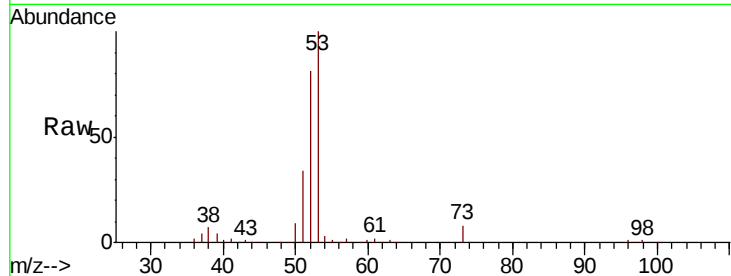
Tot Ion: 53 Resp: 146082

Ion Ratio Lower Upper

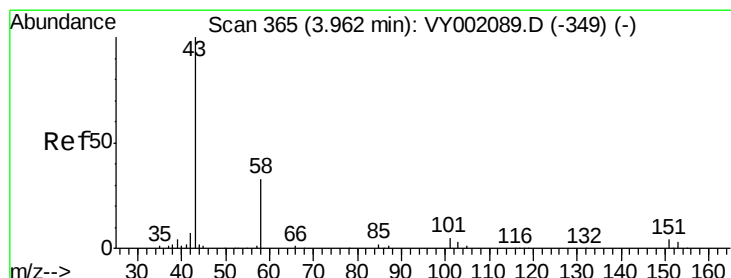
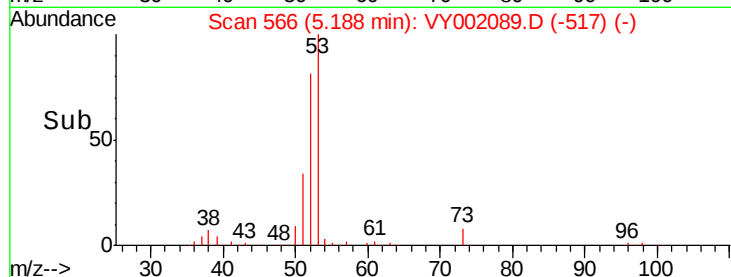
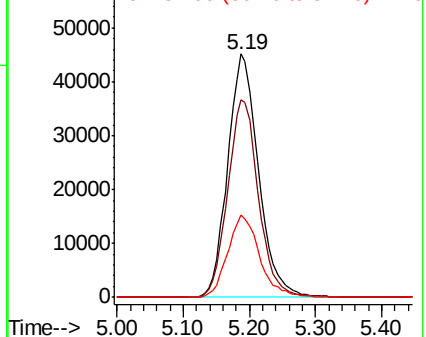
53 100

52 80.8 64.6 97.0

51 34.9 27.9 41.9



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: 247.542 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002089.D

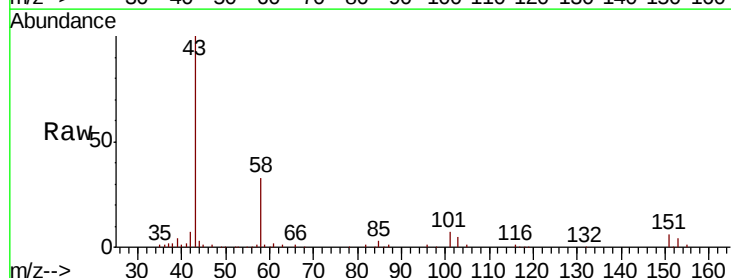
Acq: 26 Mar 2020 16:31

Tgt Ion: 43 Resp: 124460

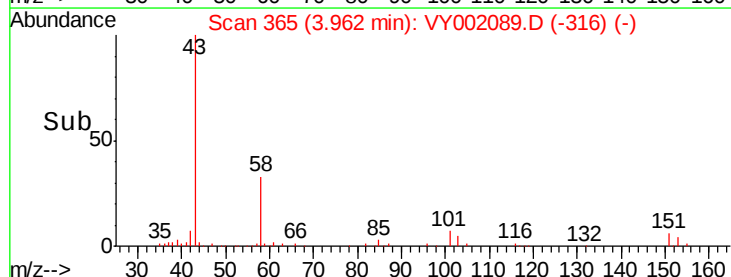
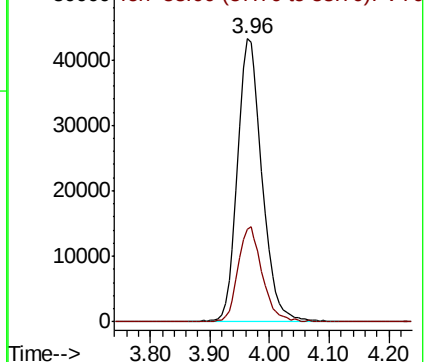
Ion Ratio Lower Upper

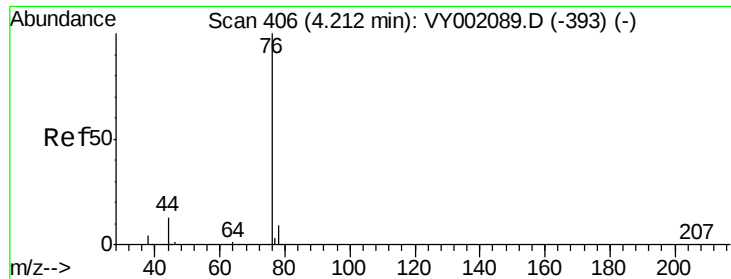
43 100

58 32.9 26.3 39.5



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

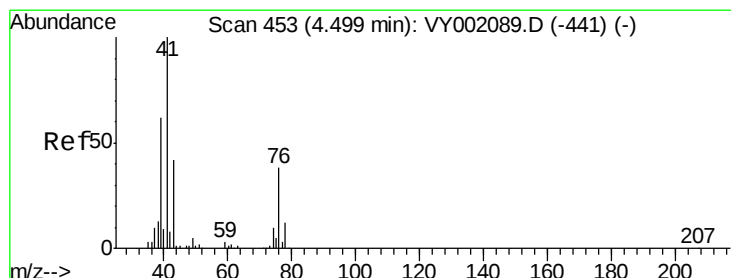
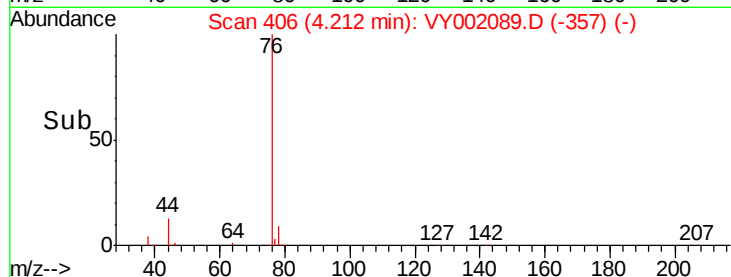
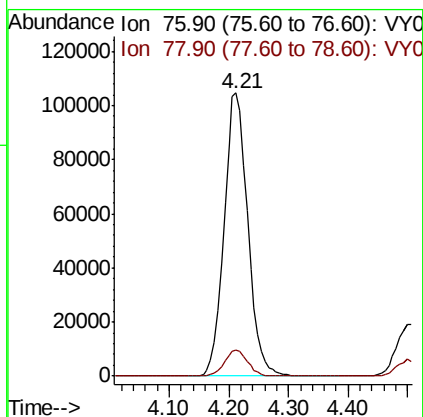
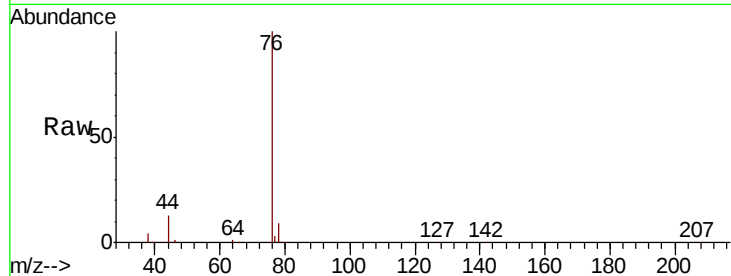




#17
Carbon Disulfide
Concen: 47.980 ug/l
RT: 4.21 min Scan# 406
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

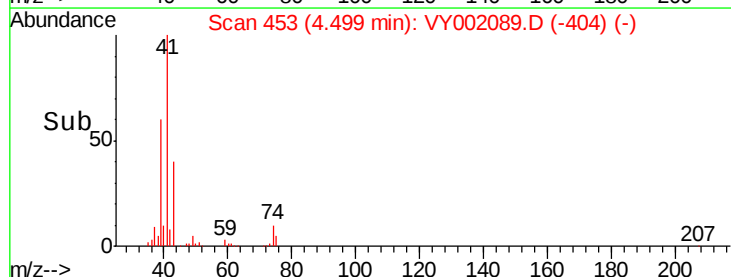
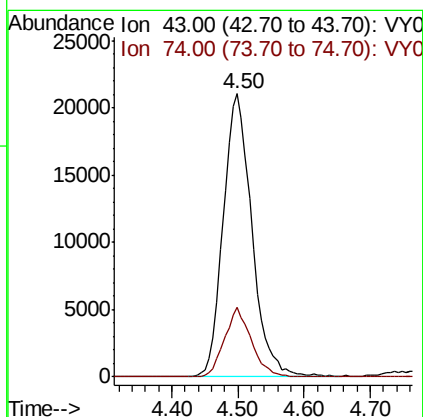
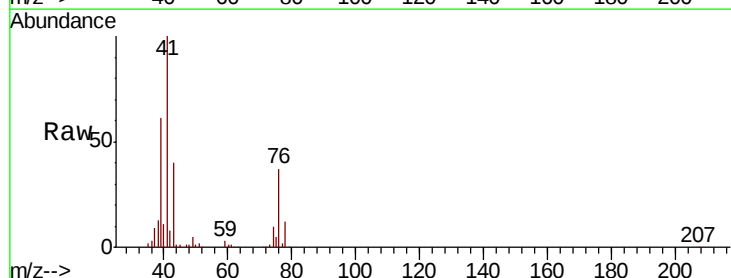
Instrument :
MSVOA_Y
ClientSampled :

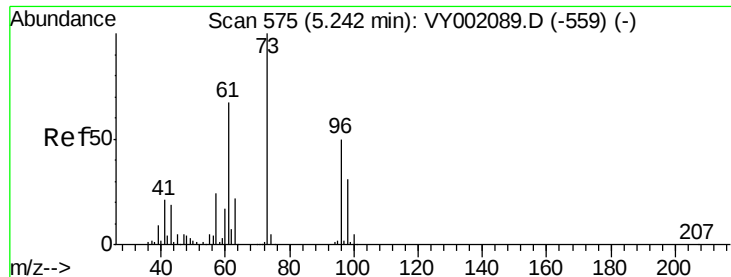
Tot Ion: 76 Resp: 288711
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 48.929 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion: 43 Resp: 63182
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5

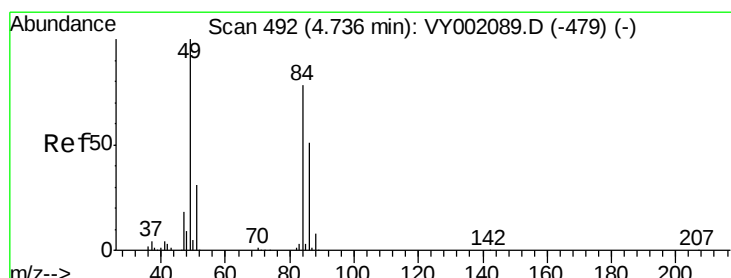
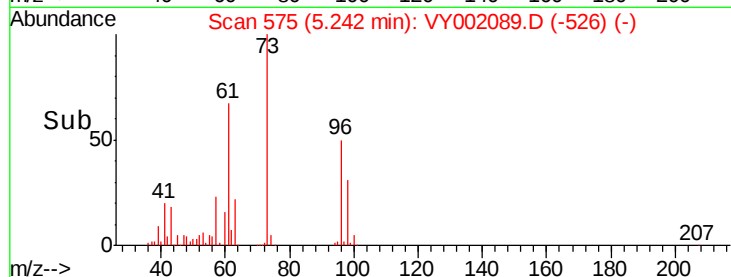
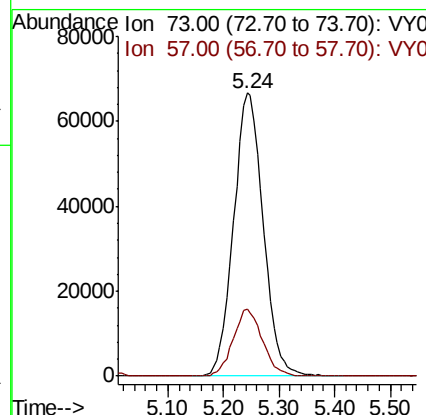
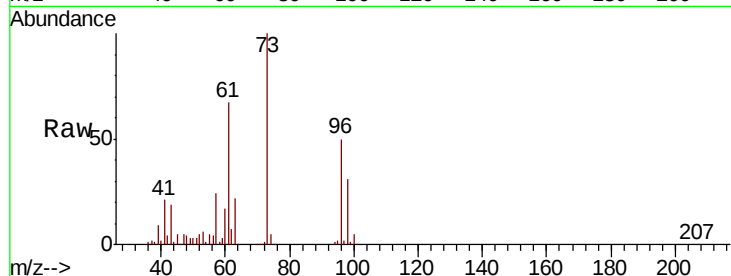




#19
Methyl tert-butyl Ether
Concen: 50.207 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

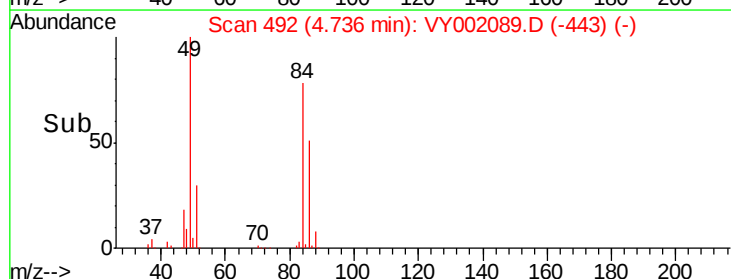
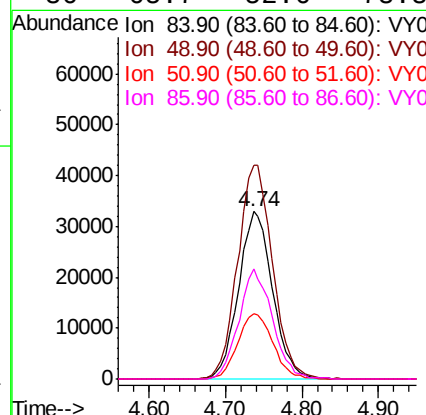
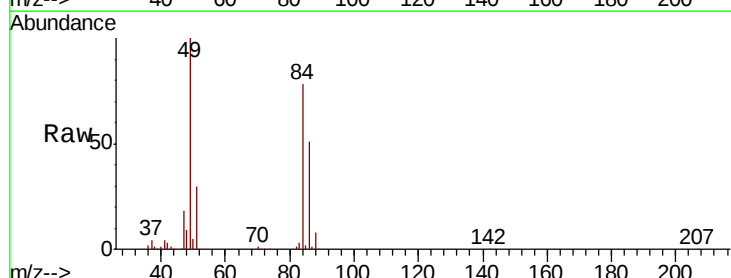
Instrument :
MSVOA_Y
ClientSampled :

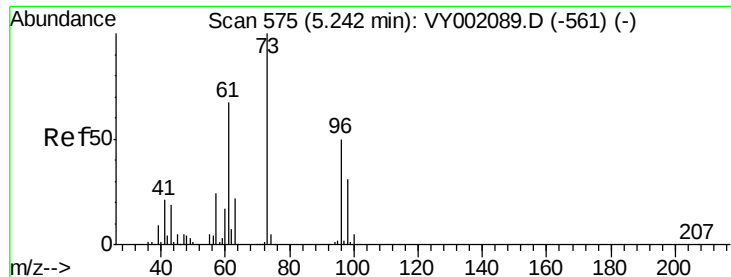
Tot Ion: 73 Resp: 245388
Ion Ratio Lower Upper
73 100
57 23.8 19.0 28.6



#20
Methylene Chloride
Concen: 46.926 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion: 84 Resp: 101497
Ion Ratio Lower Upper
84 100
49 127.8 102.2 153.4
51 39.0 31.2 46.8
86 65.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 49.295 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

ClientSampled :

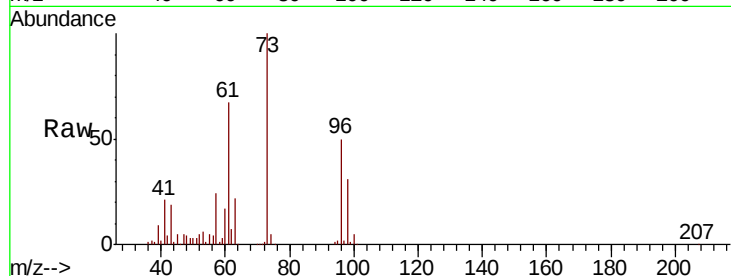
Tot Ion: 96 Resp: 100744

Ion Ratio Lower Upper

96 100

61 134.6 107.7 161.5

98 63.1 50.5 75.7

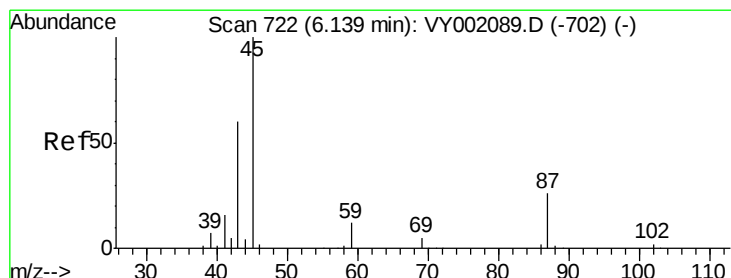
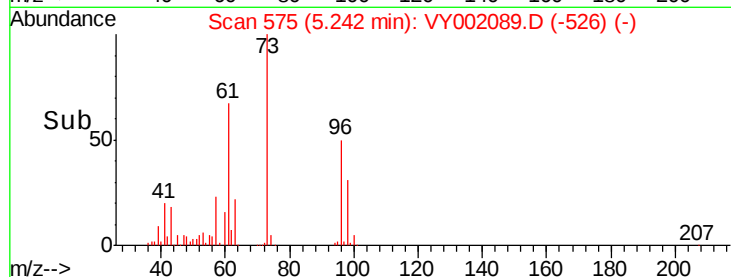
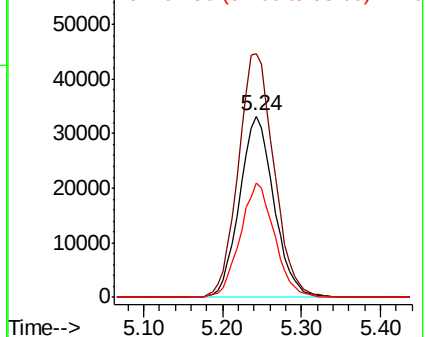


Abundance

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: 51.115 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Tgt Ion: 45 Resp: 336630

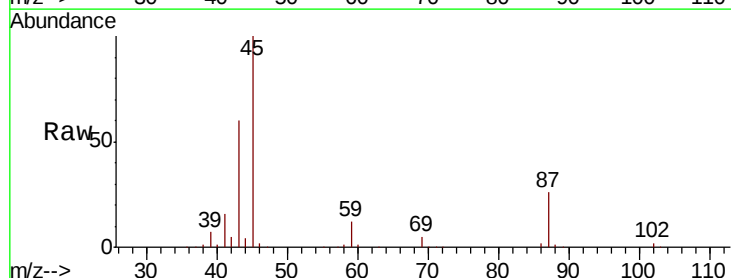
Ion Ratio Lower Upper

45 100

43 60.1 48.1 72.1

87 26.4 21.1 31.7

59 11.5 9.2 13.8



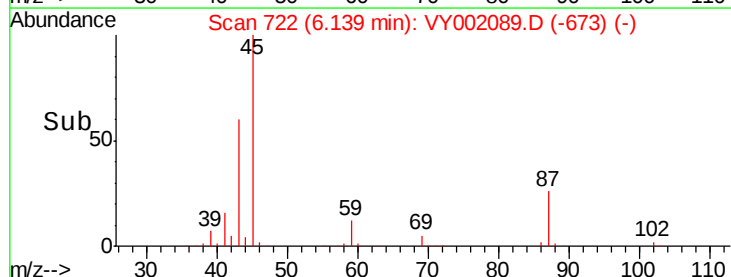
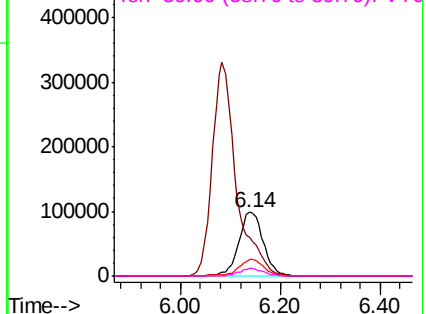
Abundance

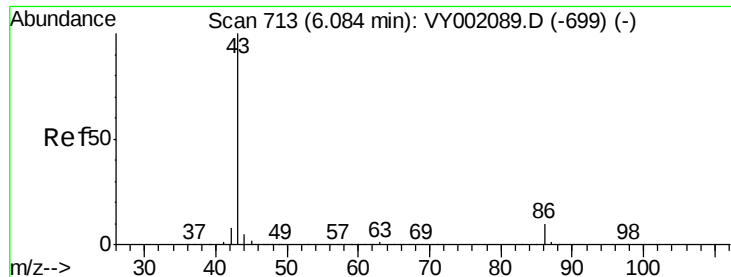
Ion 45.00 (44.70 to 45.70): VY0

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: 256.503 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

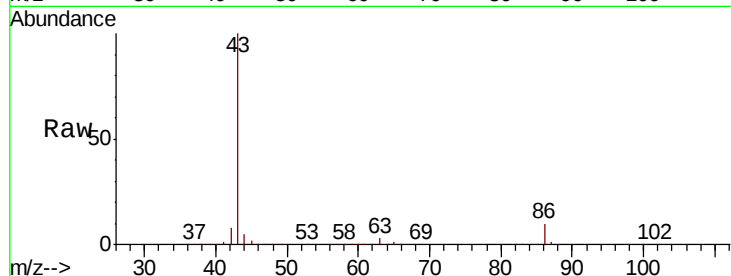
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1104465

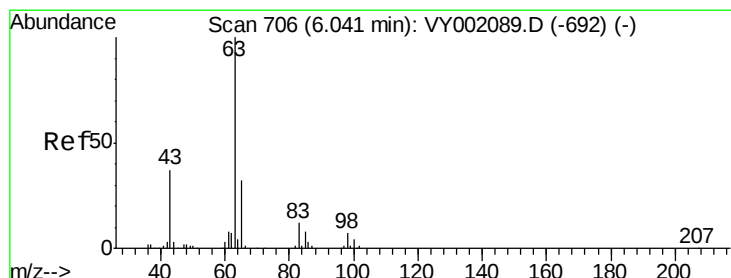
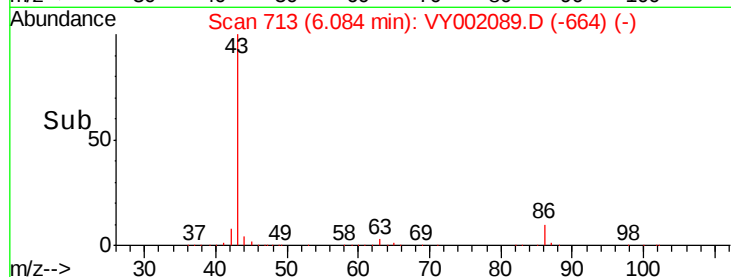
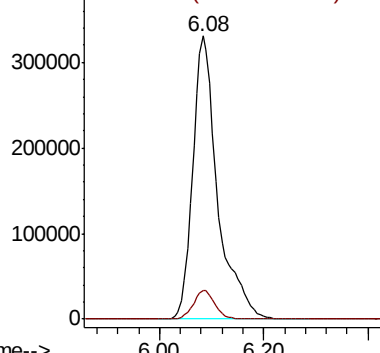
Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.144 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

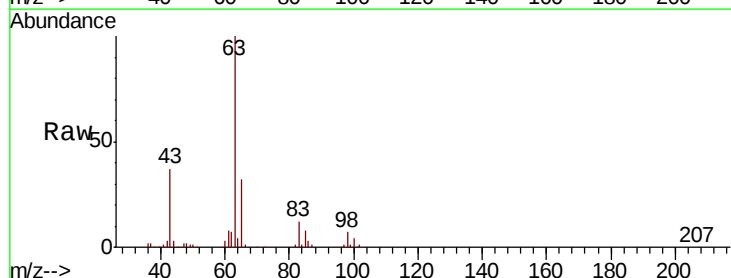
Tgt Ion: 63 Resp: 178232

Ion Ratio Lower Upper

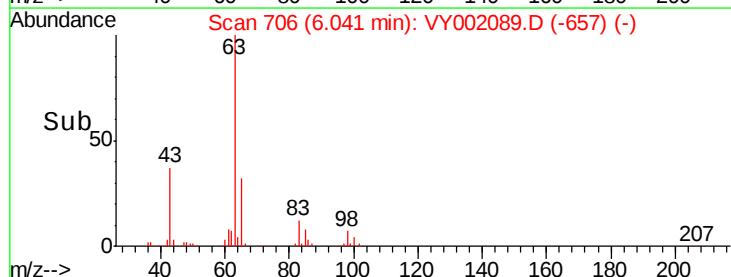
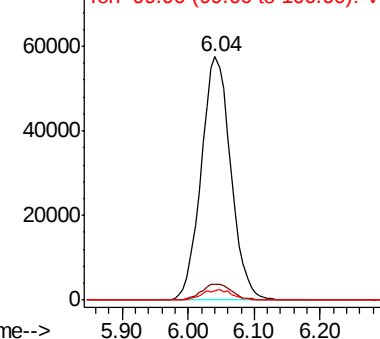
63 100

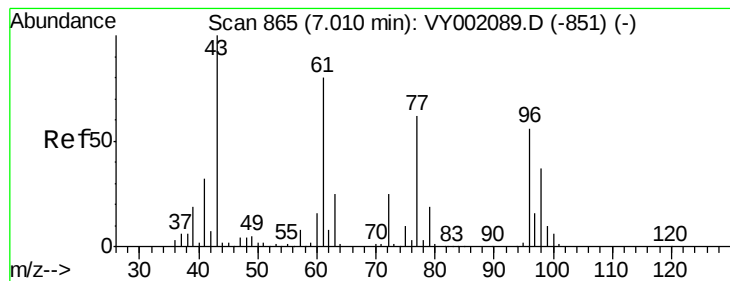
98 6.6 3.3 9.9

100 3.7 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 250.041 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

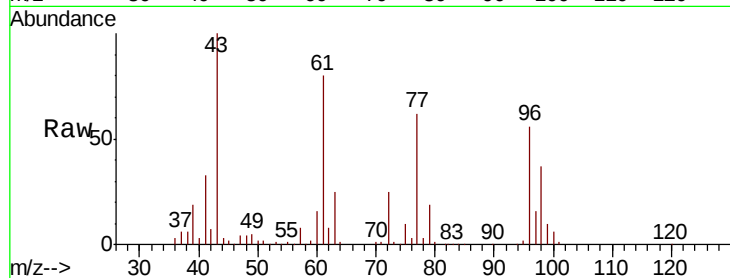
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 191268

