

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091819\
 Data File : VY000066.D
 Acq On : 18 Sep 2019 17:26
 Operator : SY/MD
 Sample : MDL2
 Misc : 5.00µl/5.00ml/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 04:20:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:28:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	103709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	203806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	178893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	76305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	64335	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
35) Dibromofluoromethane	7.72	113	60410	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	10.18	98	254740	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.48	95	87887	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	

Target Compounds

					Qvalue
4) Vinyl Chloride	2.25	62	5799	5.011	ug/l 92
5) Bromomethane	2.64	94	4387	4.283	ug/l 84
6) Chloroethane	2.79	64	3672	4.734	ug/l # 84
7) Trichlorofluoromethane	3.12	101	6793	4.246	ug/l 97
8) Diethyl Ether	3.53	74	3936	5.745	ug/l 91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	5217	4.753	ug/l 97
10) Methyl Iodide	4.09	142	4723	4.137	ug/l # 94
11) Tert butyl alcohol	4.98	59	4723	33.389	ug/l # 77
12) 1,1-Dichloroethene	3.87	96	5023	4.964	ug/l # 68
13) Acrolein	3.73	56	2253	Below Cal	# 64
14) Allyl chloride	4.48	41	7199	4.655	ug/l 96
15) Acrylonitrile	5.18	53	