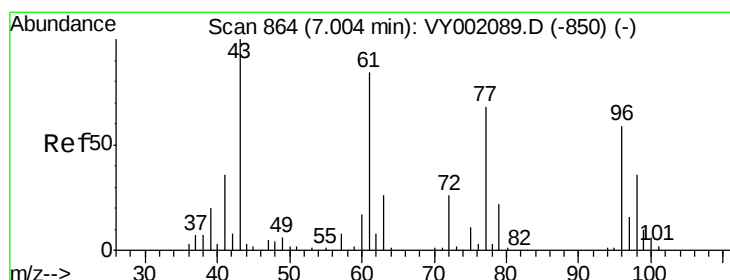
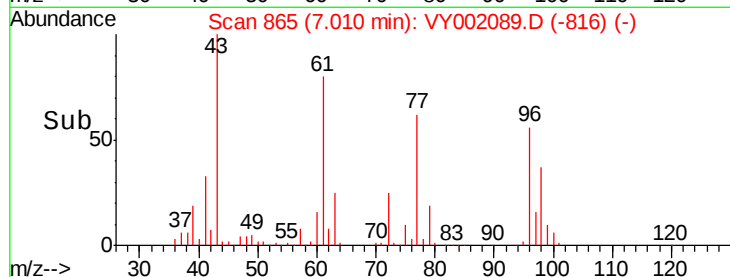
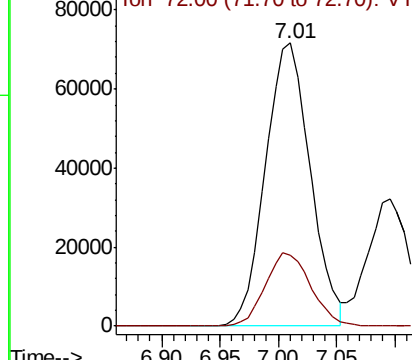
Ion Ratio Lower Upper

43 100

72 25.2 20.2 30.2



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



#26

2,2-Dichloropropane

Concen: 50.013 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002089.D

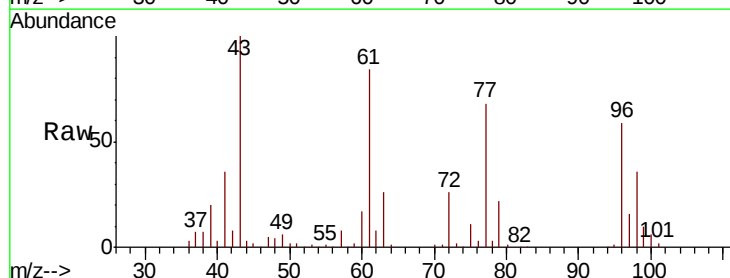
Acq: 26 Mar 2020 16:31

Tgt Ion: 77 Resp: 146227

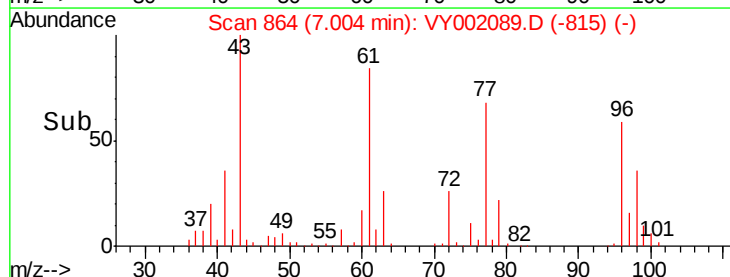
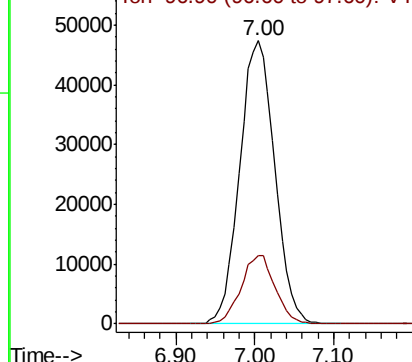
Ion Ratio Lower Upper

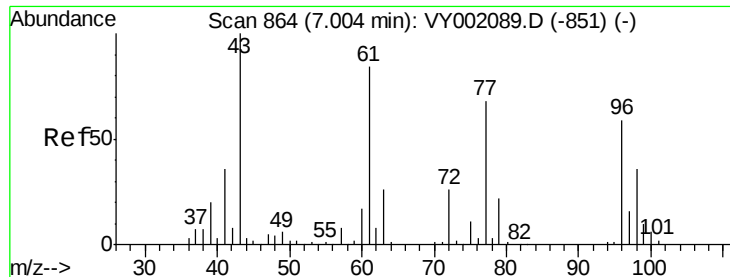
77 100

97 23.4 11.7 35.1



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



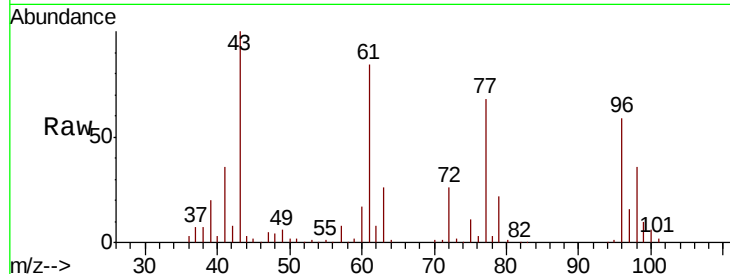


#27

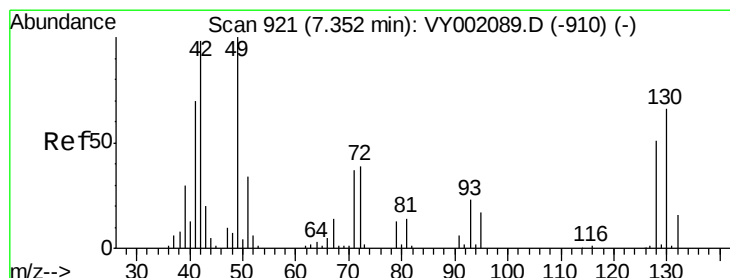
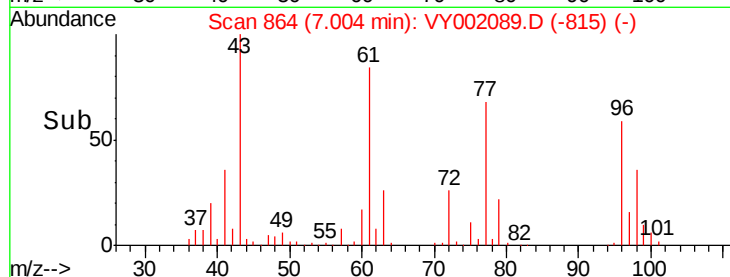
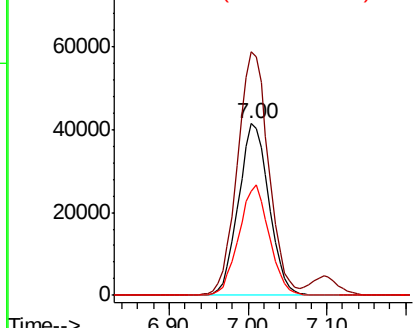
cis-1,2-Dichloroethene
Concen: 50.181 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 111677
Ion Ratio Lower Upper
96 100
61 145.3 0.0 290.6
98 64.0 0.0 128.0



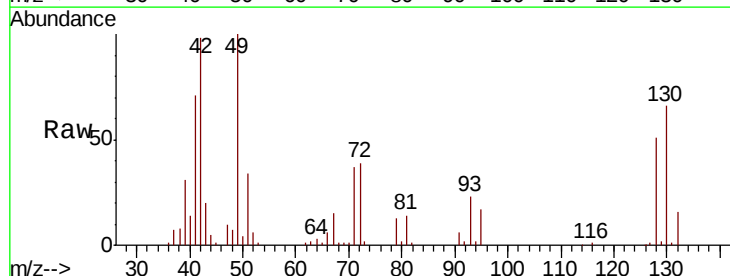
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



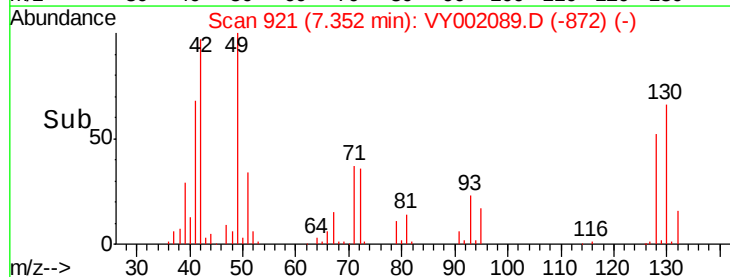
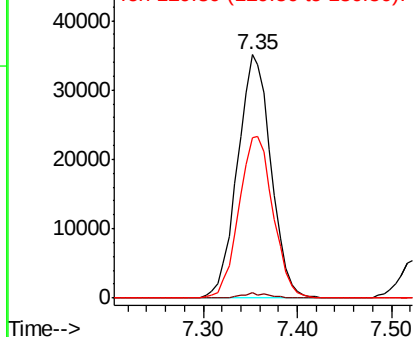
#28

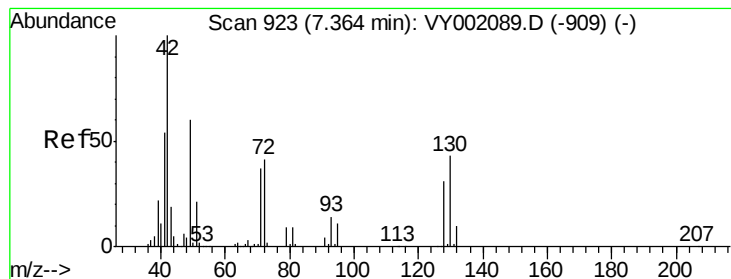
Bromochloromethane
Concen: 53.775 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion: 49 Resp: 87243
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 67.6 54.1 81.1



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: 248.198 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

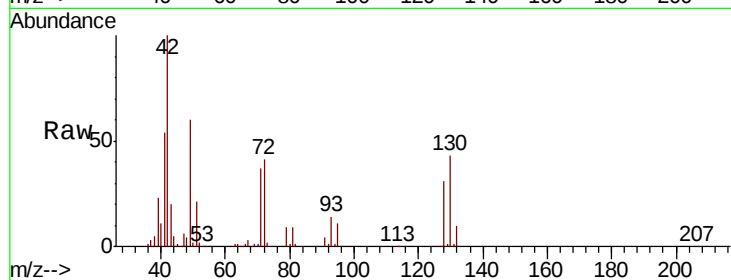
Tot Ion: 42 Resp: 126371

Ion Ratio Lower Upper

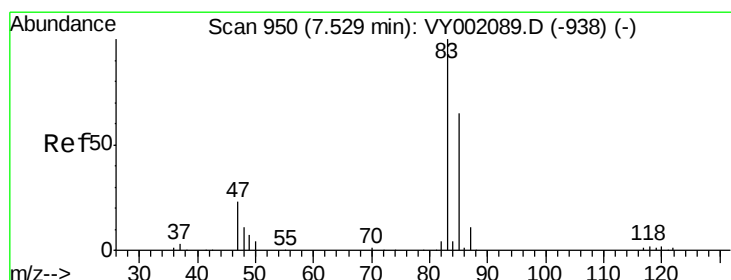
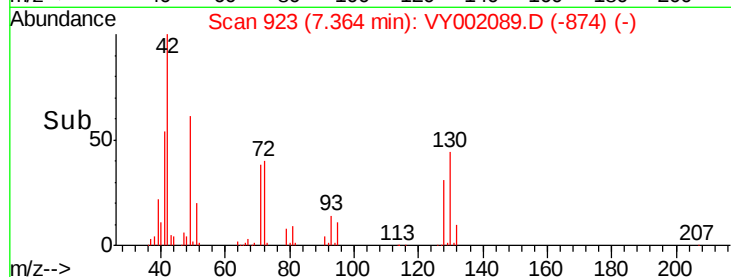
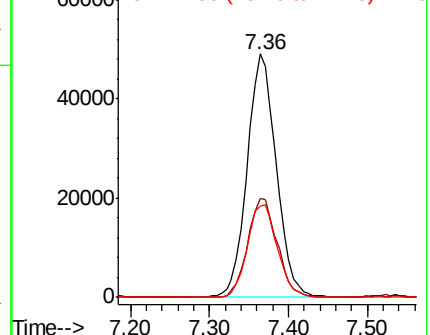
42 100

72 41.2 33.0 49.4

71 39.0 31.2 46.8



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



#30

Chloroform

Concen: 50.310 ug/l

RT: 7.53 min Scan# 950

Delta R.T. 0.00 min

Lab File: VY002089.D

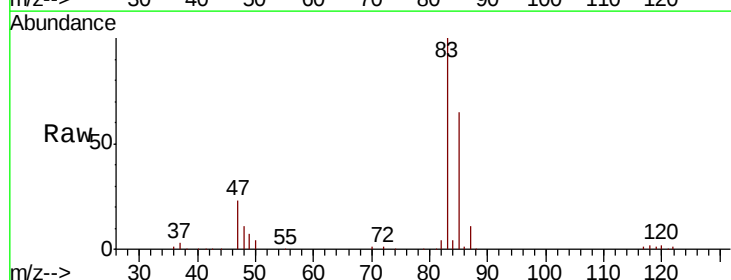
Acq: 26 Mar 2020 16:31

Tgt Ion: 83 Resp: 167922

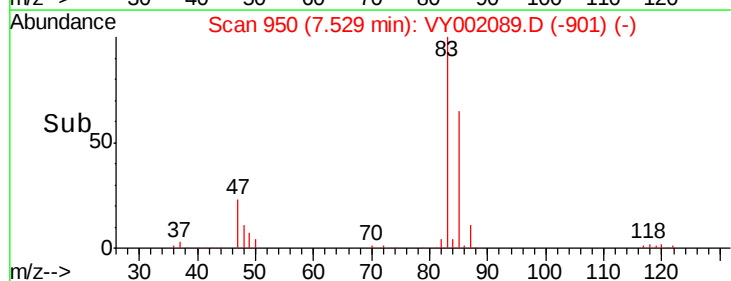
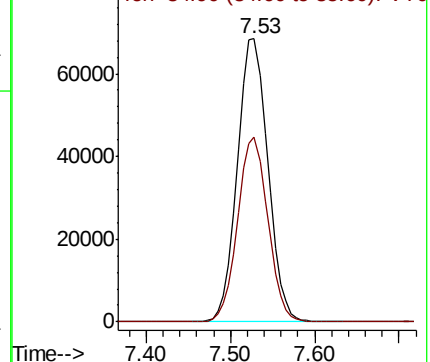
Ion Ratio Lower Upper

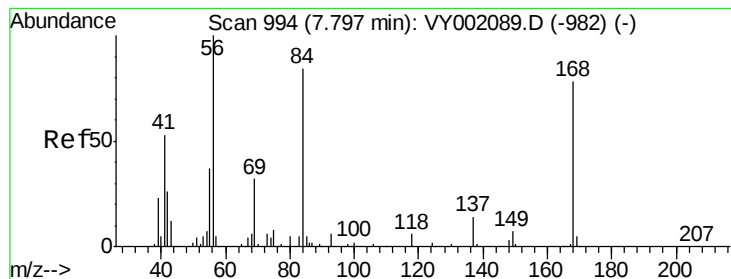
83 100

85 65.5 52.4 78.6



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





#31

Cyclohexane

Concen: 47.157 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :
MSVOA_Y
ClientSampled :

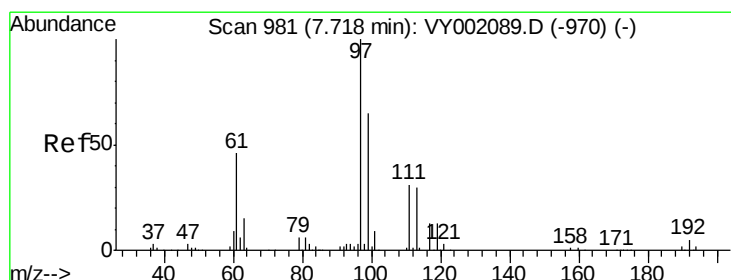
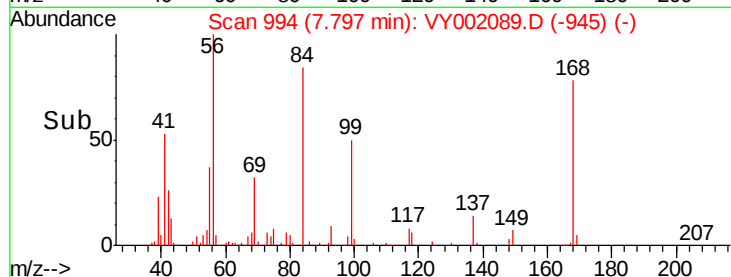
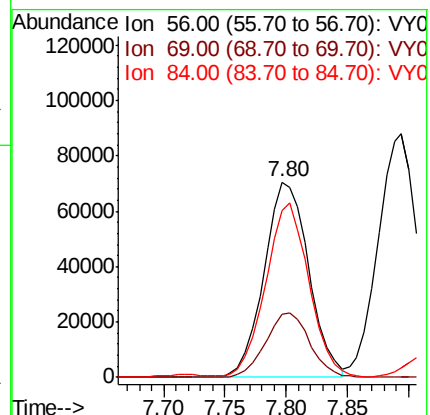
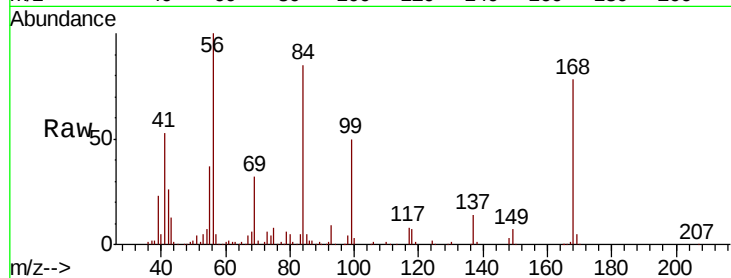
Tot Ion: 56 Resp: 179208

Ion Ratio Lower Upper

56 100

69 32.3 25.8 38.8

84 83.9 67.1 100.7



#32

1,1,1-Trichloroethane

Concen: 50.370 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

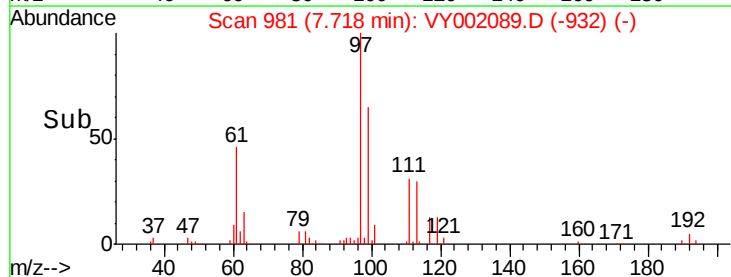
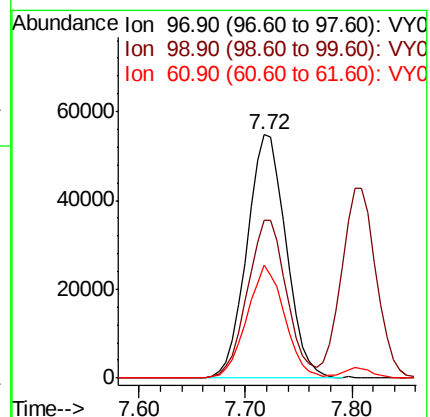
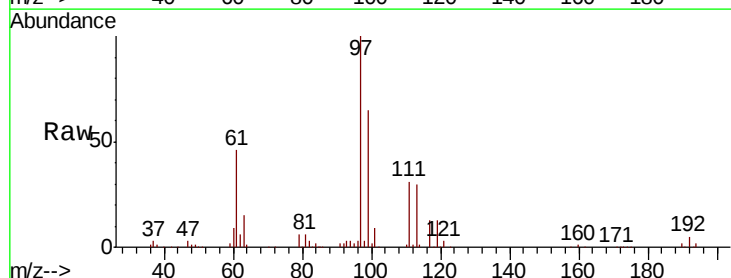
Tgt Ion: 97 Resp: 141499

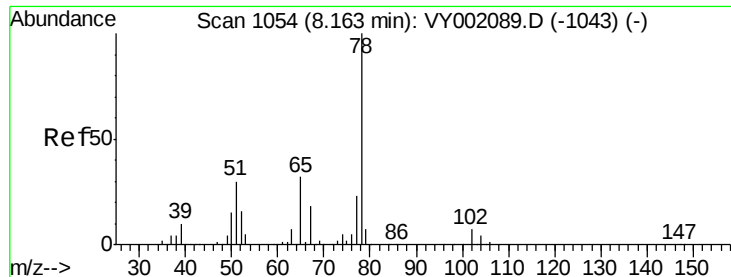
Ion Ratio Lower Upper

97 100

99 65.0 52.0 78.0

61 44.6 35.7 53.5

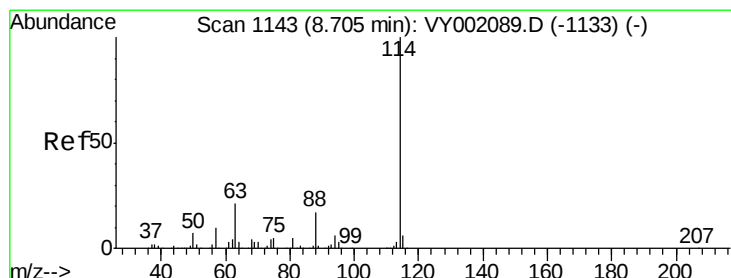
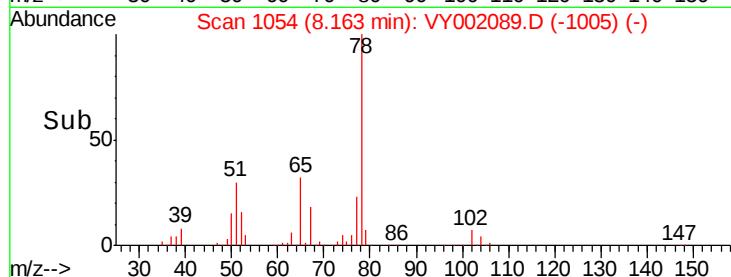
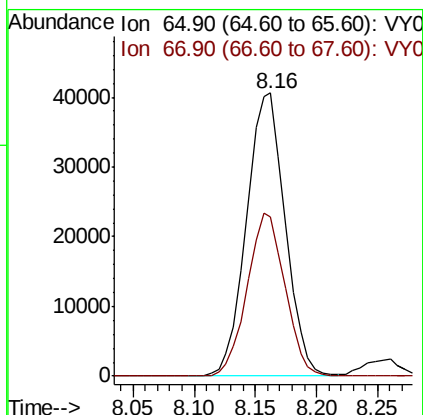
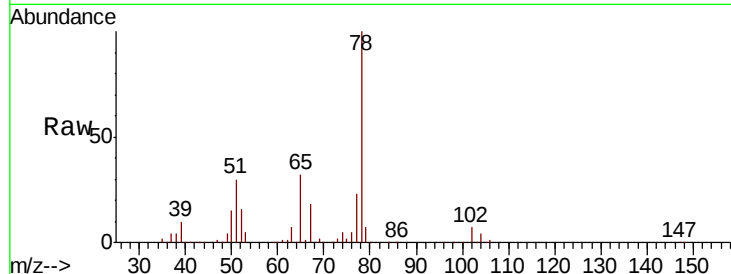




#33
 1,2-Dichloroethane-d4
 Concen: 50.901 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002089.D
 Acq: 26 Mar 2020 16:31

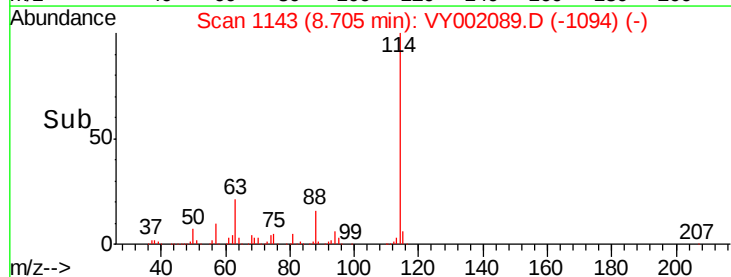
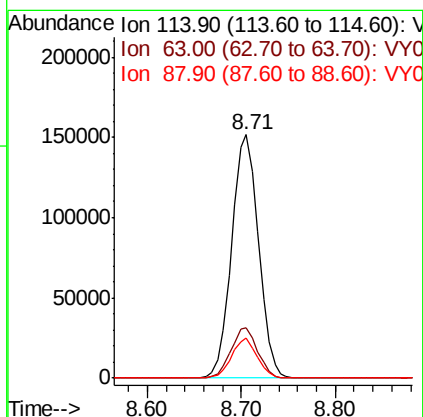
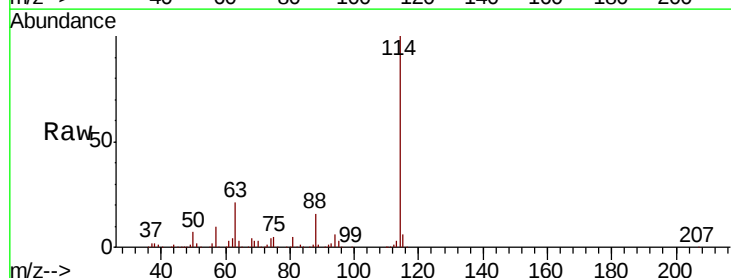
Instrument :
 MSVOA_Y
 ClientSampleId :

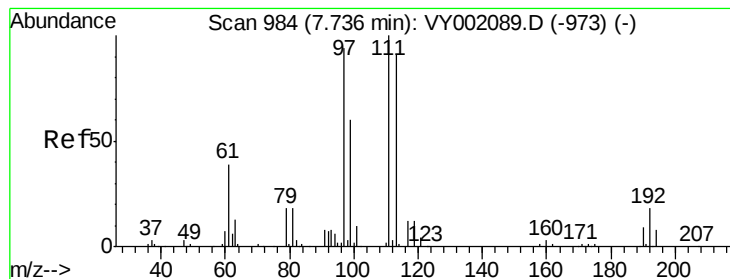
Tot Ion: 65 Resp: 89485
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002089.D
 Acq: 26 Mar 2020 16:31

Tgt Ion: 114 Resp: 299316
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.385 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

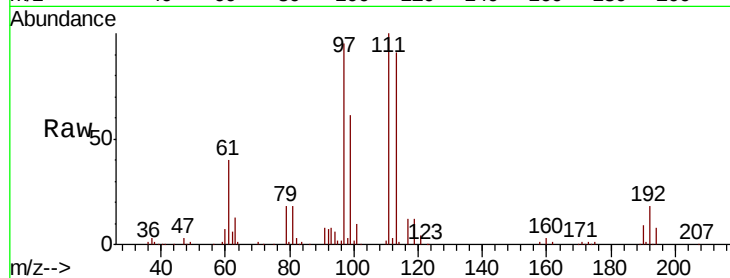
Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:113 Resp: 82820

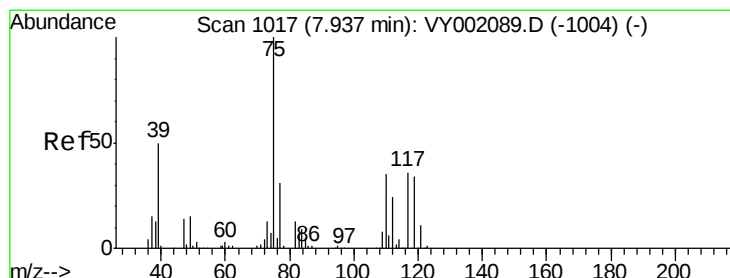
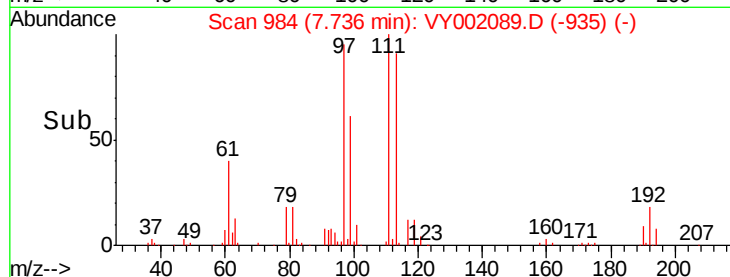
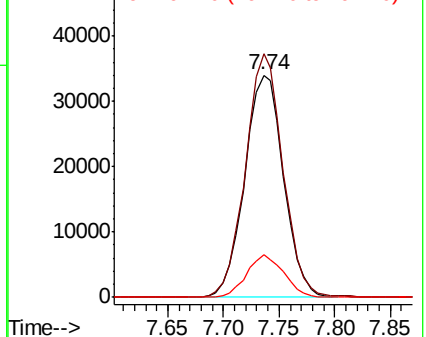
Ion	Ratio	Lower	Upper
113	100		
111	105.5	84.4	126.6
192	18.2	14.6	21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.380 ug/l

RT: 7.94 min Scan# 1017

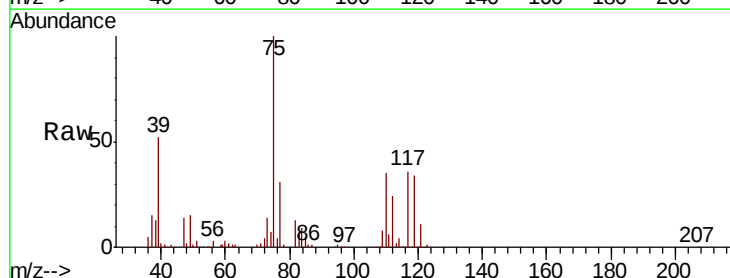
Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Tgt Ion: 75 Resp: 141020

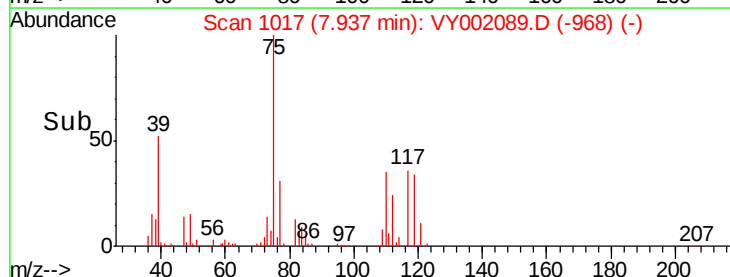
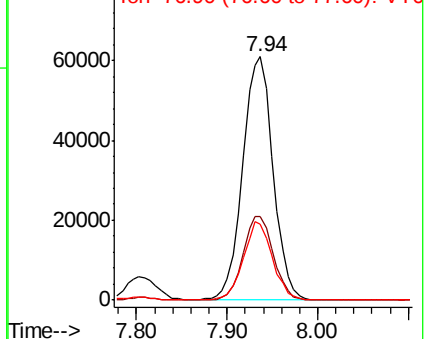
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.2	51.6
77	30.9	24.7	37.1

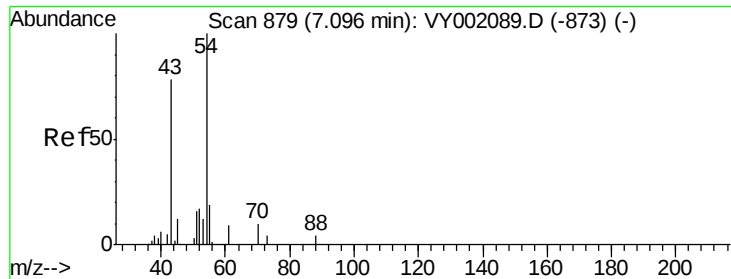


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

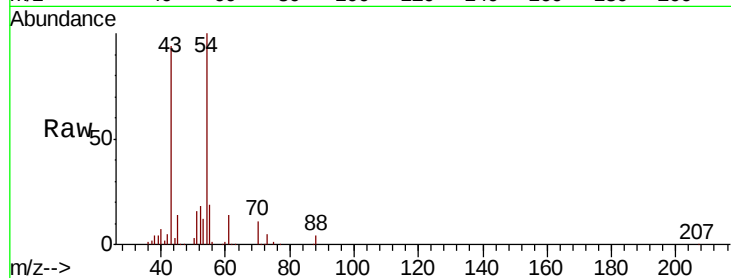




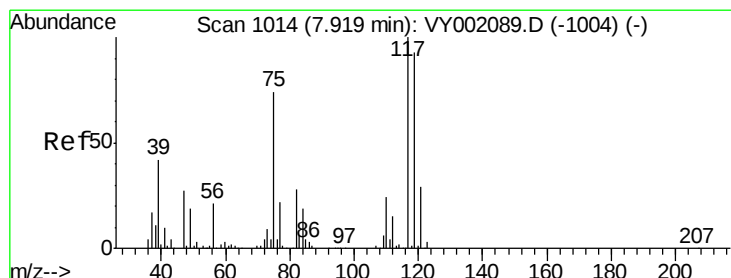
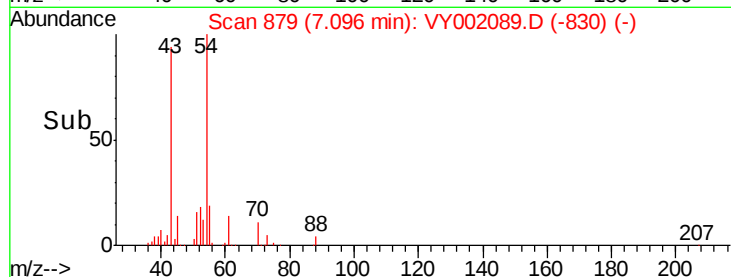
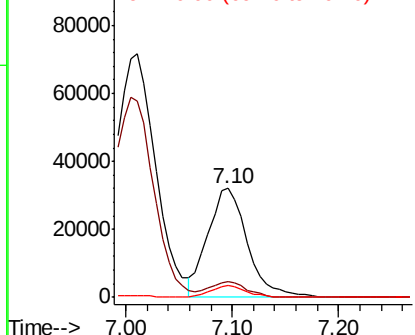
#37
Ethyl Acetate
Concen: 49.517 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 81961
Ion Ratio Lower Upper
43 100
61 14.0 11.2 16.8
70 10.3 8.2 12.4

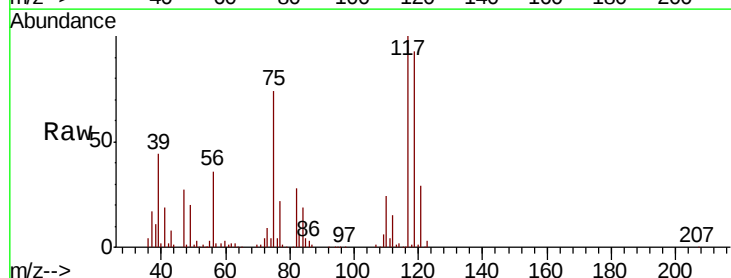


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

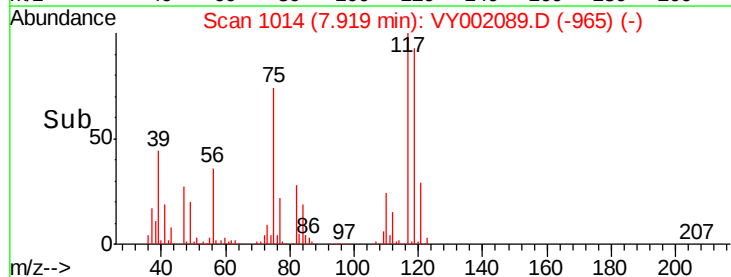
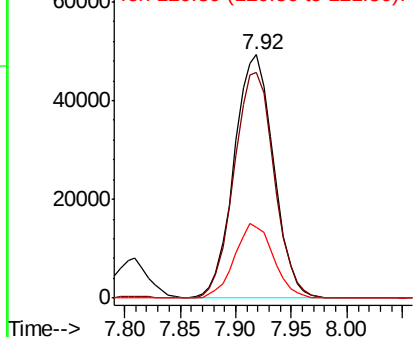


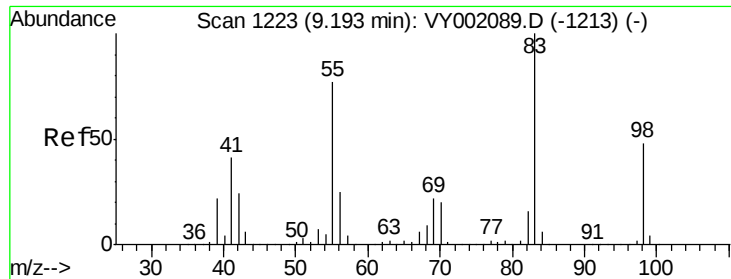
#38
Carbon Tetrachloride
Concen: 49.650 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion: 117 Resp: 121464
Ion Ratio Lower Upper
117 100
119 92.9 74.3 111.5
121 29.1 23.3 34.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

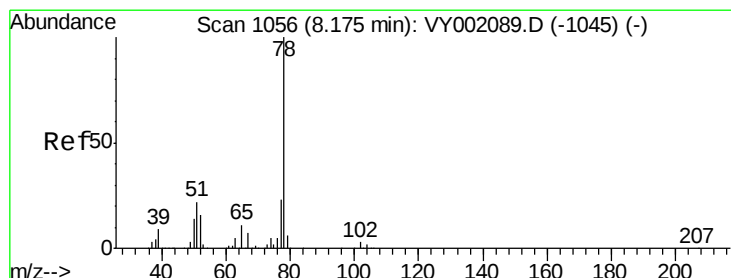
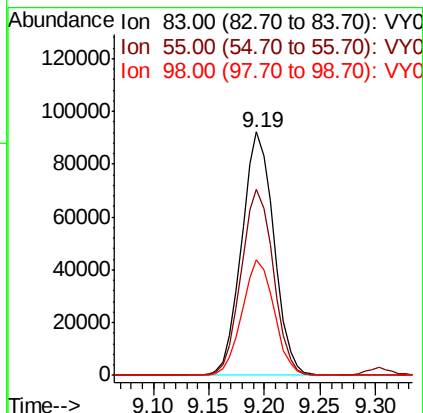
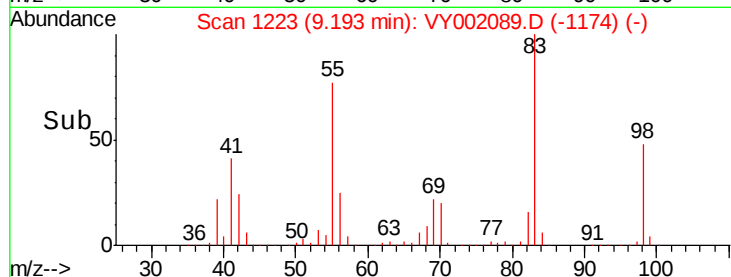
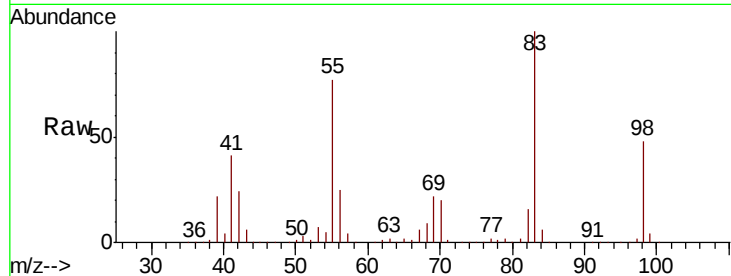




#39
Methvlcvclohexane
Concen: 48.963 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

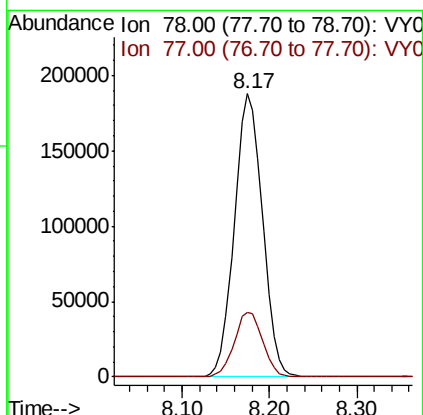
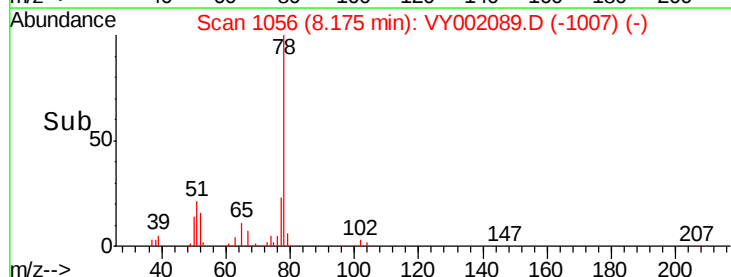
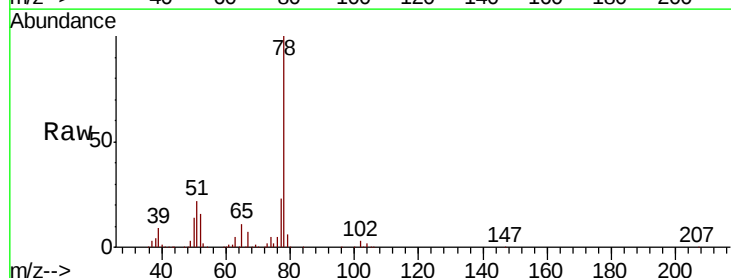
Instrument :
MSVOA_Y
ClientSampleId :

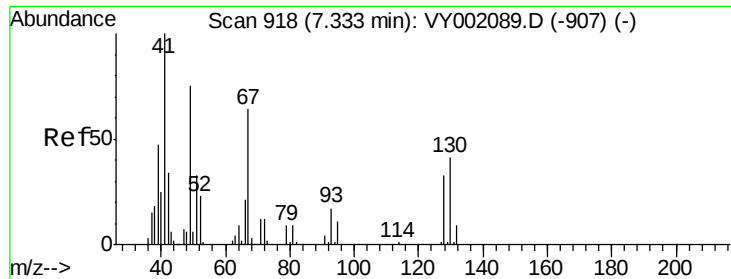
Tot Ion: 83 Resp: 185777
Ion Ratio Lower Upper
83 100
55 76.5 61.2 91.8
98 47.7 38.2 57.2



#40
Benzene
Concen: 49.544 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion: 78 Resp: 420019
Ion Ratio Lower Upper
78 100
77 22.8 18.2 27.4

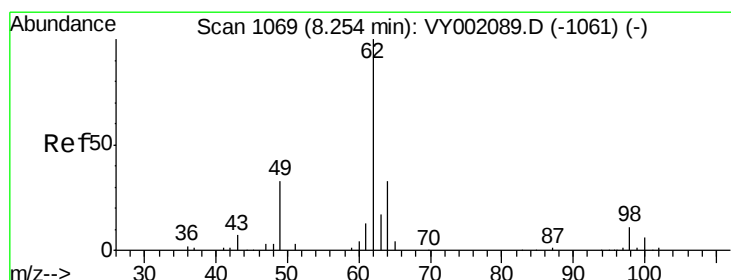
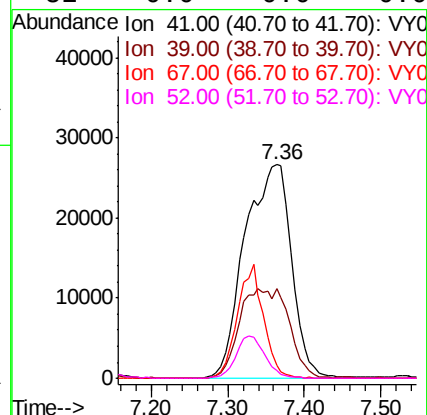
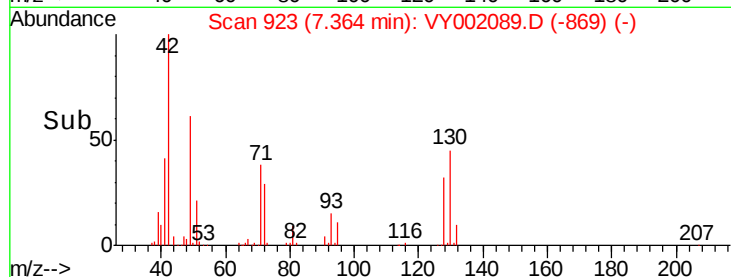
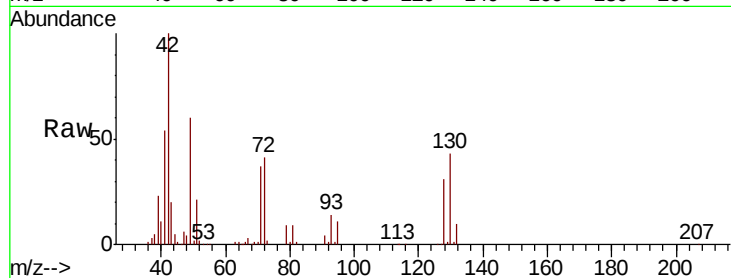




#41
Methacrylonitrile
Concen: 146.290 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.03 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

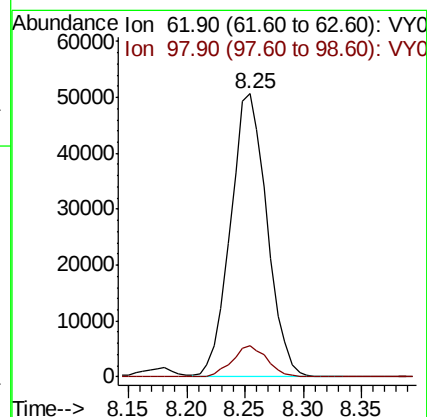
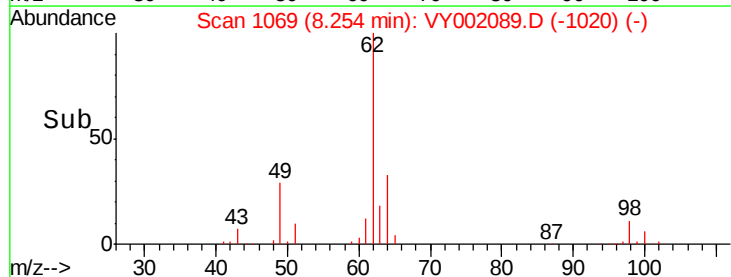
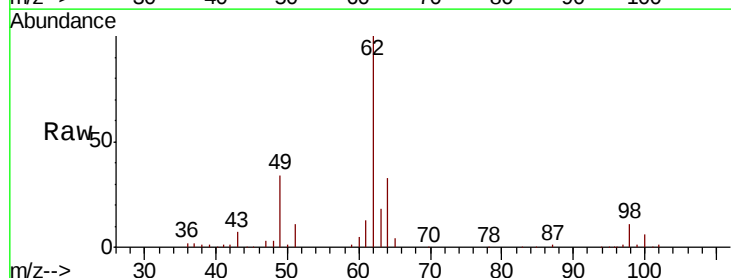
Instrument :
MSVOA_Y
ClientSampleId :

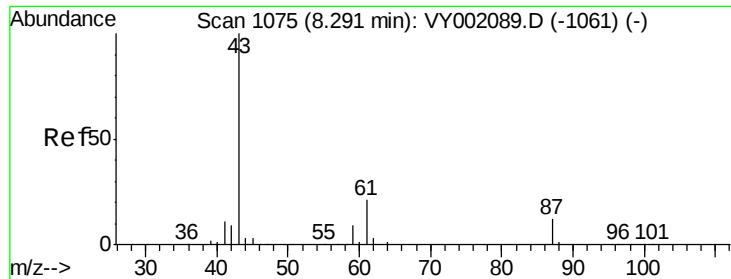
Tot Ion:	41	Resp:	112809
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.400 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion:	62	Resp:	110238
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.2





#43

Isopropyl Acetate

Concen: 50.062 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

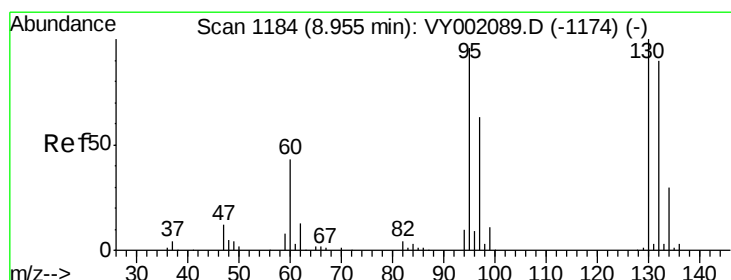
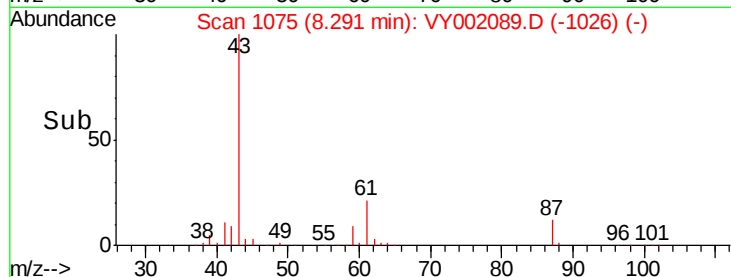
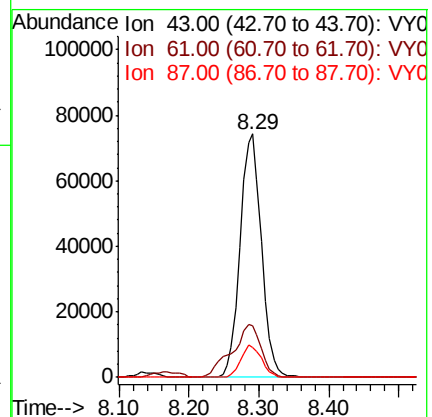
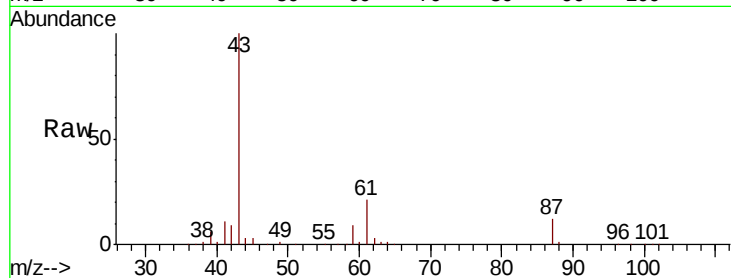
Tot Ion: 43 Resp: 157489

Ion Ratio Lower Upper

43 100

61 29.3 23.4 35.2

87 12.8 10.2 15.4



#44

Trichloroethene

Concen: 49.399 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VY002089.D

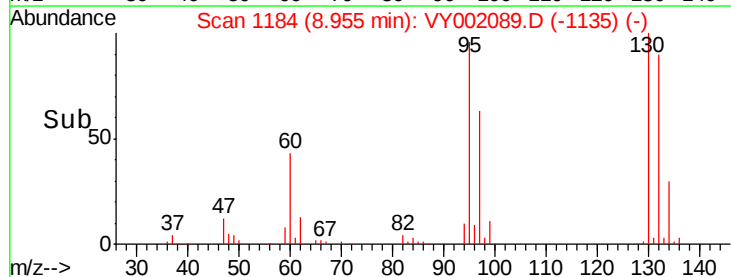
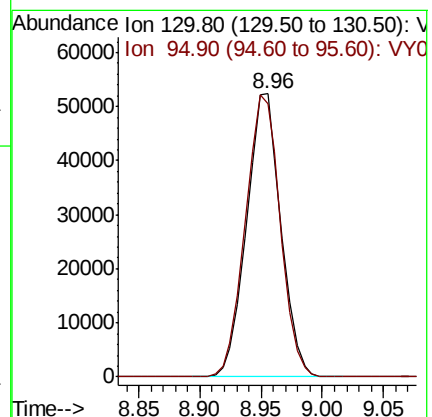
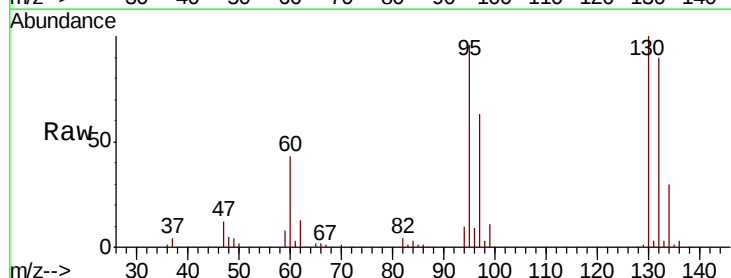
Acq: 26 Mar 2020 16:31

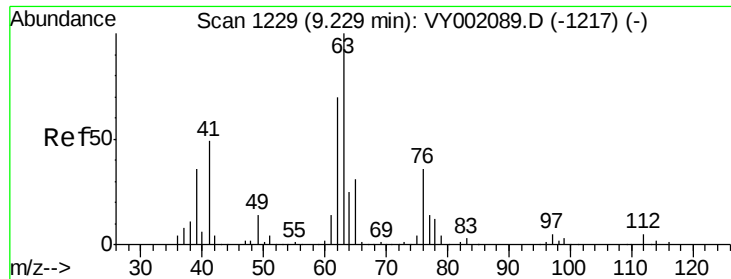
Tgt Ion:130 Resp: 102111

Ion Ratio Lower Upper

130 100

95 96.5 0.0 193.0

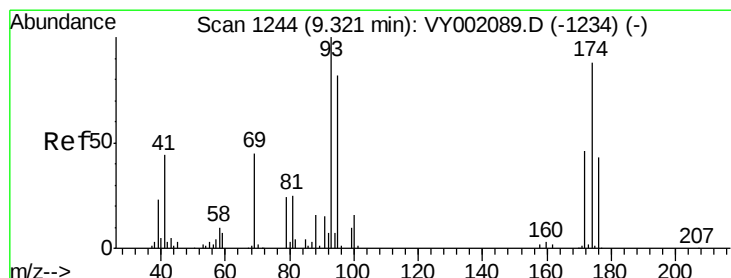
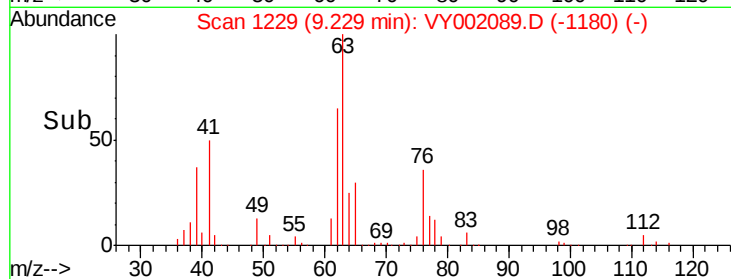
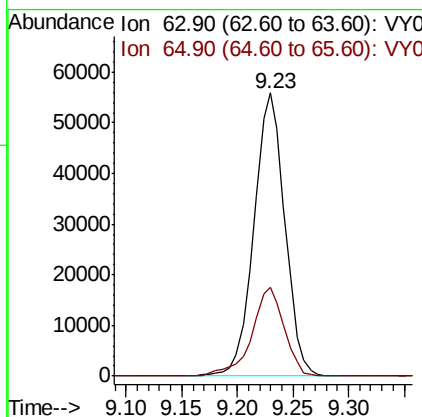
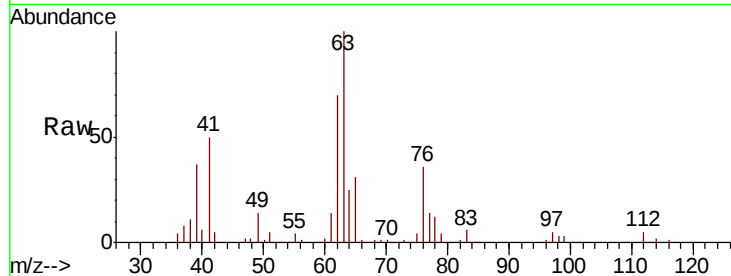




#45
 1,2-Dichloropropane
 Concen: 50.505 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002089.D
 Acq: 26 Mar 2020 16:31

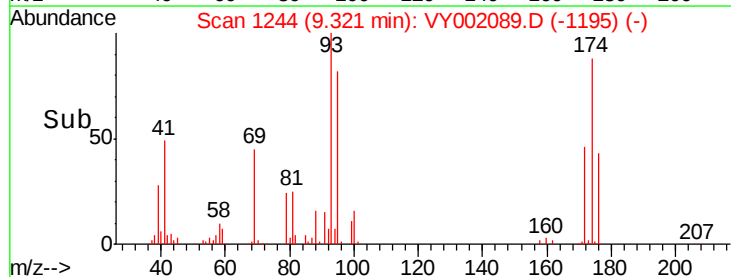
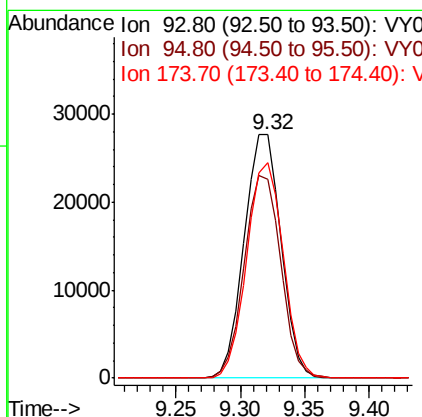
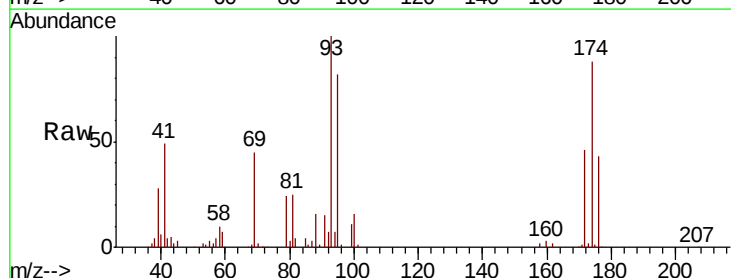
Instrument :
 MSVOA_Y
 ClientSampleId :

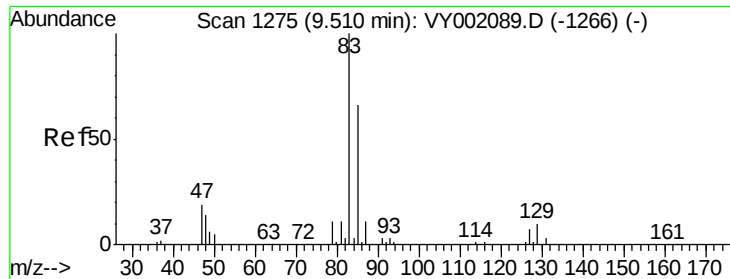
Tot Ion: 63 Resp: 107868
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 49.886 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY002089.D
 Acq: 26 Mar 2020 16:31

Tgt Ion: 93 Resp: 54904
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.0 99.0
 174 87.3 69.8 104.8

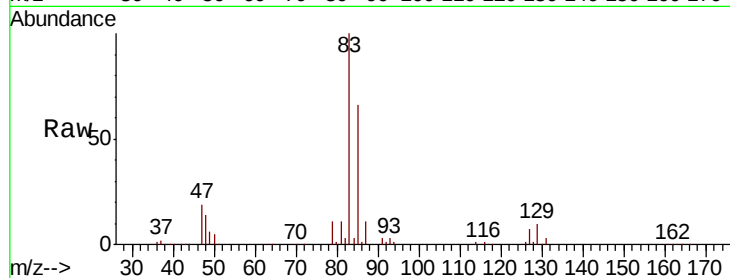




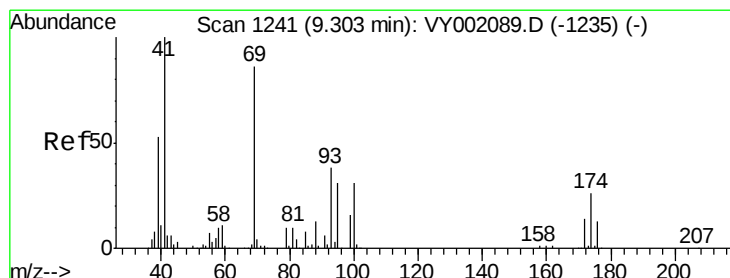
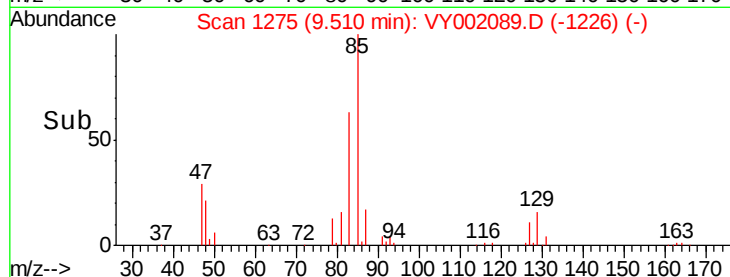
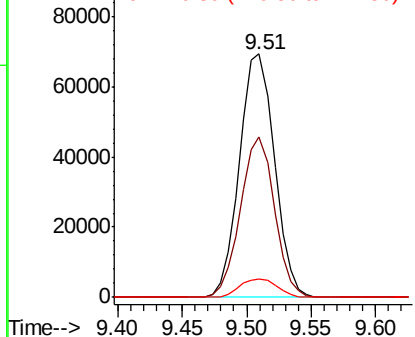
#47
Bromodichloromethane
Concen: 51.012 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 130747
Ion Ratio Lower Upper
83 100
85 65.8 52.6 79.0
127 7.4 5.9 8.9

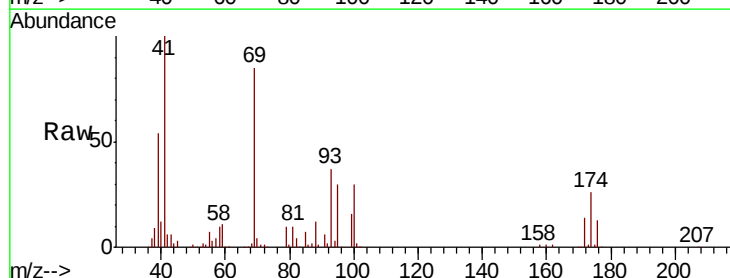


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

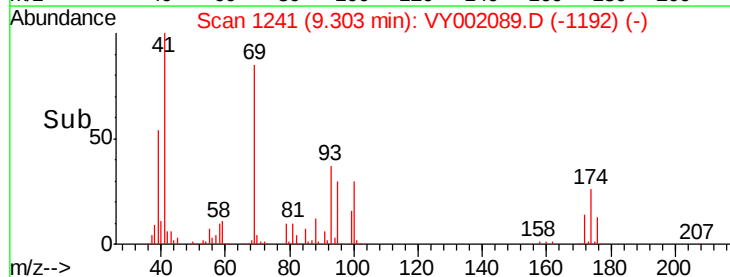
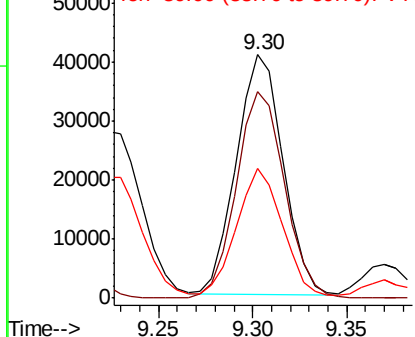


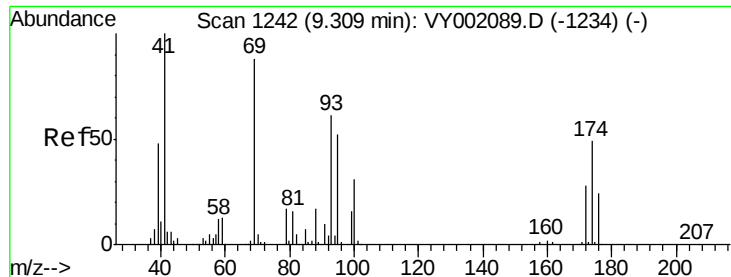
#48
Methyl methacrylate
Concen: 50.440 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion: 41 Resp: 69893
Ion Ratio Lower Upper
41 100
69 89.2 71.4 107.0
39 51.2 41.0 61.4



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

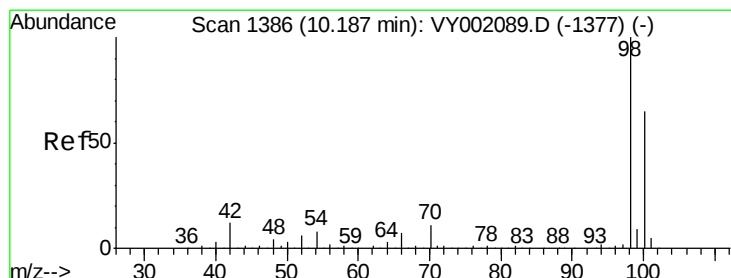
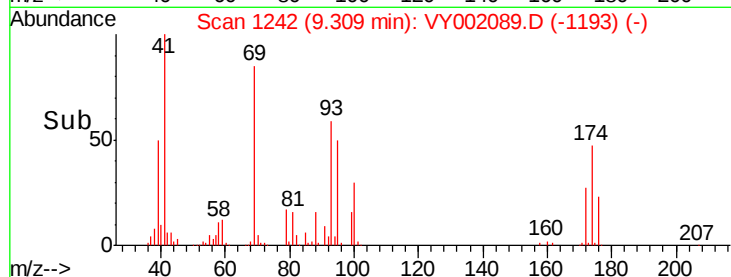
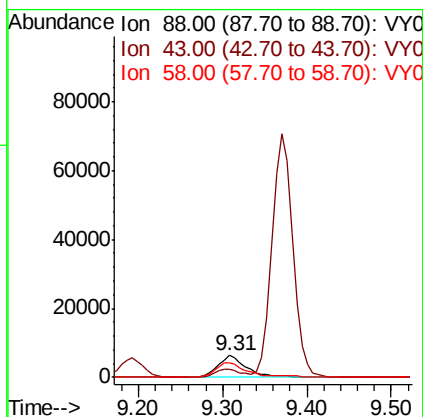
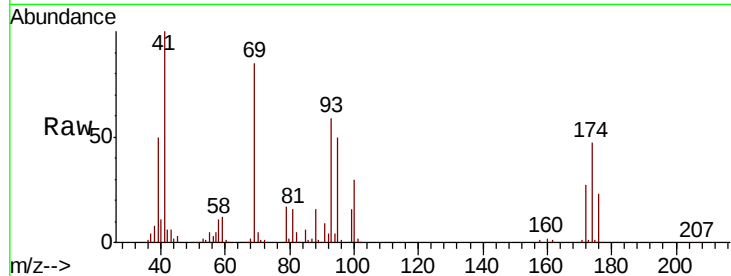




#49
1,4-Dioxane
Concen: 1001.360 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

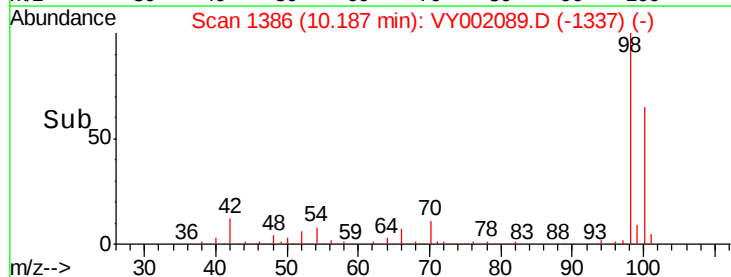
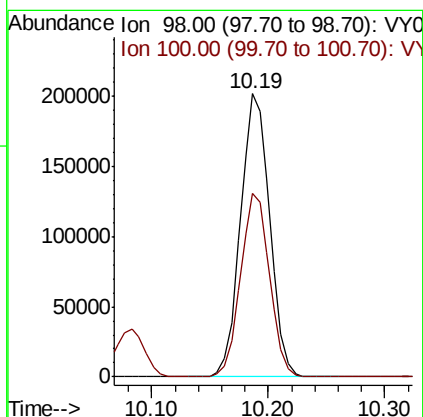
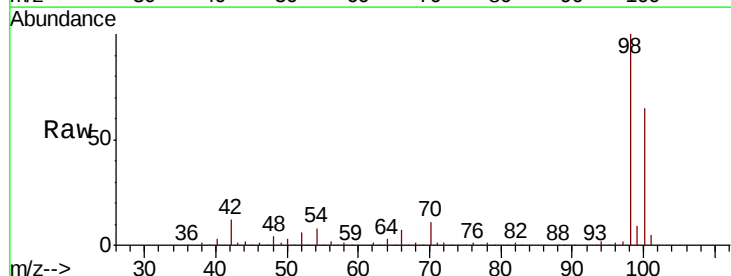
Instrument :
MSVOA_Y
ClientSampled :

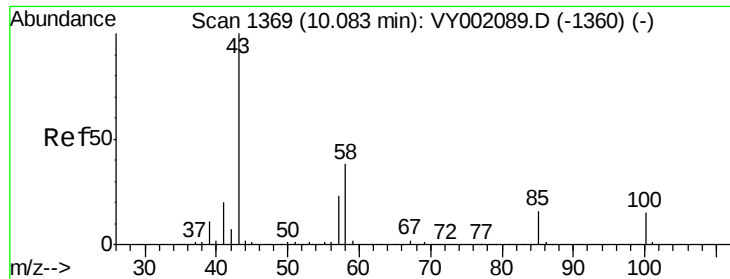
Tot Ion: 88 Resp: 15041
Ion Ratio Lower Upper
88 100
43 34.0 27.2 40.8
58 74.8 59.8 89.8



#50
Toluene-d8
Concen: 50.741 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion: 98 Resp: 351992
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

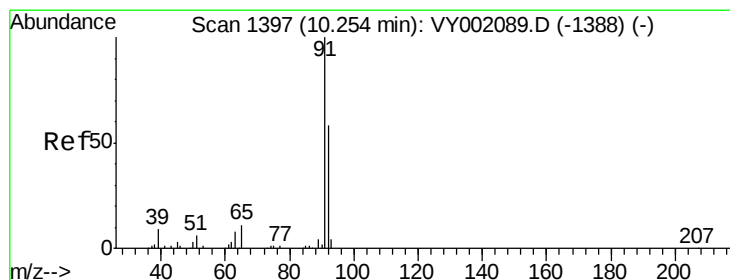
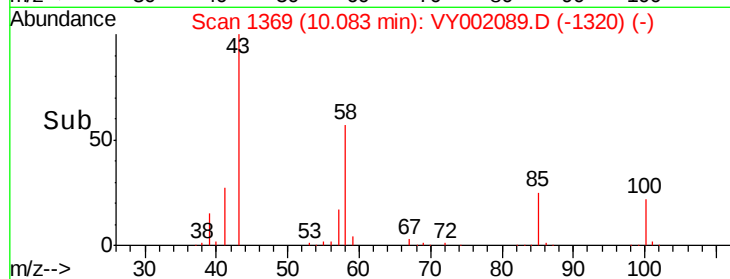
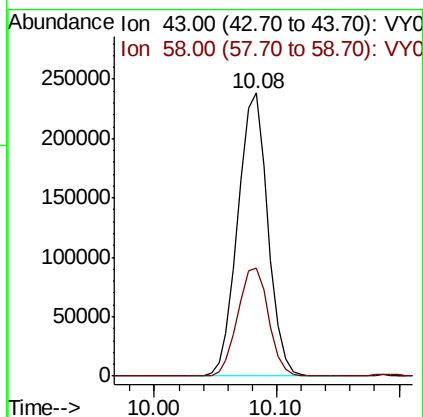
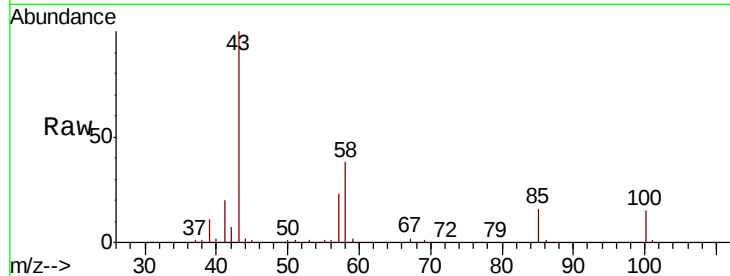




#51
4-Methyl-2-Pentanone
Concen: 249.972 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

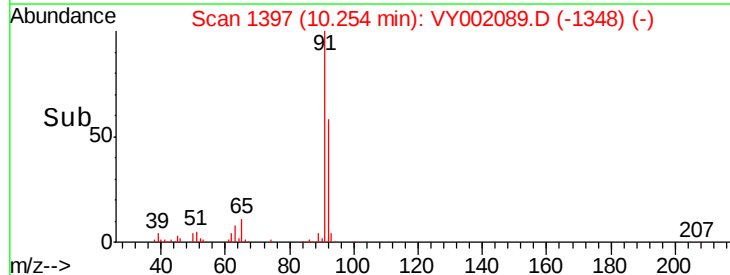
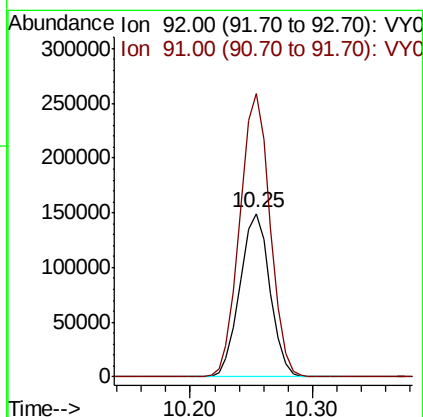
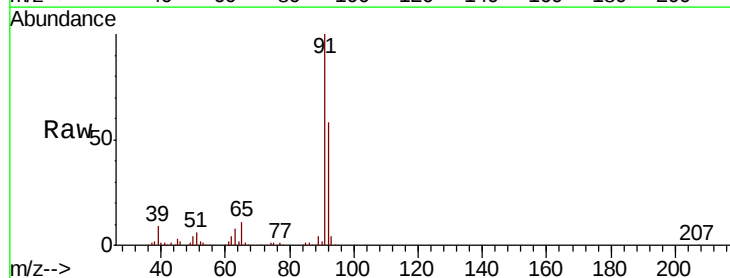
Instrument :
MSVOA_Y
ClientSampleId :

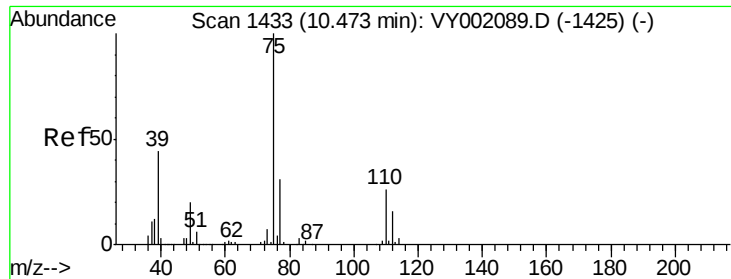
Tot Ion: 43 Resp: 404826
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4



#52
Toluene
Concen: 49.369 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion: 92 Resp: 254102
Ion Ratio Lower Upper
92 100
91 174.1 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 51.898 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

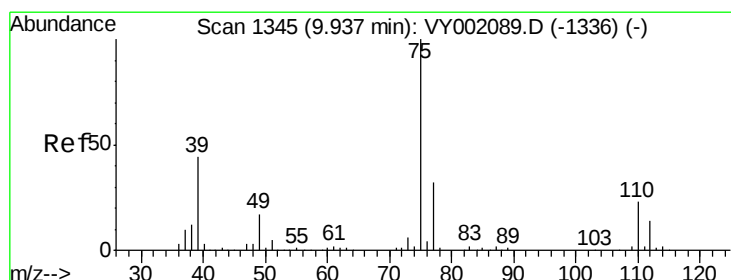
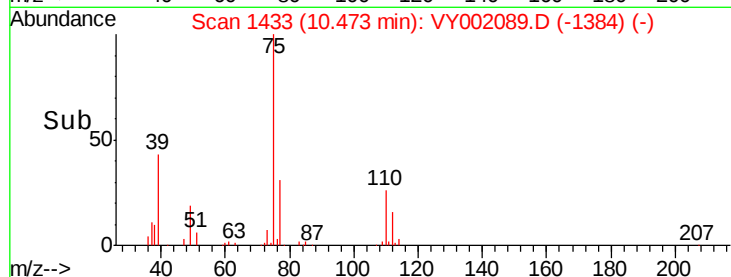
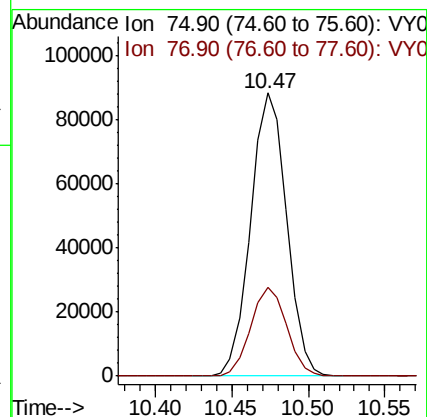
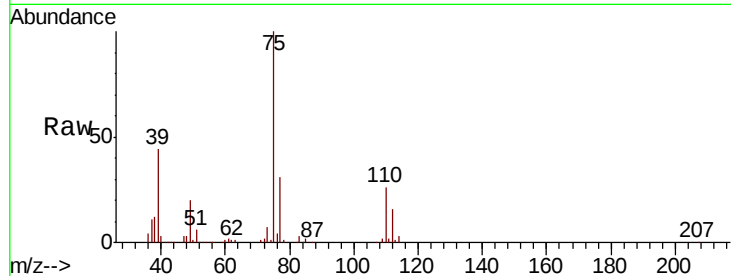
ClientSampleId :

Tot Ion: 75 Resp: 144785

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 51.247 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

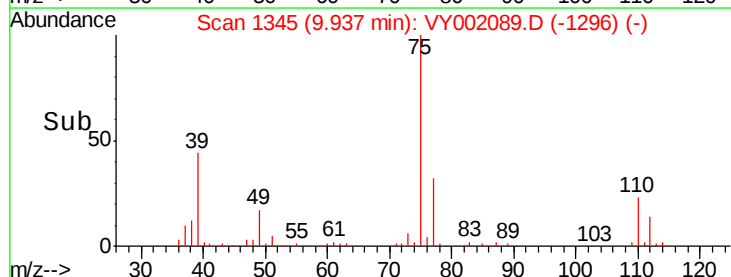
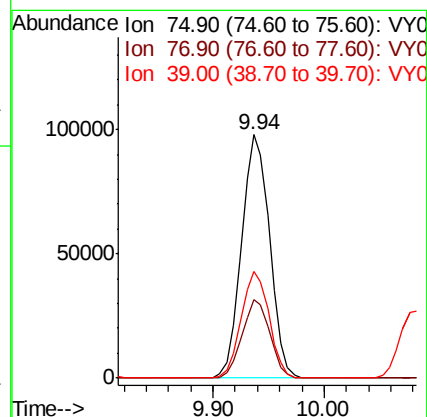
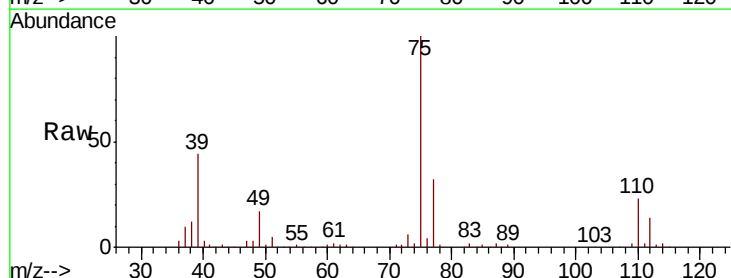
Tgt Ion: 75 Resp: 170198

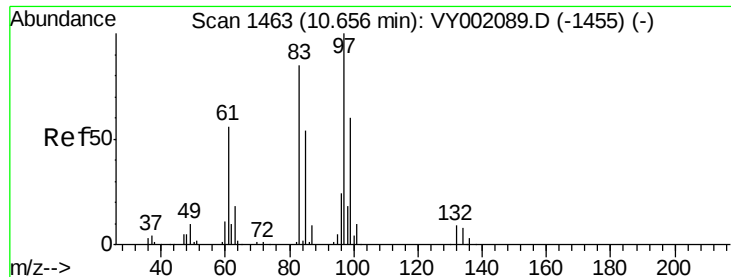
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

39 44.0 35.2 52.8

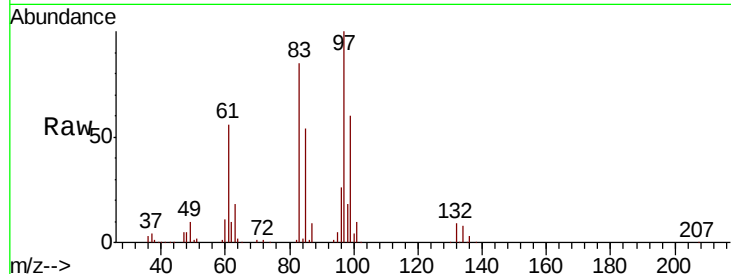




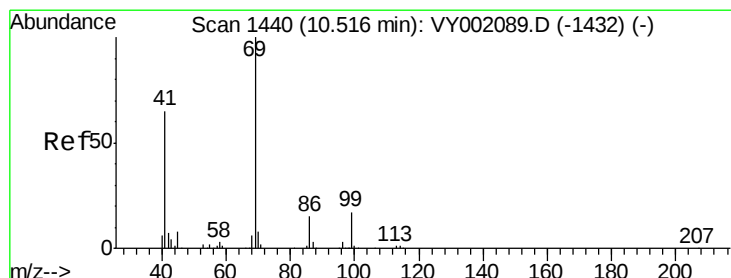
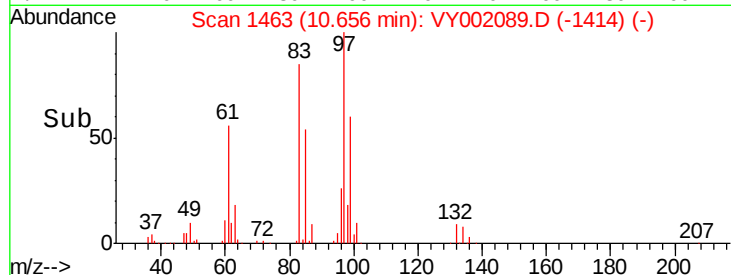
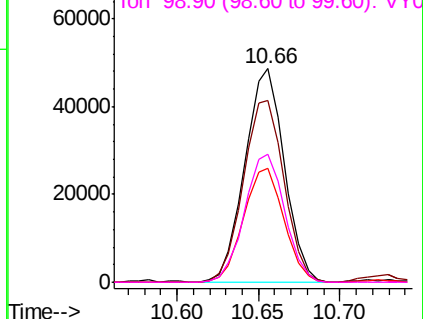
#55
 1,1,2-Trichloroethane
 Concen: 50.891 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002089.D
 Acq: 26 Mar 2020 16:31

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 82124
 Ion Ratio Lower Upper
 97 100
 83 85.2 68.2 102.2
 85 53.6 42.9 64.3
 99 59.9 47.9 71.9

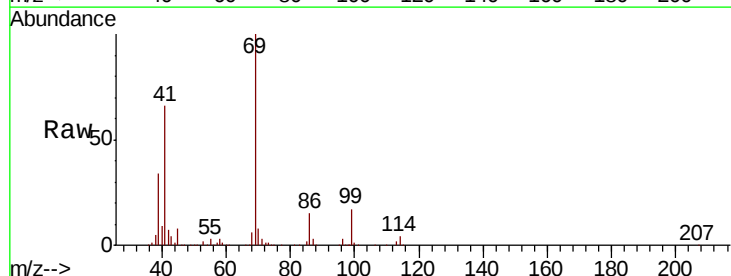


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

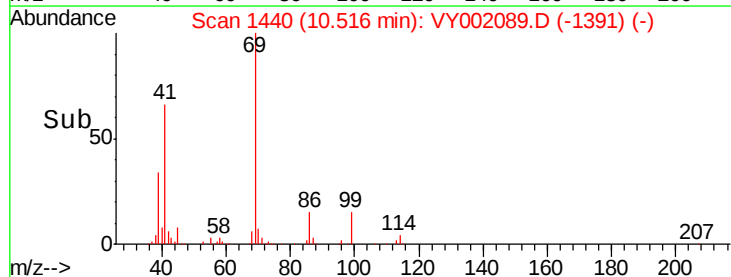
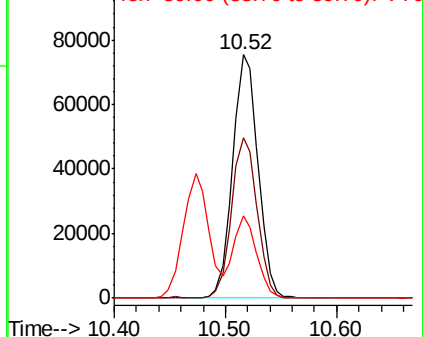


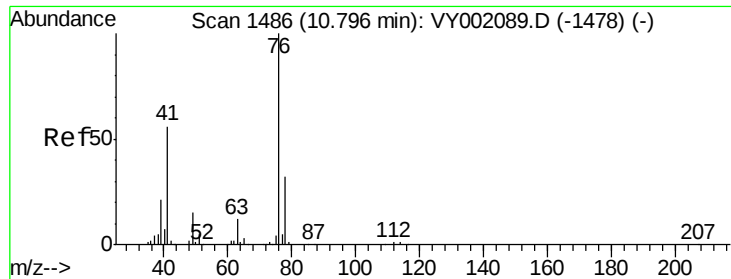
#56
 Ethyl methacrylate
 Concen: 50.660 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002089.D
 Acq: 26 Mar 2020 16:31

Tgt Ion: 69 Resp: 118923
 Ion Ratio Lower Upper
 69 100
 41 66.0 52.8 79.2
 39 31.3 25.0 37.6



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





#57

1,3-Dichloropropane

Concen: 50.038 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

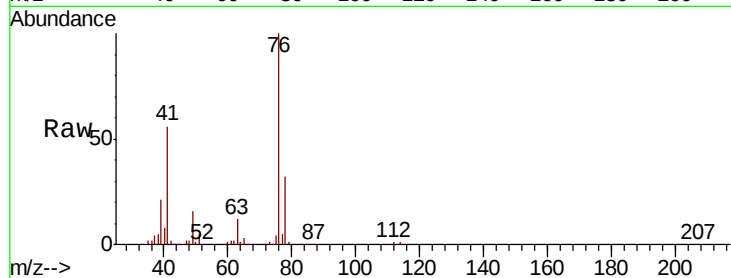
ClientSampleId :

Tot Ion: 76 Resp: 143771

Ion Ratio Lower Upper

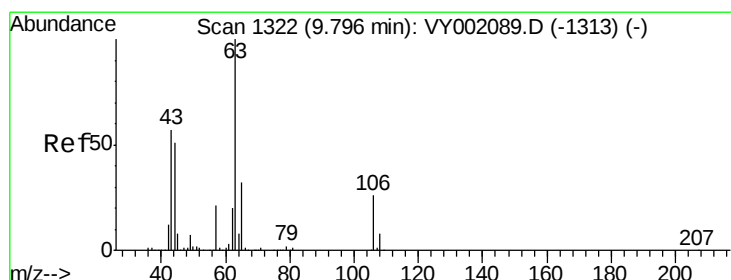
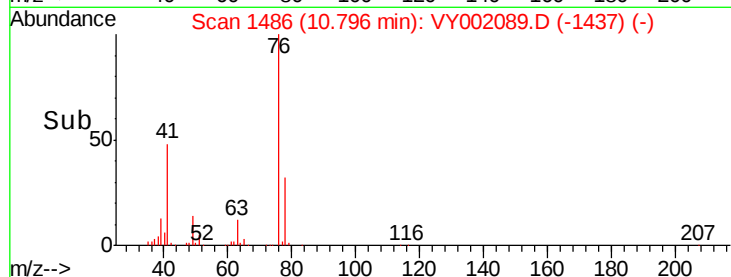
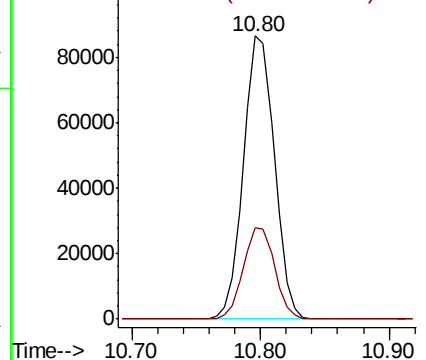
76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 299.005 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY002089.D

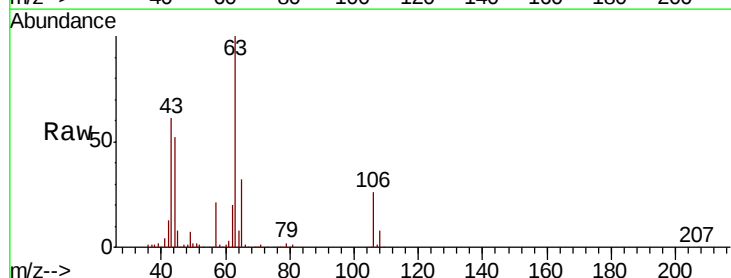
Acq: 26 Mar 2020 16:31

Tgt Ion: 63 Resp: 299272

Ion Ratio Lower Upper

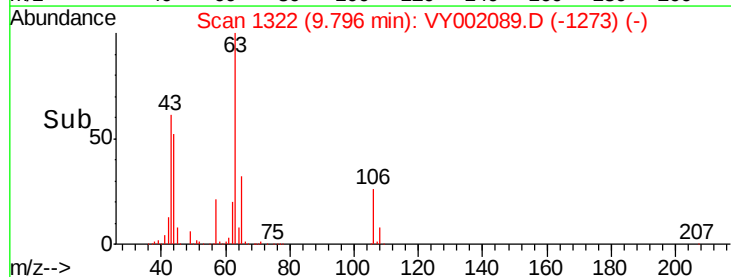
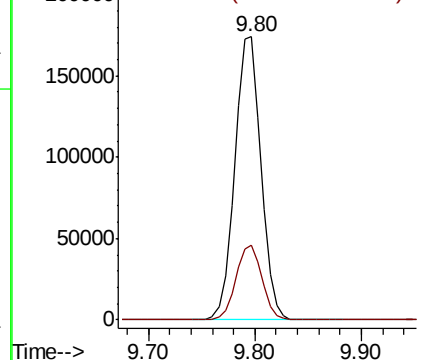
63 100

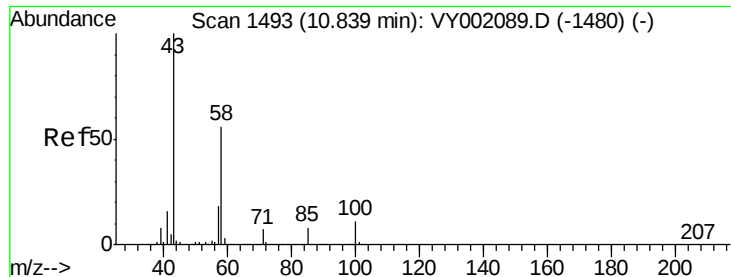
106 26.2 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

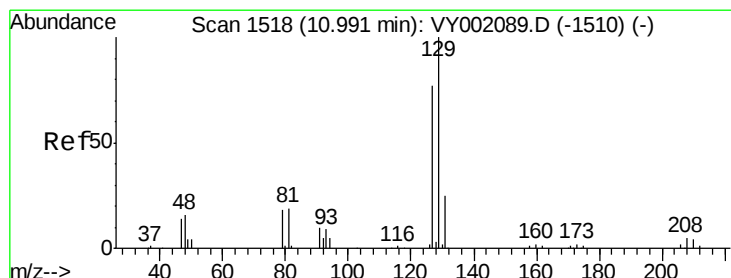
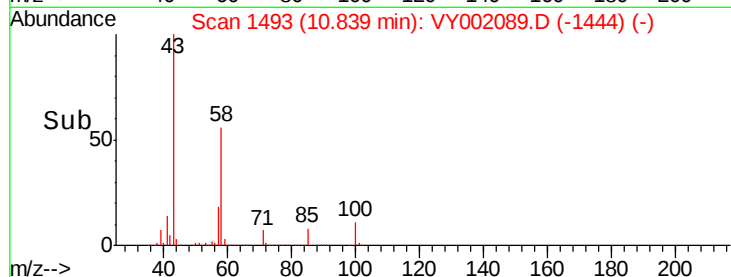
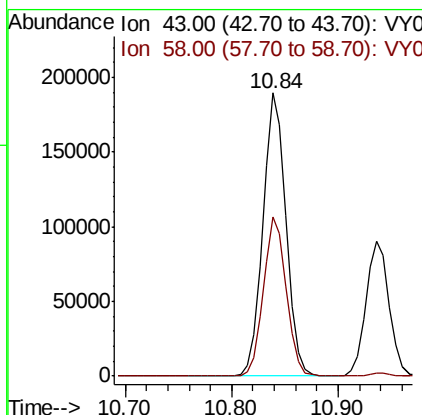
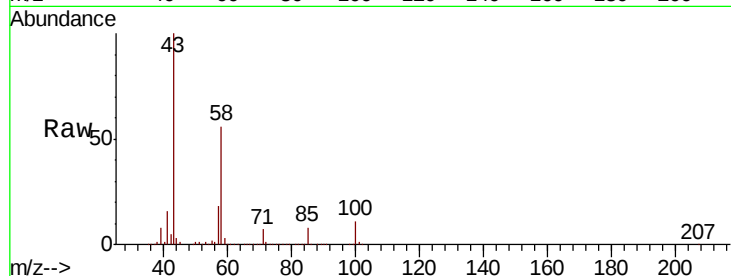




#59
2-Hexanone
Concen: 249.430 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

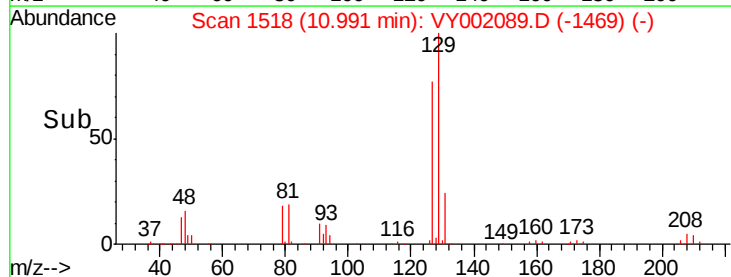
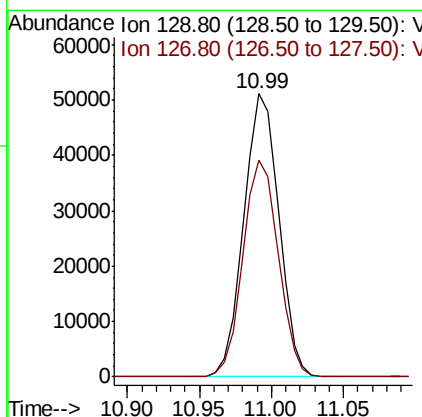
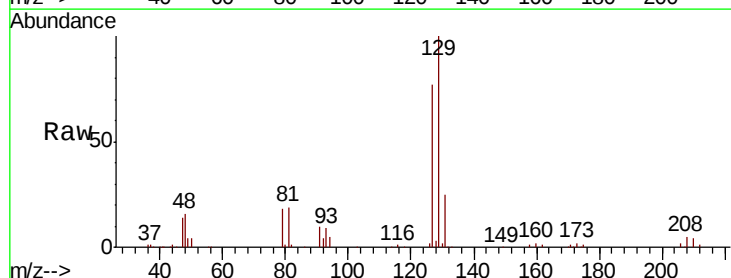
Instrument :
MSVOA_Y
ClientSampleId :

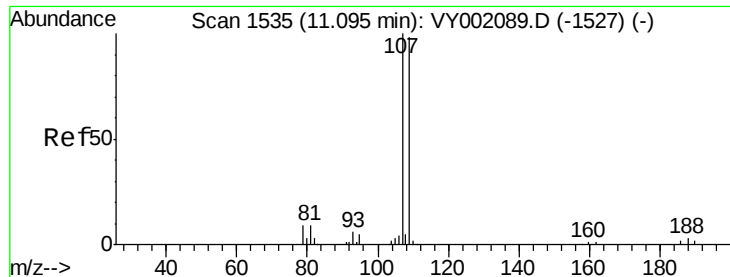
Tot Ion: 43 Resp: 287585
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6



#60
Dibromochloromethane
Concen: 50.908 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion: 129 Resp: 86163
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

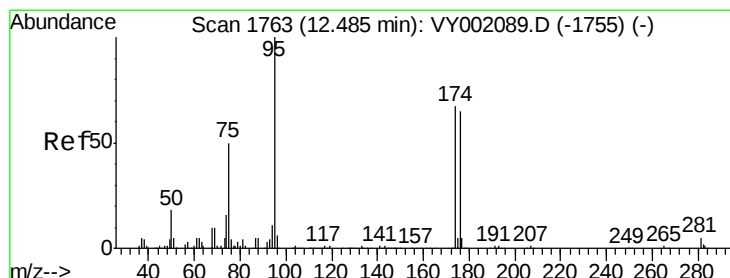
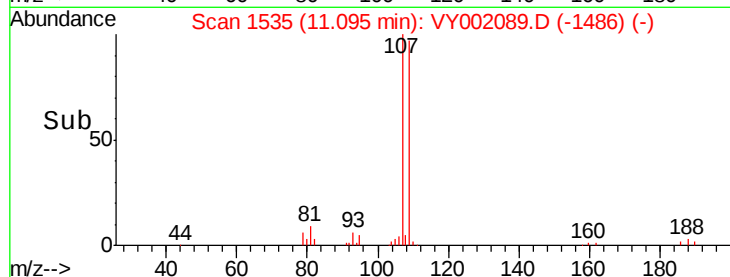
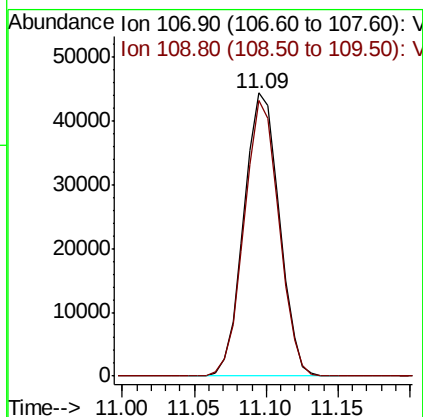
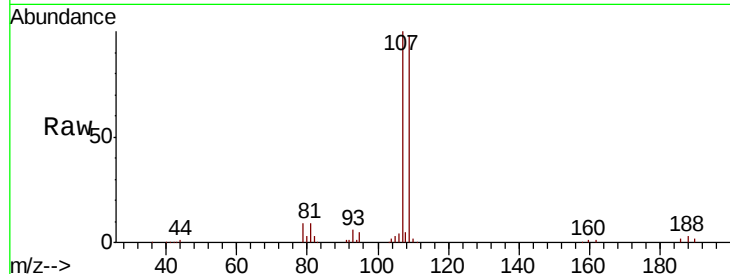




#61
 1,2-Dibromoethane
 Concen: 49.660 ug/l
 RT: 11.09 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002089.D
 Acq: 26 Mar 2020 16:31

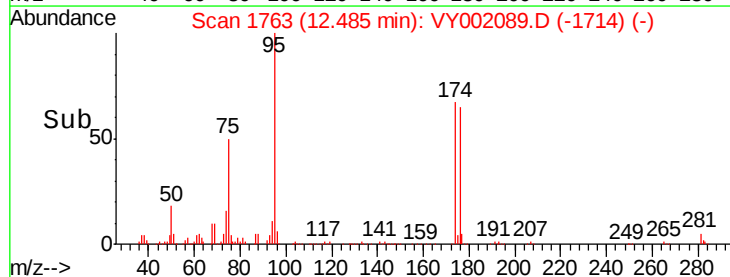
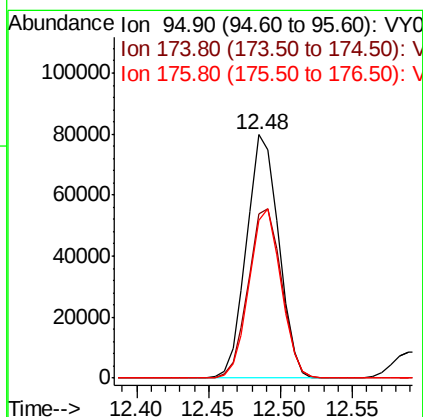
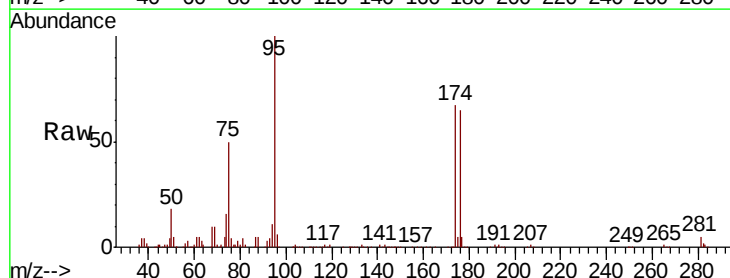
Instrument :
 MSVOA_Y
 ClientSampleId :

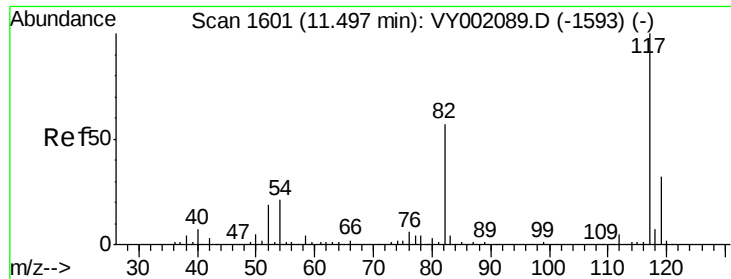
Tot Ion: 107 Resp: 75714
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 51.209 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002089.D
 Acq: 26 Mar 2020 16:31

Tgt Ion: 95 Resp: 123815
 Ion Ratio Lower Upper
 95 100
 174 71.7 0.0 143.4
 176 68.5 0.0 137.0

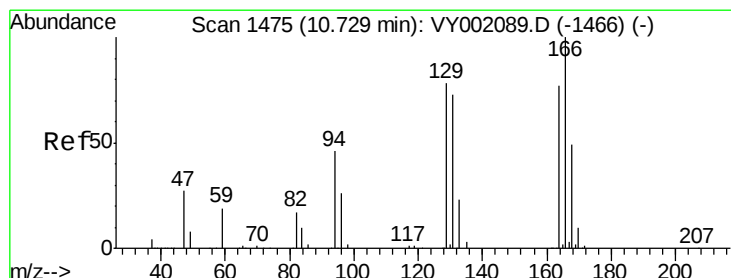
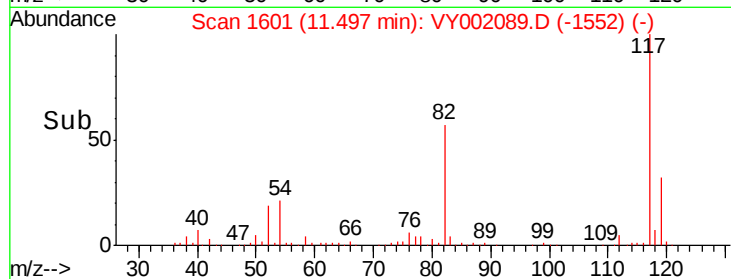
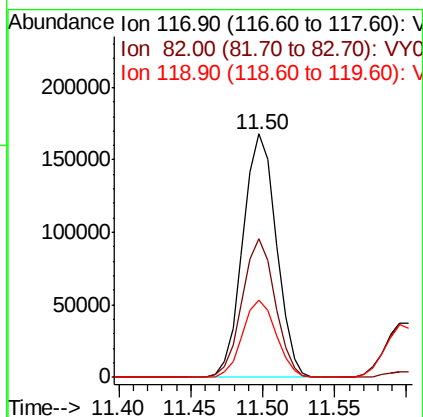
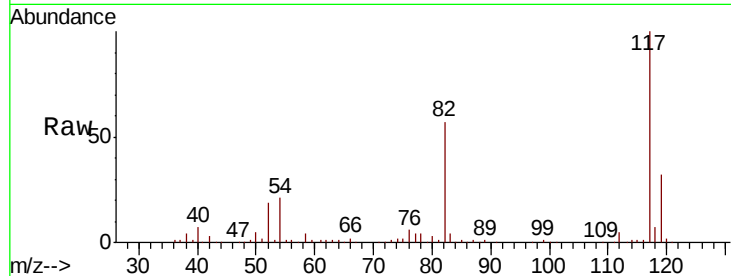




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

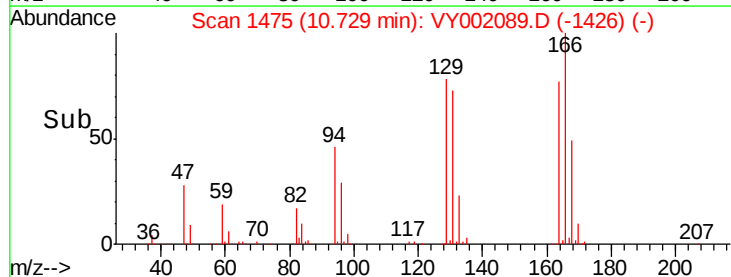
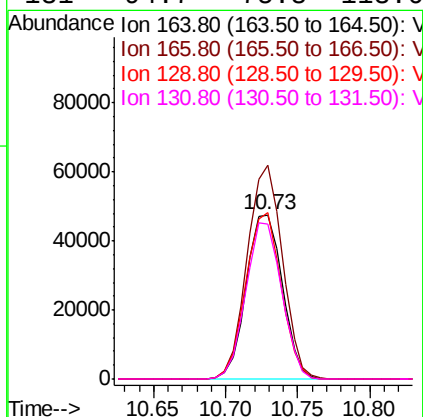
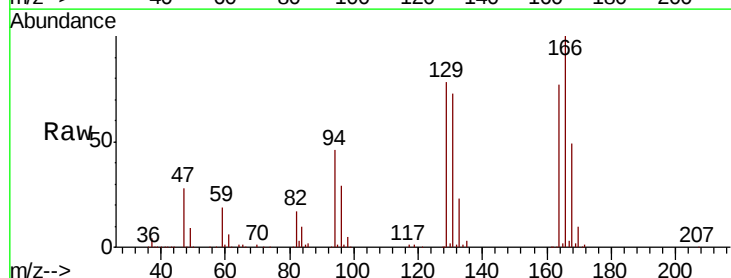
Instrument :
MSVOA_Y
ClientSampleId :

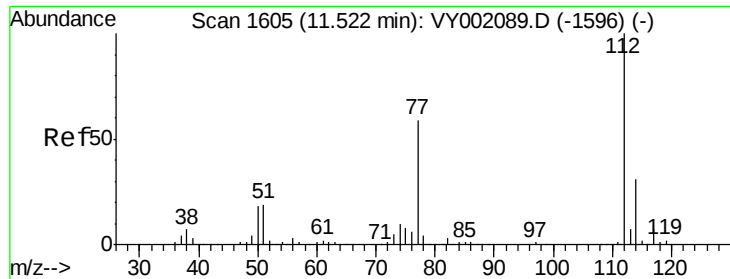
Tot Ion:117 Resp: 270722
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 48.874 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion:164 Resp: 82635
Ion Ratio Lower Upper
164 100
166 130.0 104.0 156.0
129 101.5 81.2 121.8
131 94.7 75.8 113.6

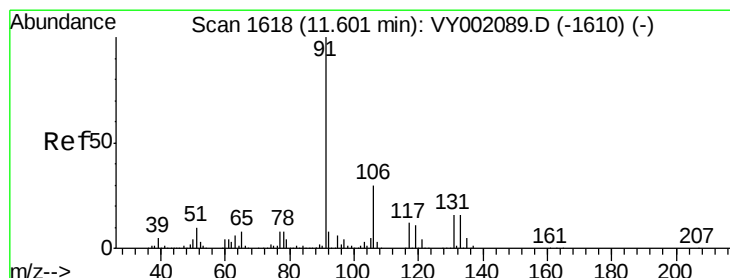
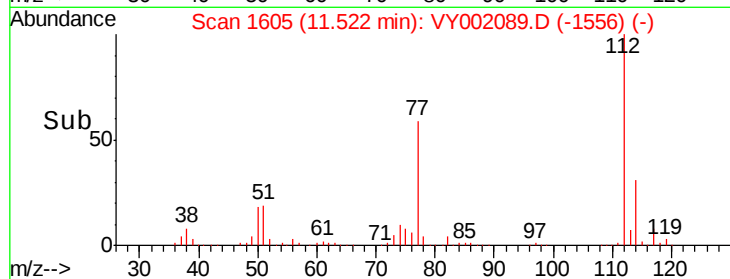
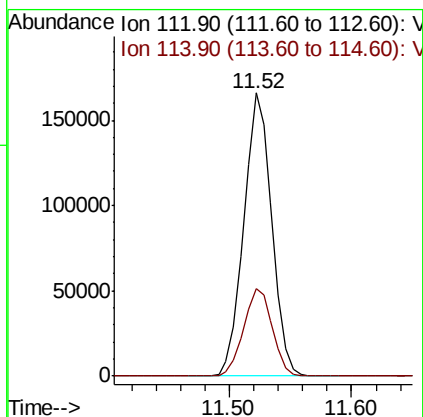
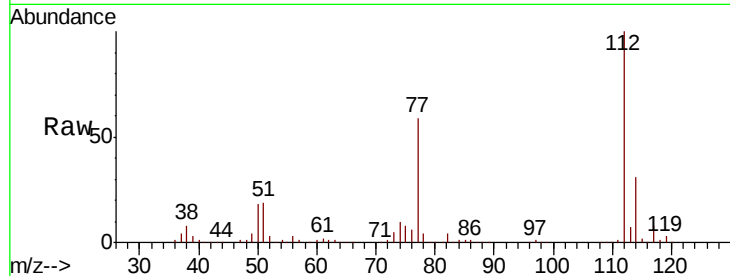




#65
Chlorobenzene
Concen: 49.091 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

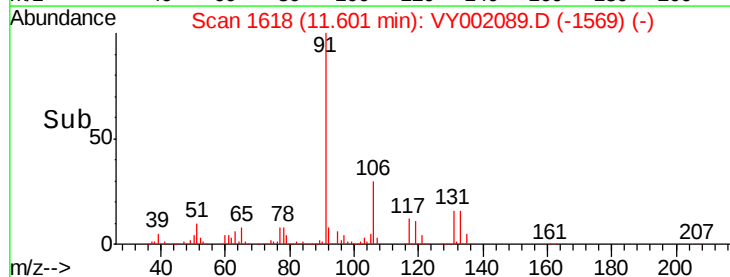
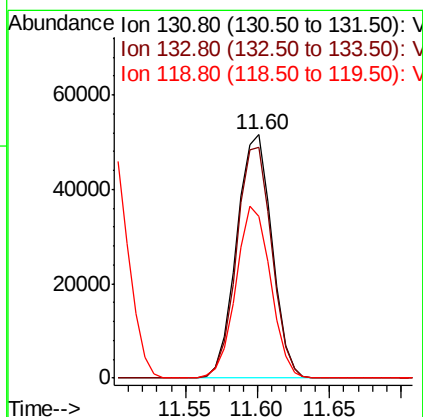
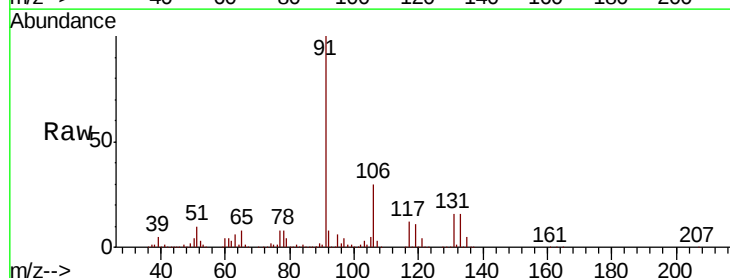
Instrument :
MSVOA_Y
ClientSampleId :

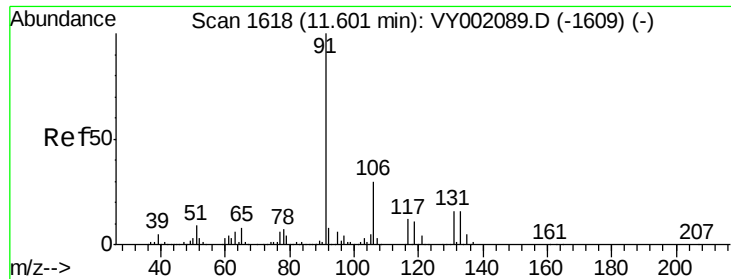
Tot Ion:112 Resp: 262108
Ion Ratio Lower Upper
112 100
114 31.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.118 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion:131 Resp: 87893
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 69.3 34.6 103.9

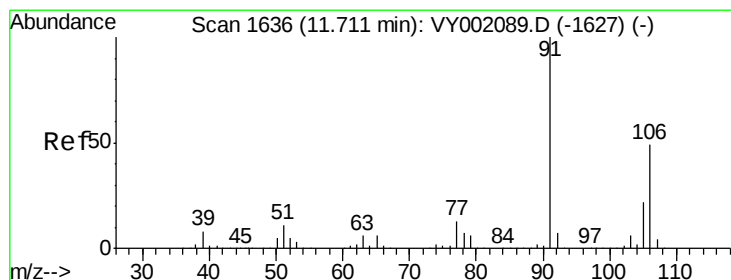
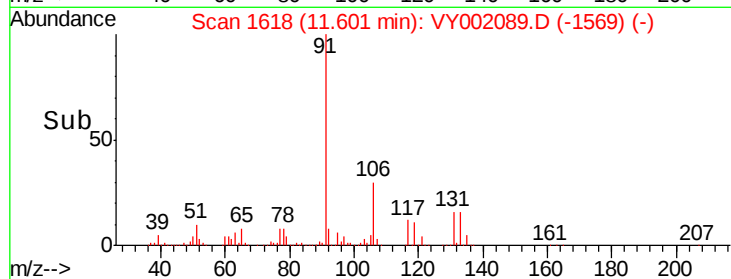
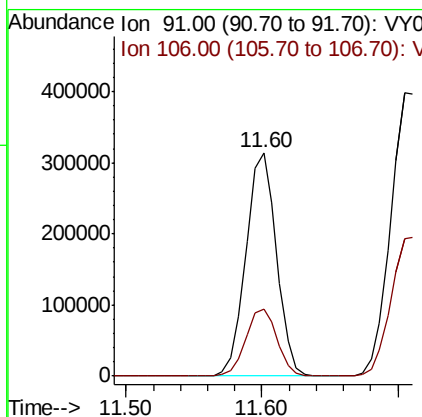
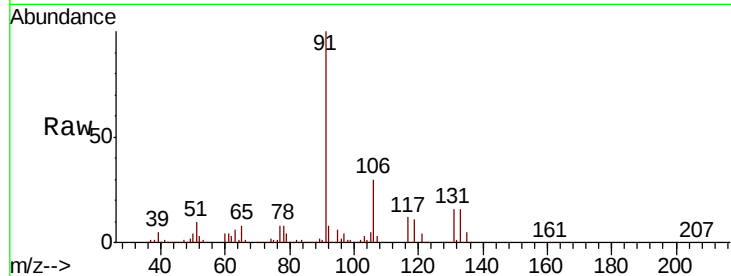




#67
Ethyl Benzene
Concen: 49.533 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

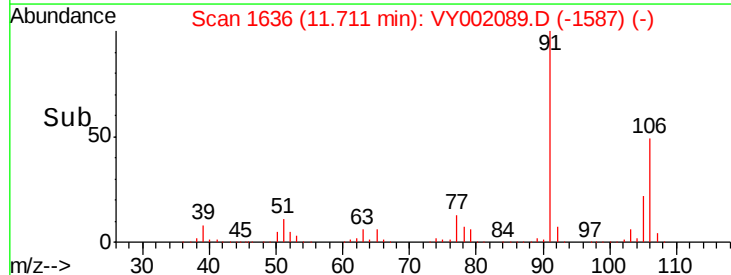
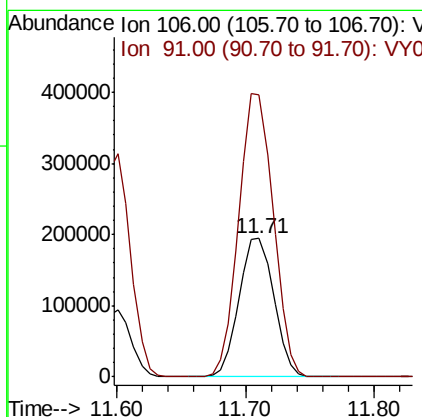
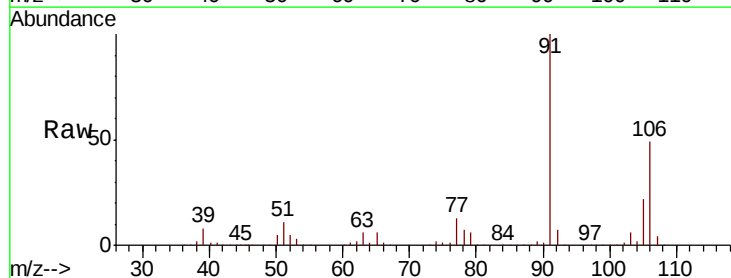
Instrument :
MSVOA_Y
ClientSampled :

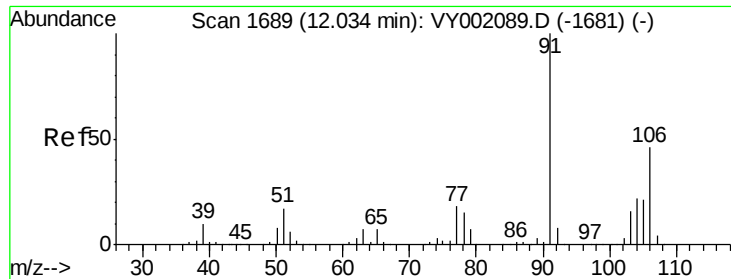
Tot Ion: 91 Resp: 494034
Ion Ratio Lower Upper
91 100
106 30.1 24.1 36.1



#68
m/p-Xylenes
Concen: 99.074 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion: 106 Resp: 364693
Ion Ratio Lower Upper
106 100
91 203.5 162.8 244.2

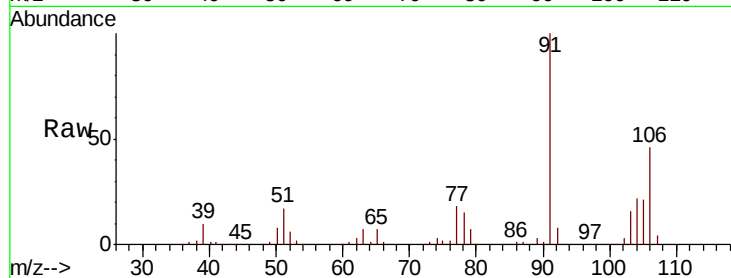




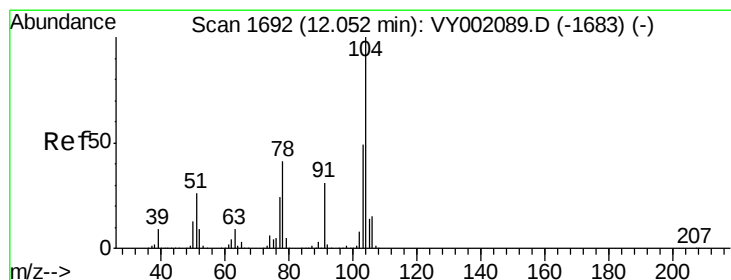
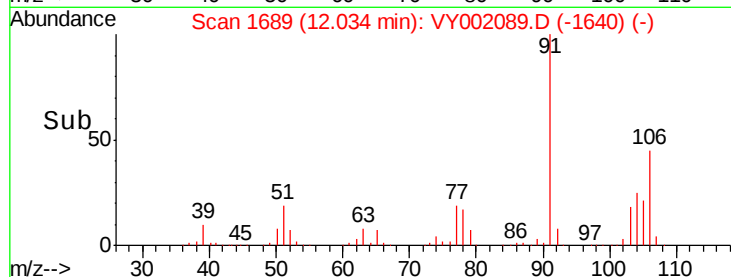
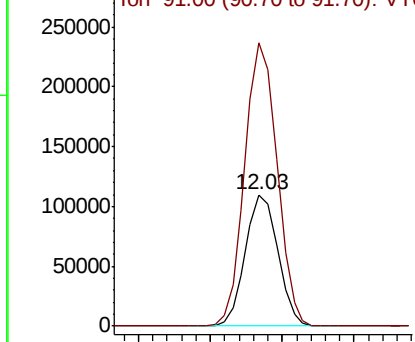
#69
o-Xylene
Concen: 49.541 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 172043
Ion Ratio Lower Upper
106 100
91 214.5 107.3 321.8

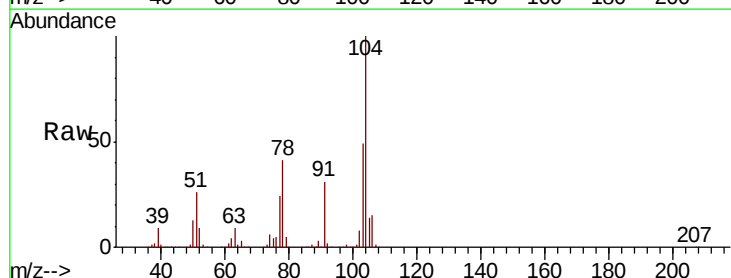


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

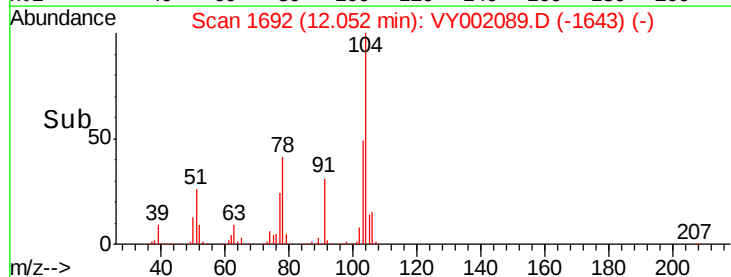
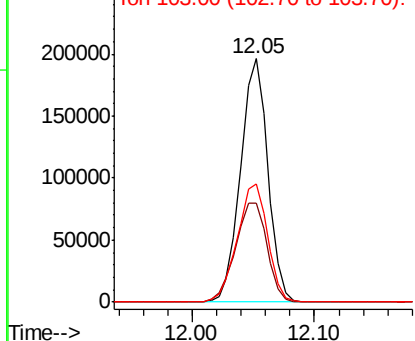


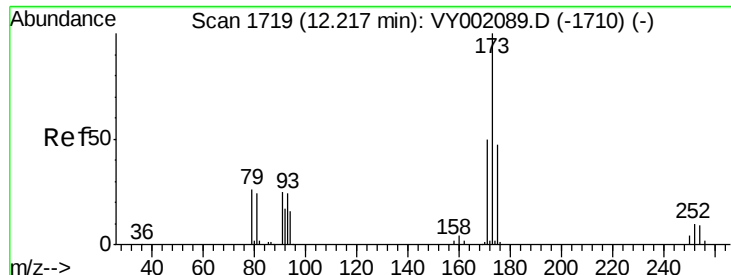
#70
Styrene
Concen: 51.011 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion:104 Resp: 303629
Ion Ratio Lower Upper
104 100
78 47.4 37.9 56.9
103 54.0 43.2 64.8



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

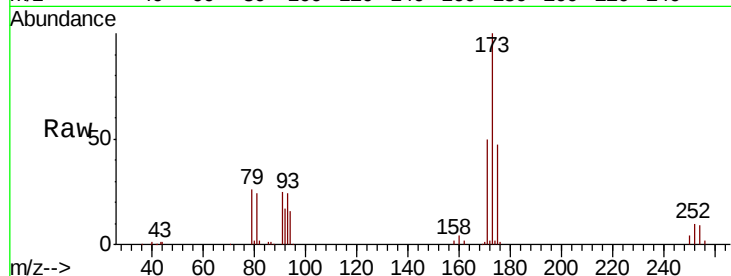




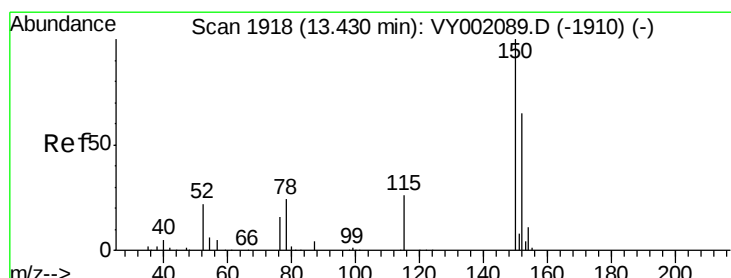
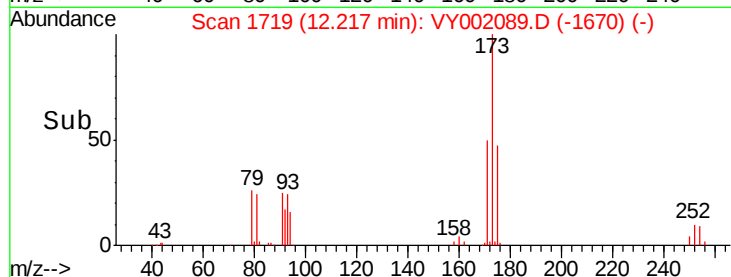
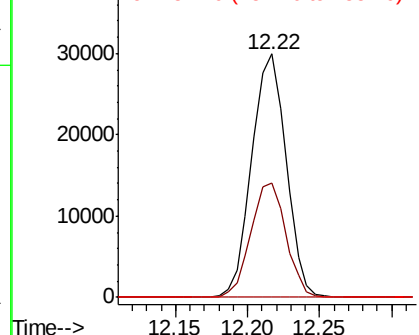
#71
Bromoform
Concen: 52.035 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 49404
Ion Ratio Lower Upper
173 100
175 47.9 23.9 71.8
254 0.0 0.0 0.0

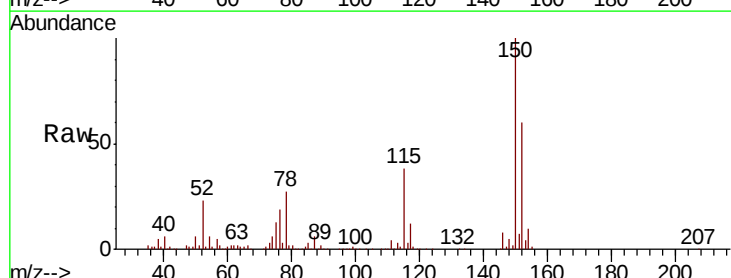


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

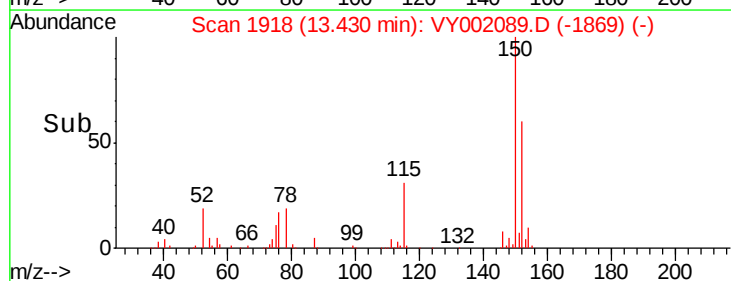
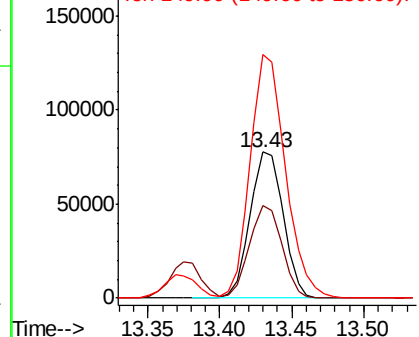


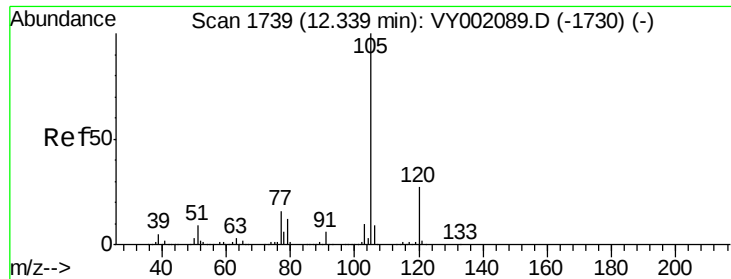
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion:152 Resp: 123192
Ion Ratio Lower Upper
152 100
115 62.4 31.2 93.6
150 177.4 0.0 354.8



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: 49.847 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

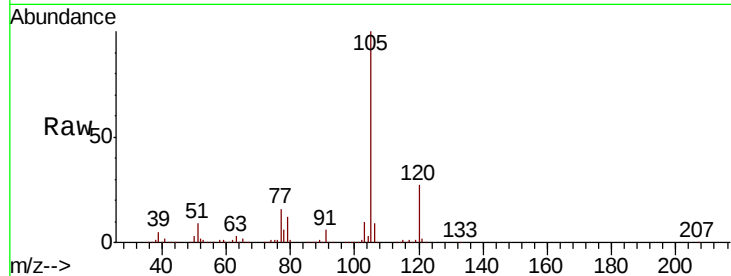
ClientSampleId :

Tot Ion:105 Resp: 467373

Ion Ratio Lower Upper

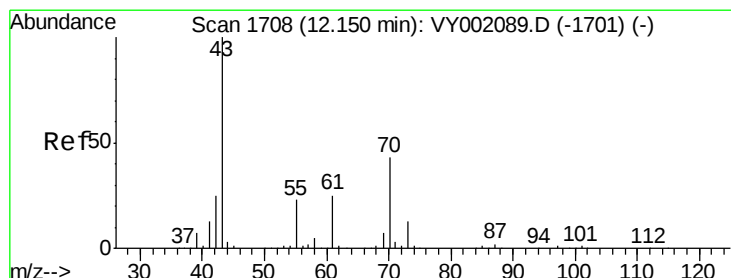
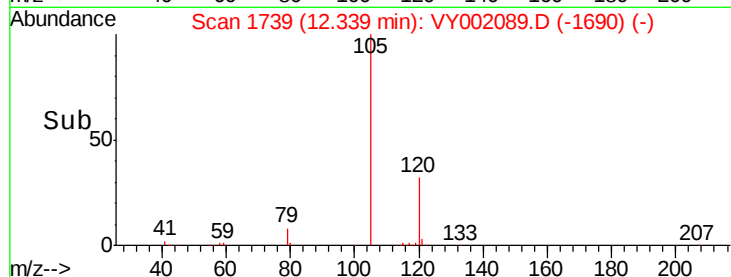
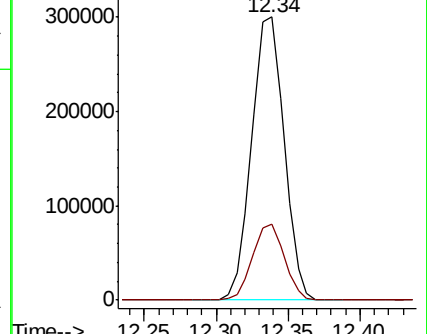
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.380 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Tgt Ion: 43 Resp: 145076

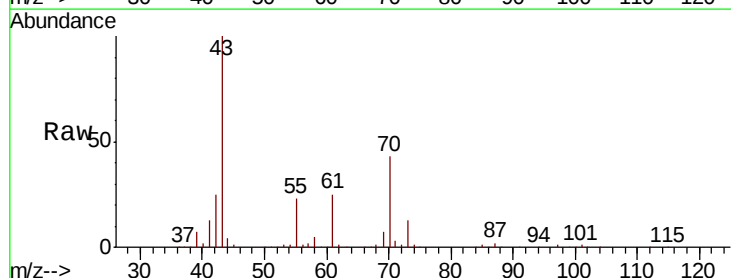
Ion Ratio Lower Upper

43 100

70 43.7 35.0 52.4

55 23.4 18.7 28.1

61 25.2 20.2 30.2

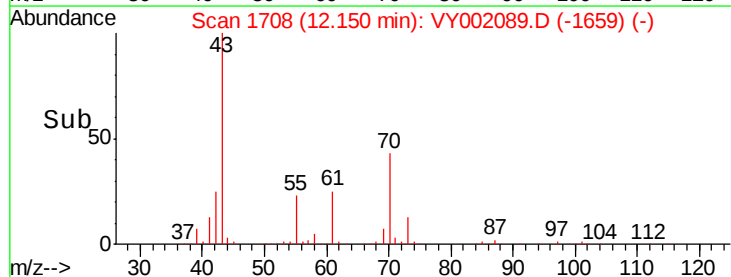
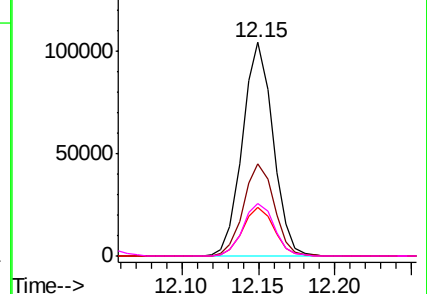


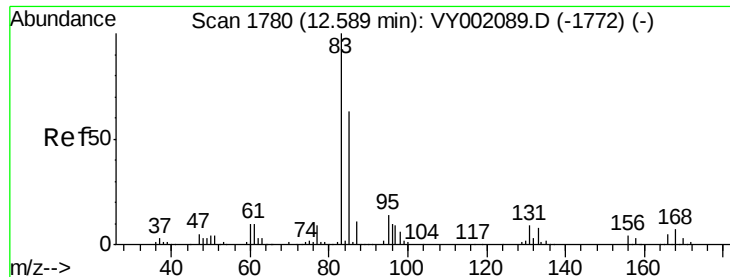
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.269 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

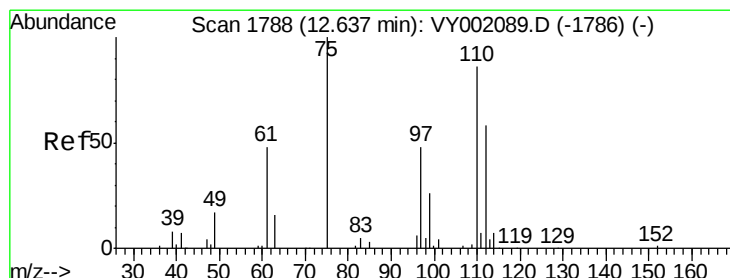
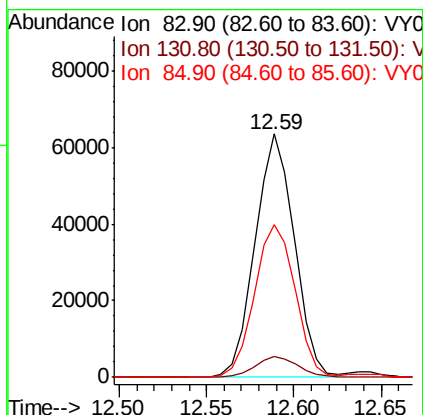
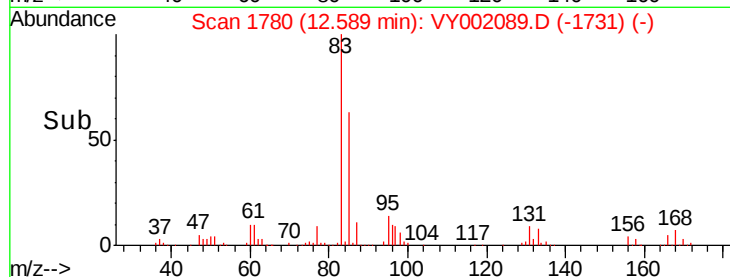
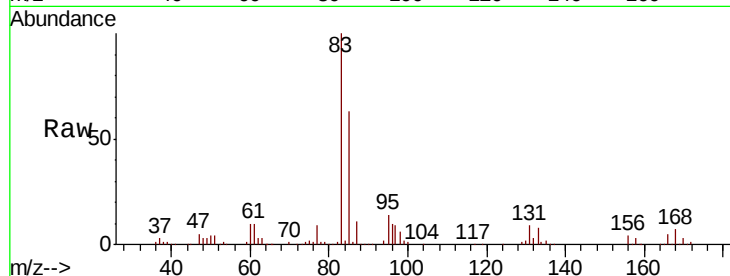
Tot Ion: 83 Resp: 99330

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

85 64.7 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 87.800 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002089.D

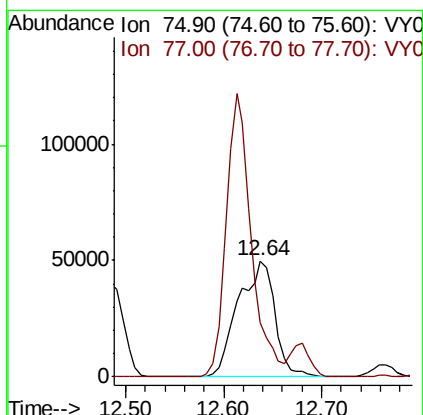
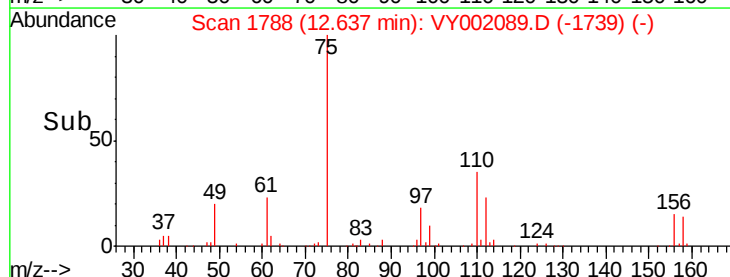
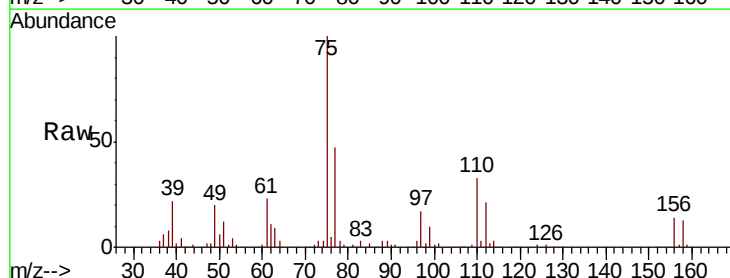
Acq: 26 Mar 2020 16:31

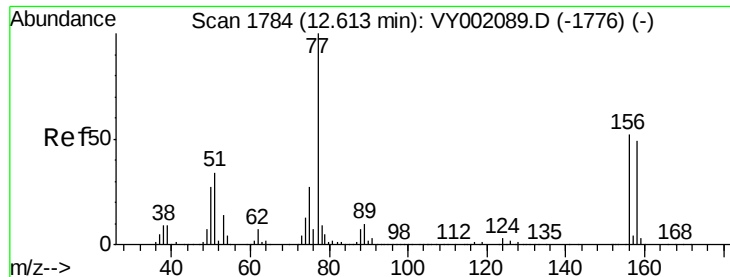
Tgt Ion: 75 Resp: 129649

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.195 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

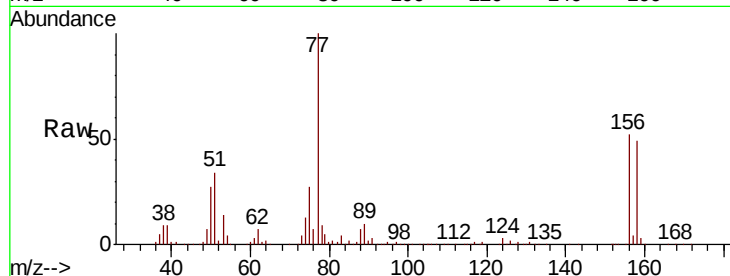
Tot Ion:156 Resp: 100107

Ion Ratio Lower Upper

156 100

77 215.7 107.8 323.6

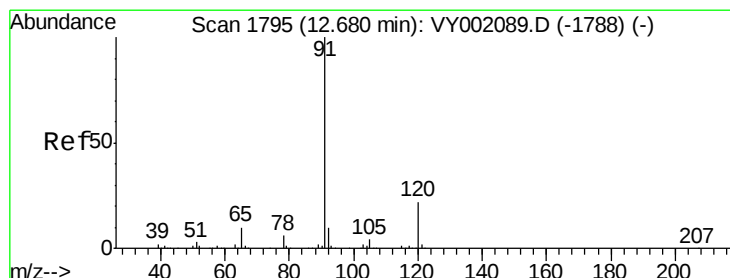
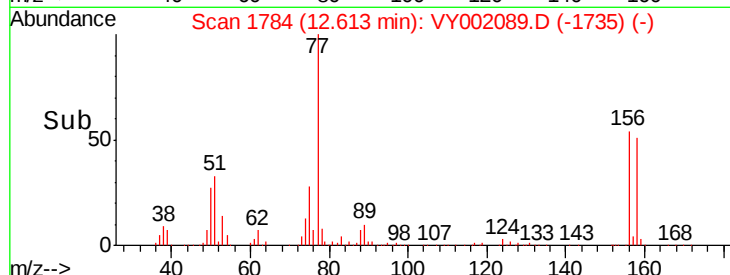
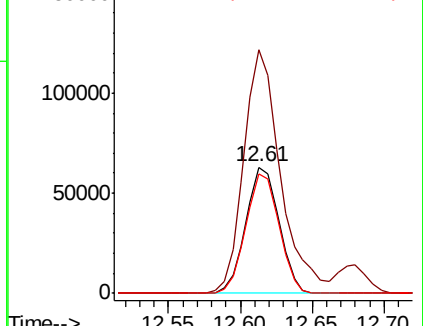
158 95.1 47.5 142.6



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: 49.992 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002089.D

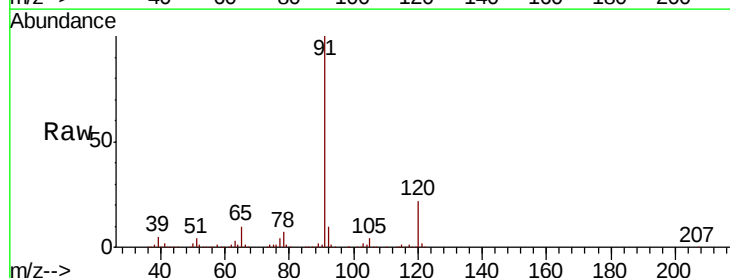
Acq: 26 Mar 2020 16:31

Tgt Ion: 91 Resp: 578943

Ion Ratio Lower Upper

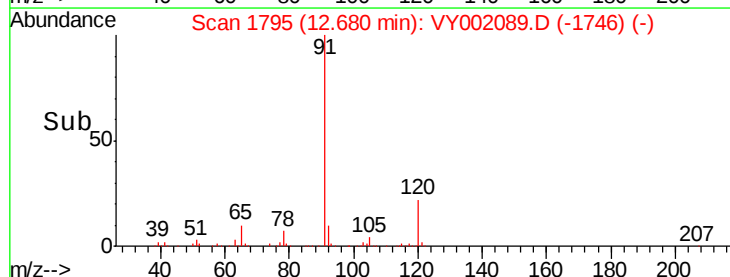
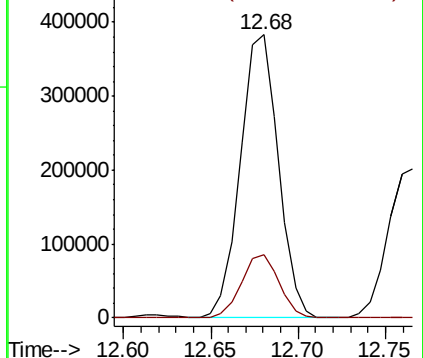
91 100

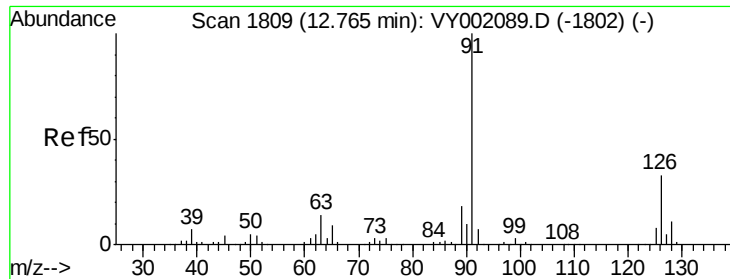
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

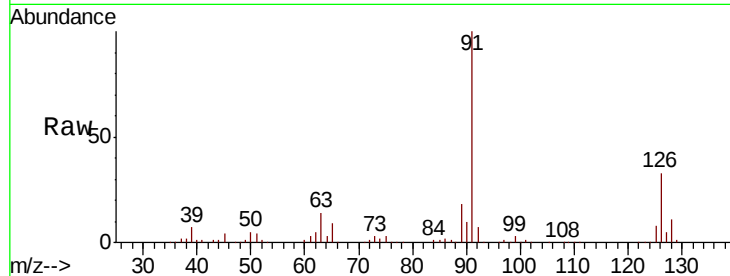




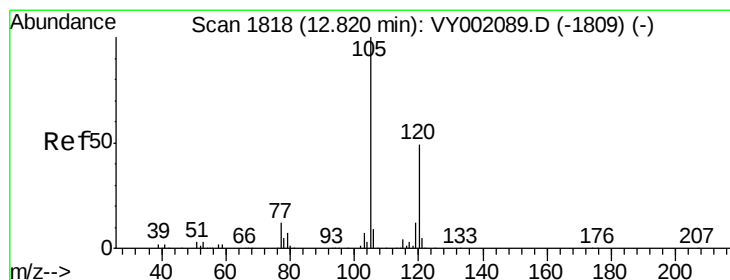
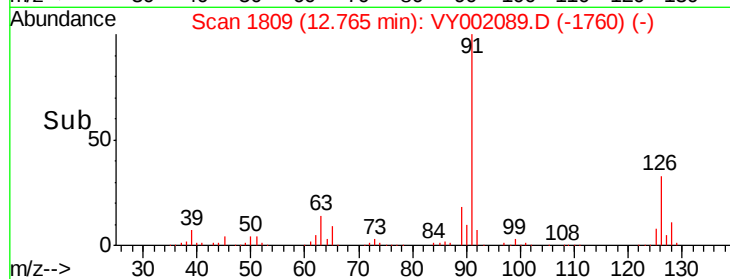
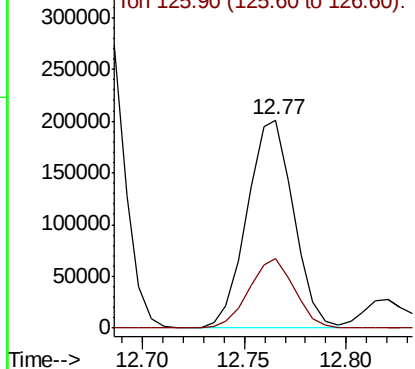
#79
 2-Chlorotoluene
 Concen: 49.923 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002089.D
 Acq: 26 Mar 2020 16:31

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 91 Resp: 319297
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.1

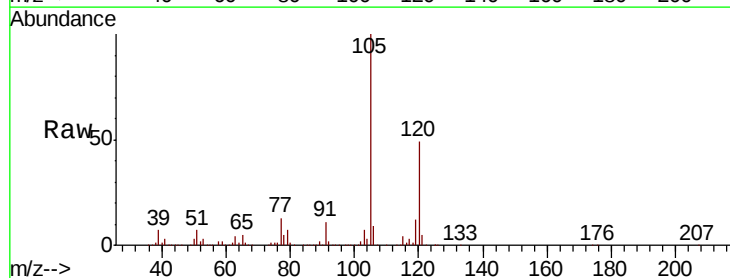


Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1802) (-)
 Ion 125.90 (125.60 to 126.60): VY002089.D (-1802) (-)

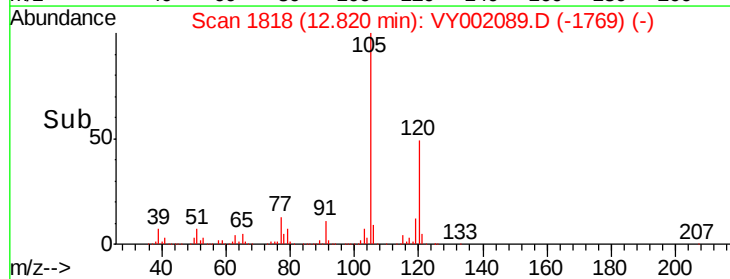
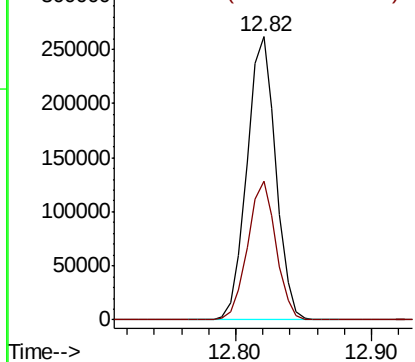


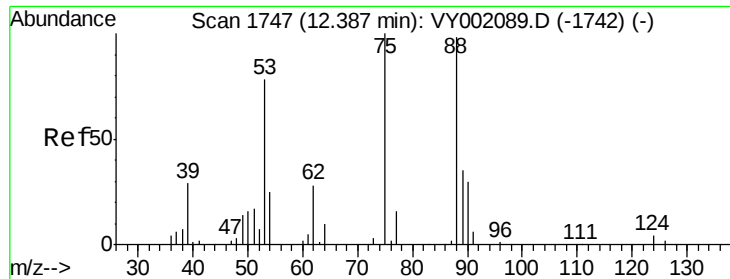
#80
 1,3,5-Trimethylbenzene
 Concen: 50.234 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002089.D
 Acq: 26 Mar 2020 16:31

Tgt Ion: 105 Resp: 388720
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VY002089.D (-1809) (-)
 Ion 120.00 (119.70 to 120.70): VY002089.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.726 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

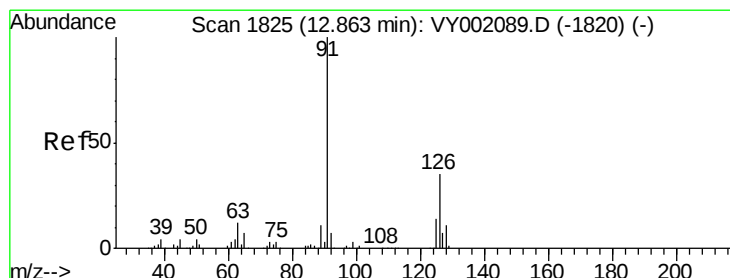
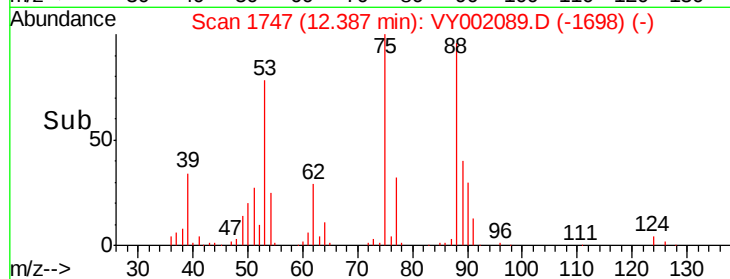
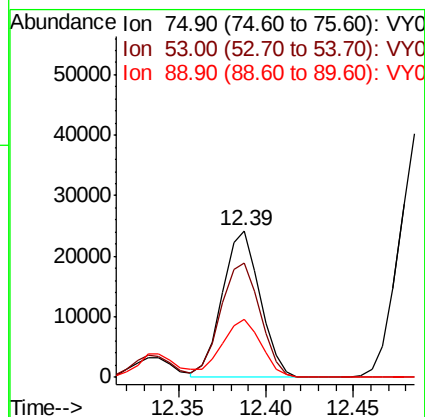
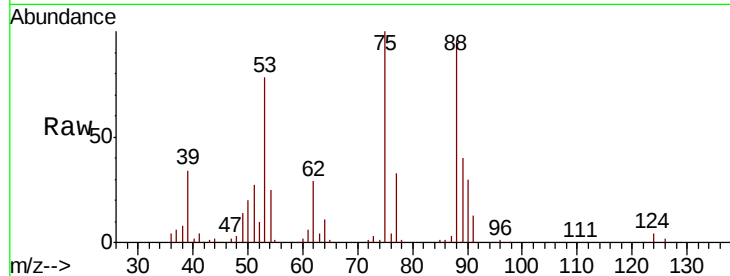
Tot Ion: 75 Resp: 36515

Ion Ratio Lower Upper

75 100

53 81.2 65.0 97.4

89 41.7 33.4 50.0



#82

4-Chlorotoluene

Concen: 50.207 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002089.D

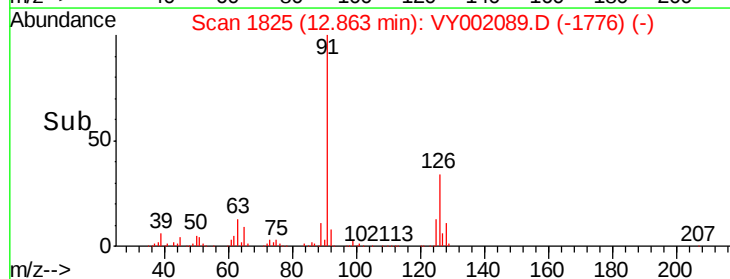
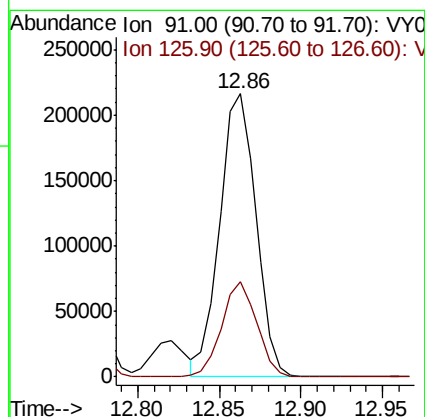
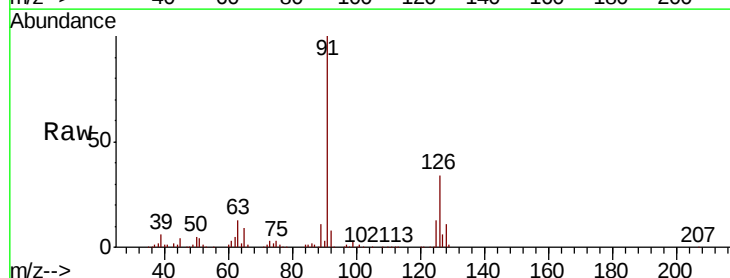
Acq: 26 Mar 2020 16:31

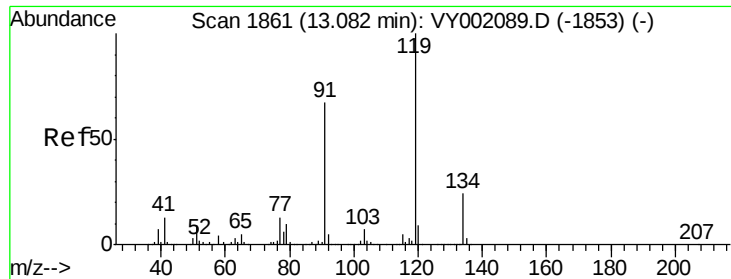
Tgt Ion: 91 Resp: 334808

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.9

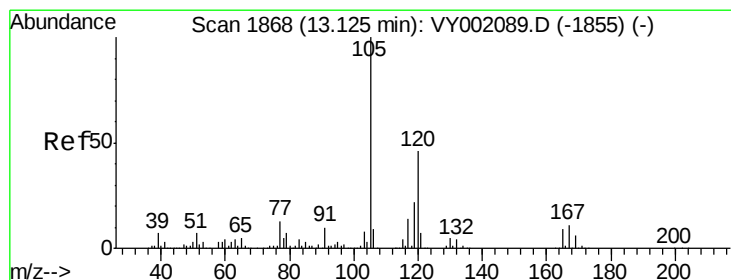
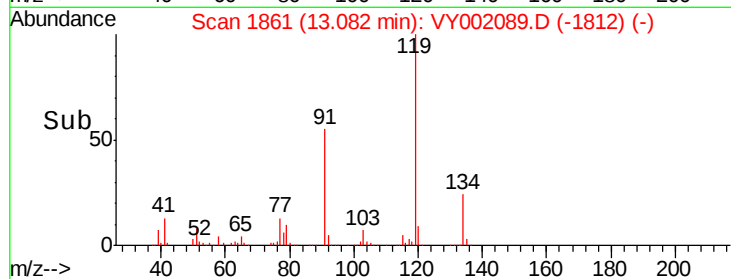
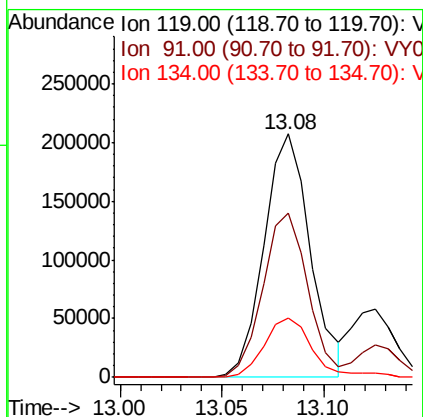
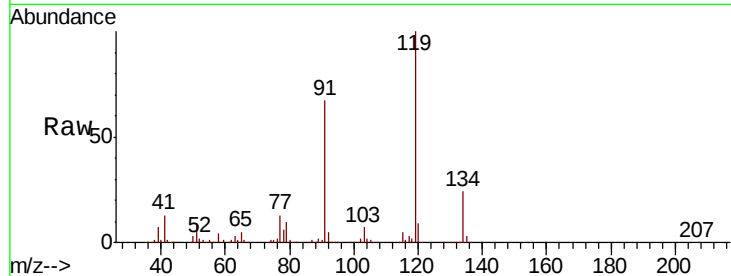




#83
tert-Butylbenzene
Concen: 50.743 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

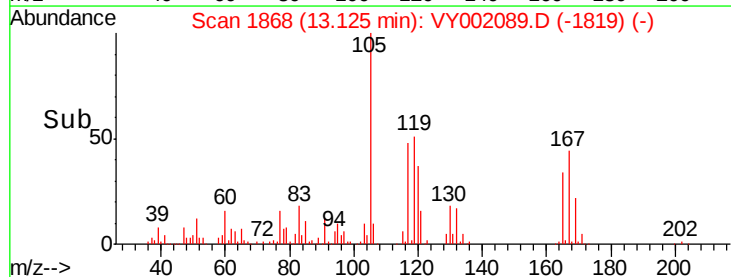
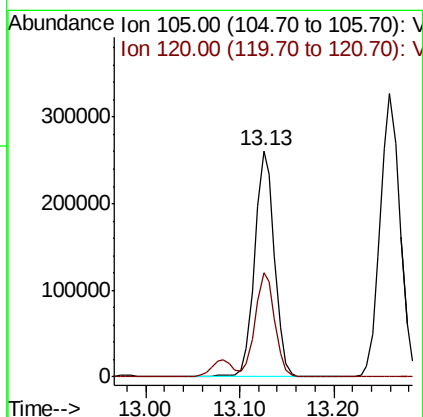
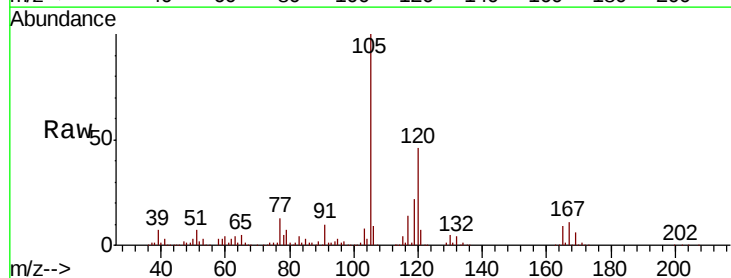
Instrument :
MSVOA_Y
ClientSampleId :

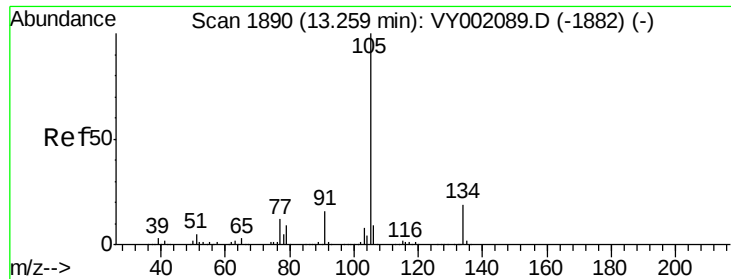
Tot Ion:119 Resp: 327104
Ion Ratio Lower Upper
119 100
91 65.7 32.9 98.6
134 25.9 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 50.279 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion:105 Resp: 385704
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.5





#85

sec-Butylbenzene

Concen: 50.549 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

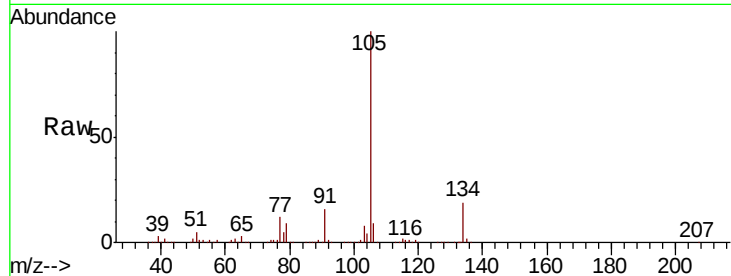
ClientSampleId :

Tot Ion:105 Resp: 479071

Ion Ratio Lower Upper

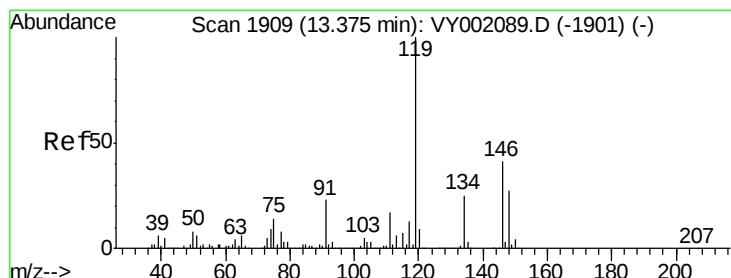
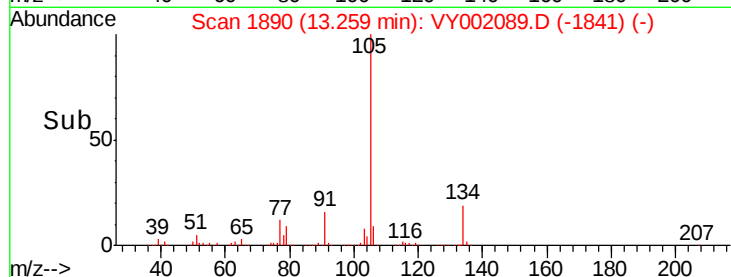
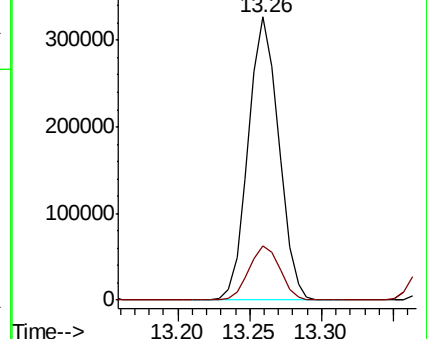
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.789 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

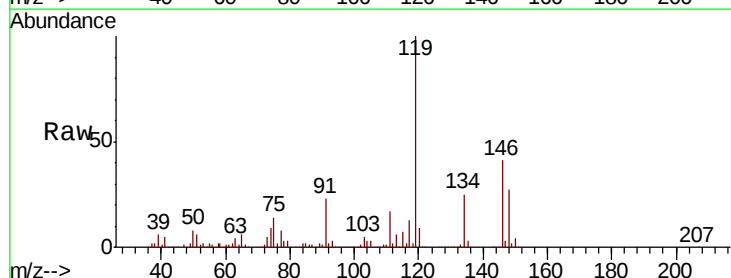
Tgt Ion:119 Resp: 415430

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

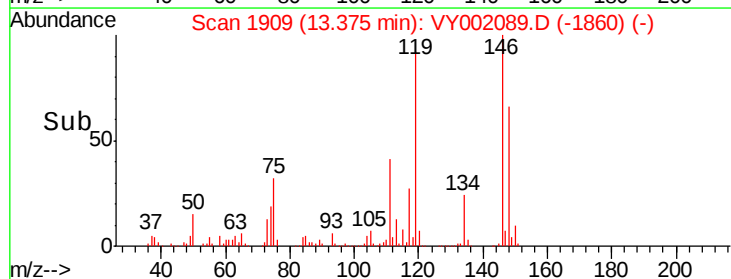
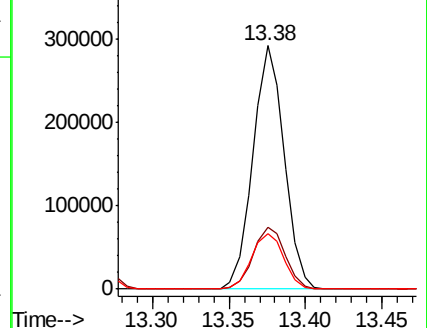
91 23.5 11.8 35.3

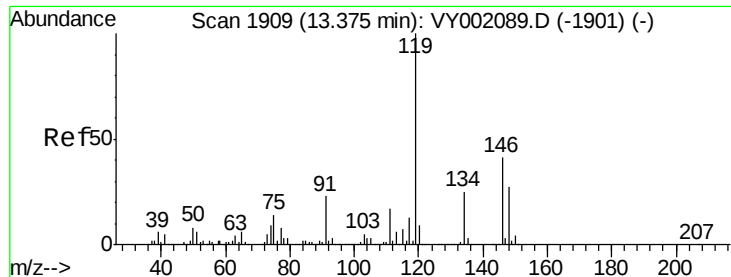


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 49.541 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

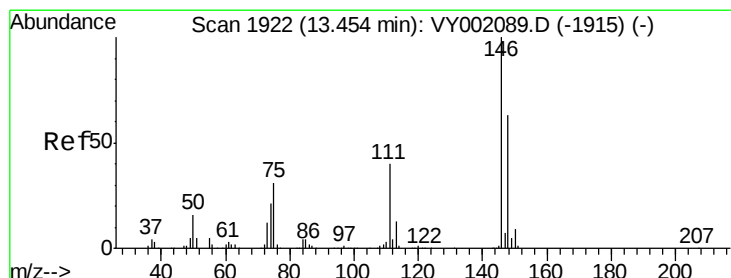
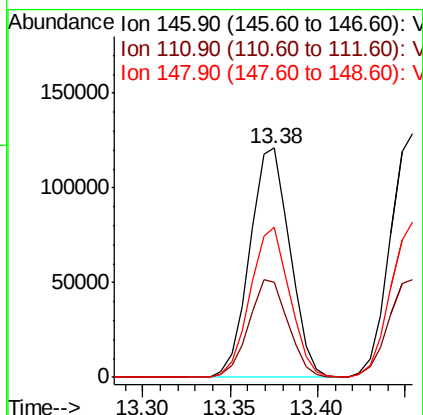
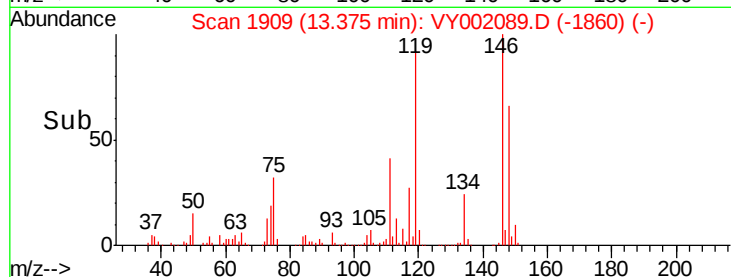
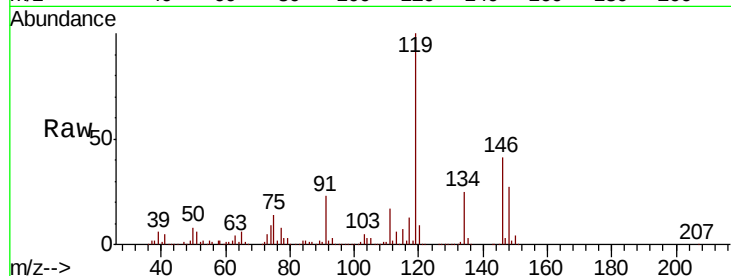
Tot Ion:146 Resp: 193072

Ion Ratio Lower Upper

146 100

111 41.9 20.9 62.8

148 64.3 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 49.466 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

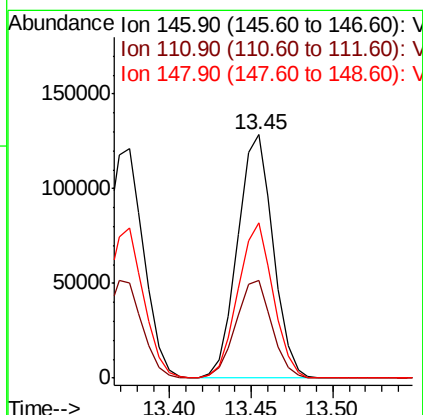
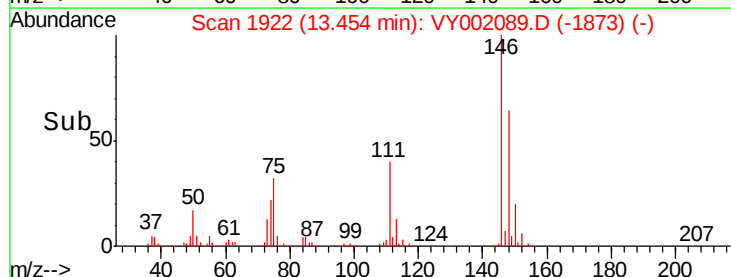
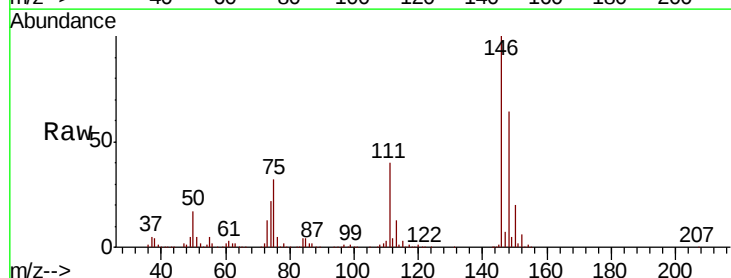
Tgt Ion:146 Resp: 195422

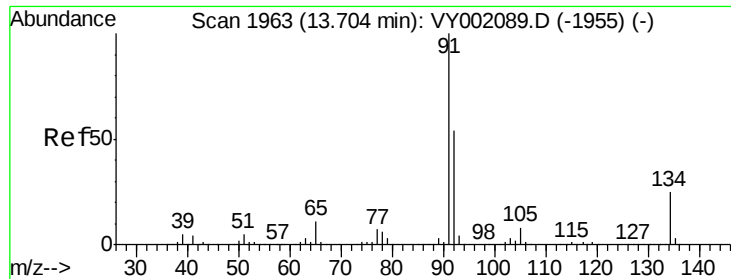
Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.9

148 63.0 31.5 94.5

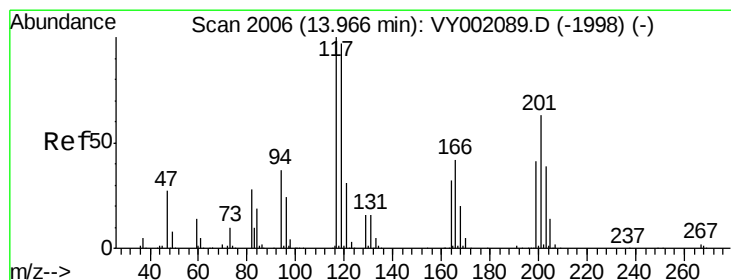
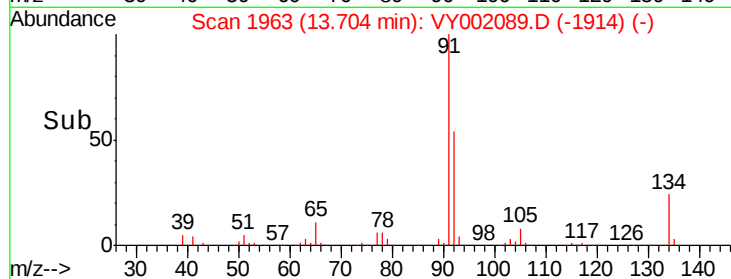
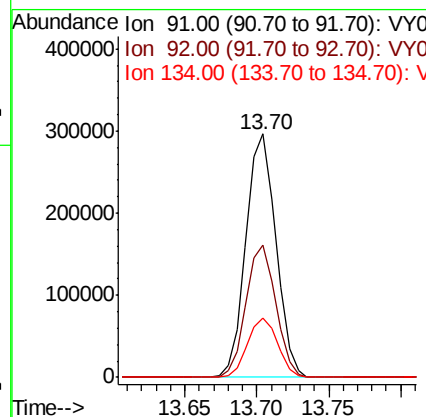
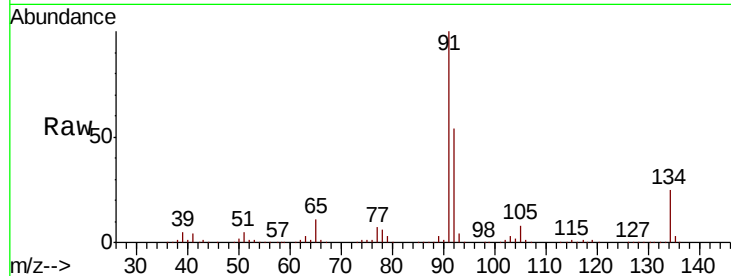




#89
n-Butylbenzene
Concen: 50.423 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

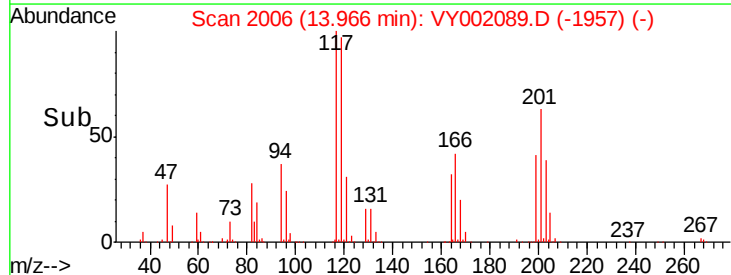
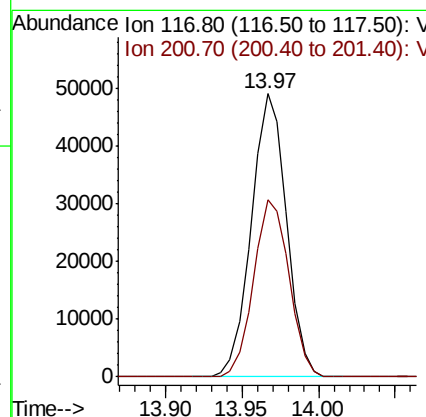
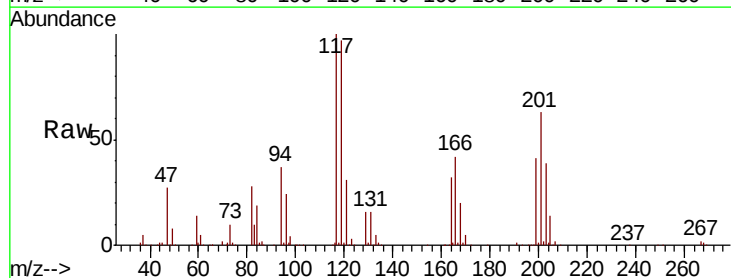
Instrument :
MSVOA_Y
ClientSampleId :

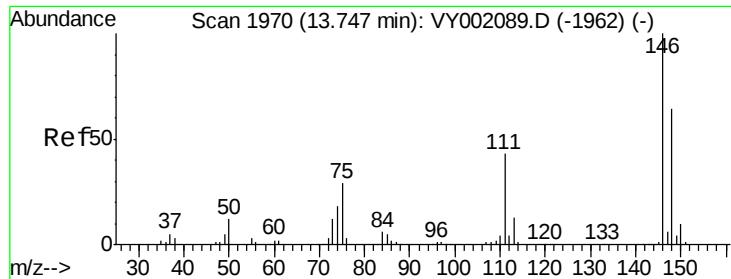
Tot Ion: 91 Resp: 428090
Ion Ratio Lower Upper
91 100
92 54.0 27.0 81.0
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 50.794 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion: 117 Resp: 78359
Ion Ratio Lower Upper
117 100
201 63.2 31.6 94.8





#91

1,2-Dichlorobenzene

Concen: 50.484 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

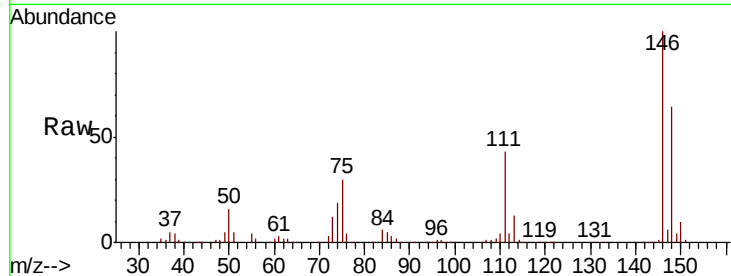
Tot Ion:146 Resp: 179423

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

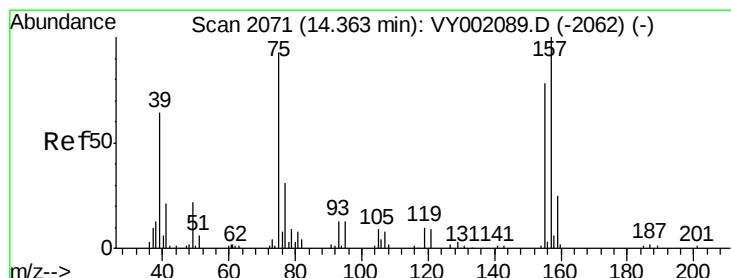
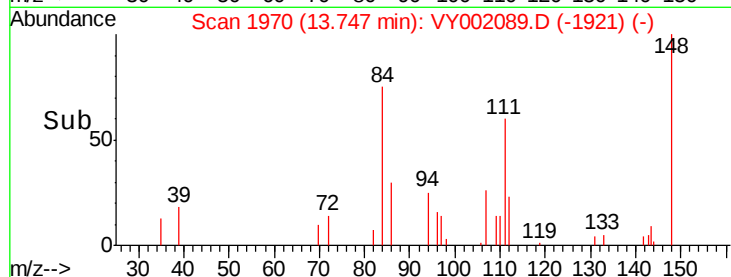
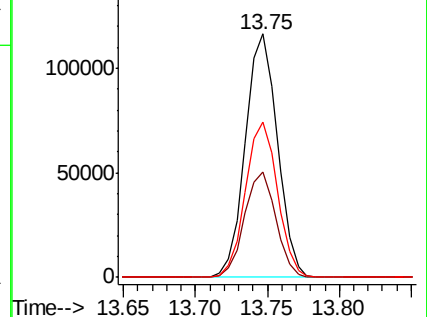
148 63.6 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.962 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

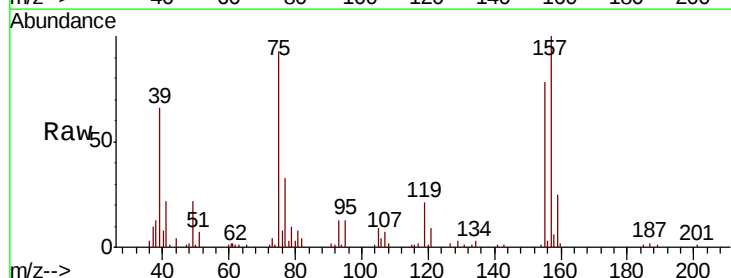
Tgt Ion: 75 Resp: 15117

Ion Ratio Lower Upper

75 100

155 83.3 41.6 124.9

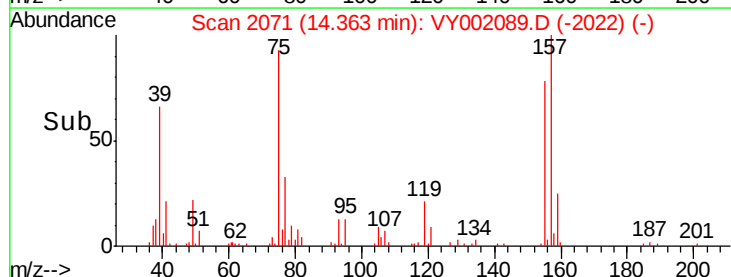
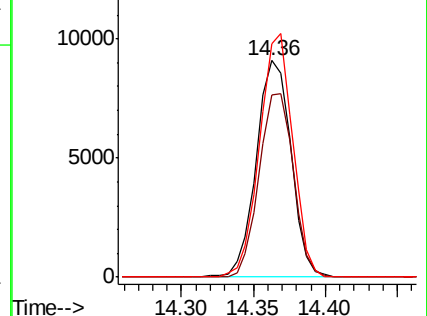
157 106.9 53.4 160.3

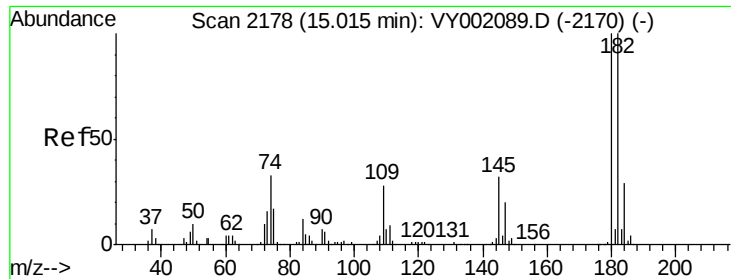


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

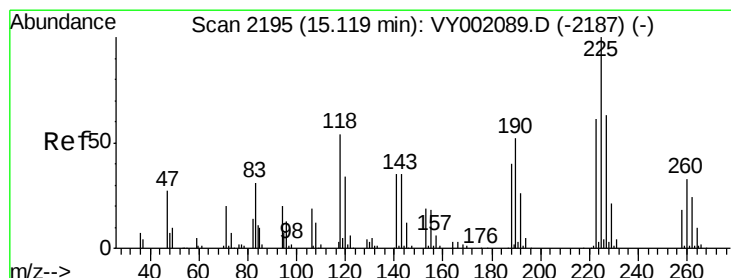
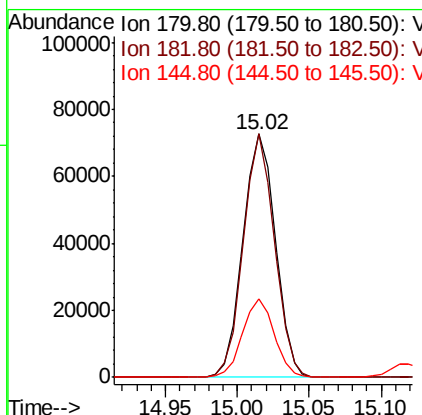
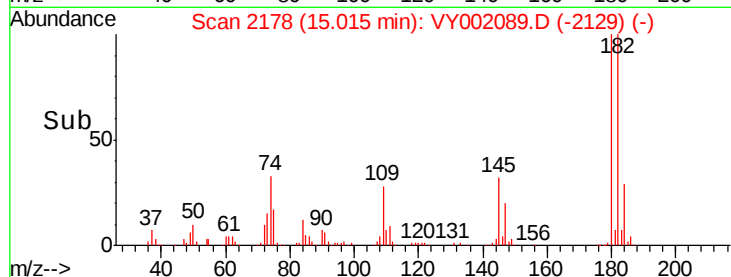
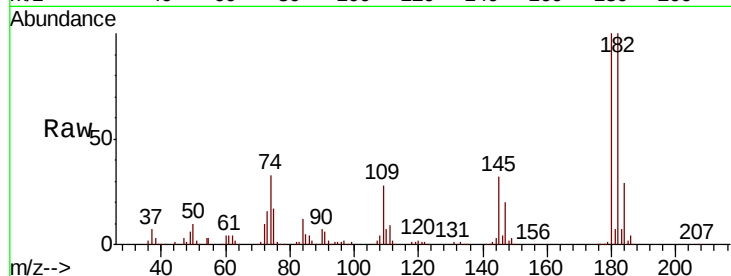




#93
1,2,4-Trichlorobenzene
Concen: 49.462 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

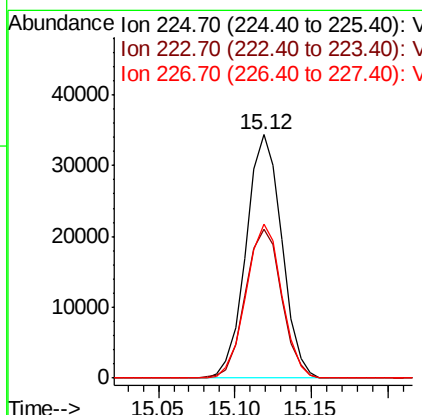
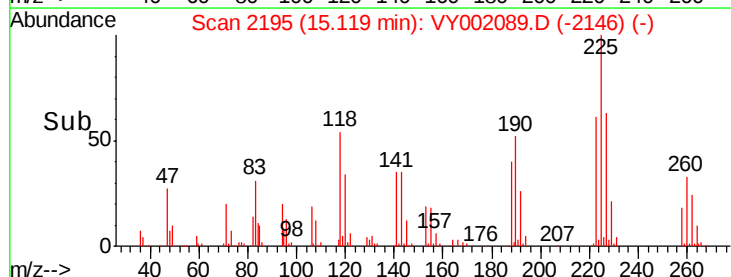
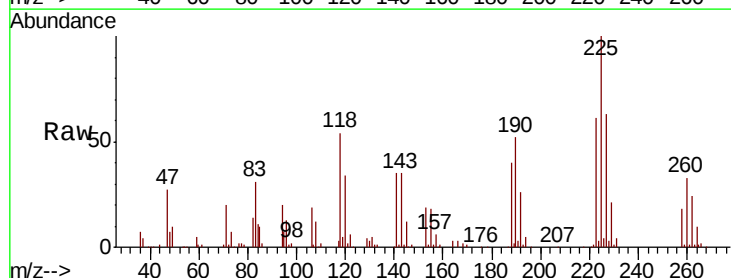
Instrument :
MSVOA_Y
ClientSampled :

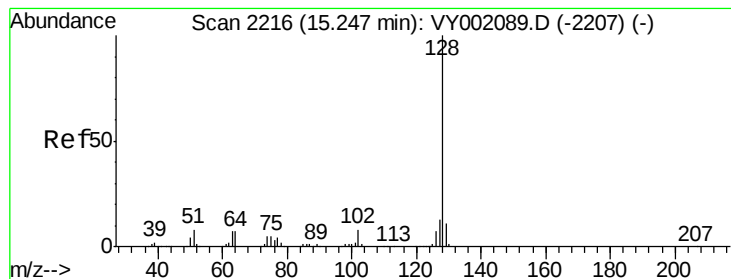
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.1	144.3
145	31.7	15.9	47.6



#94
Hexachlorobutadiene
Concen: 49.595 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY002089.D
Acq: 26 Mar 2020 16:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.1	93.3
227	63.1	31.6	94.7





#95

Naphthalene

Concen: 49.467 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

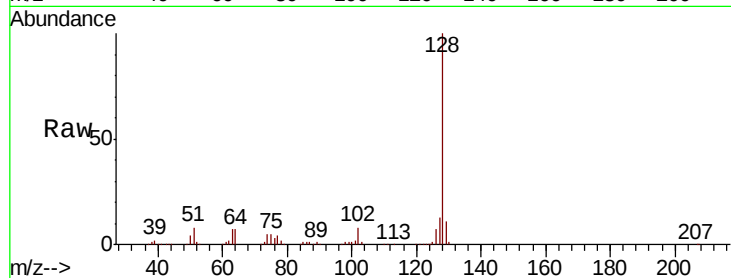
Tot Ion:128 Resp: 269171

Ion Ratio Lower Upper

128 100

127 12.3 9.8 14.8

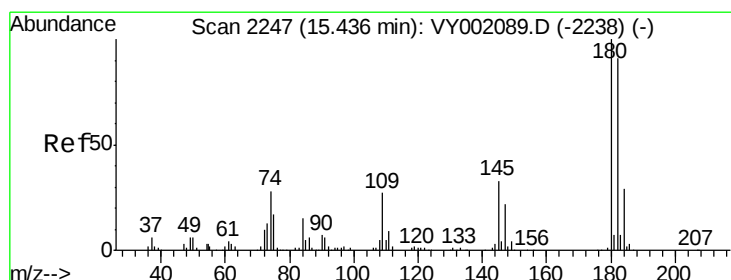
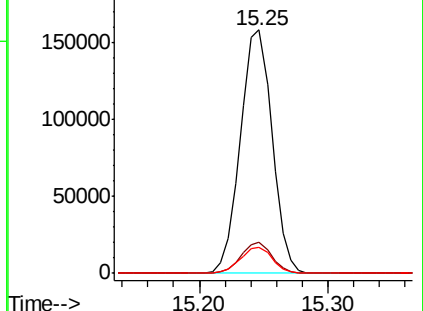
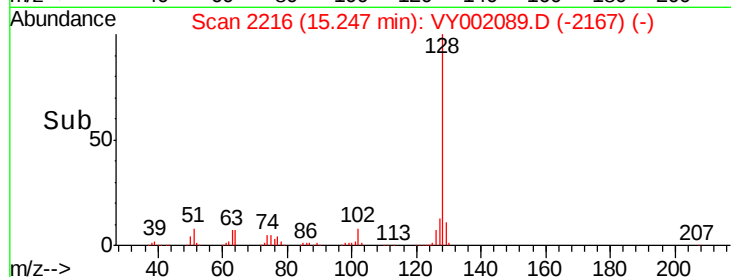
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.128 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

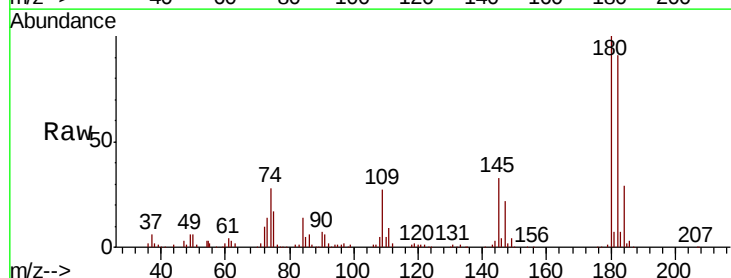
Tgt Ion:180 Resp: 101753

Ion Ratio Lower Upper

180 100

182 93.5 46.8 140.3

145 33.4 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

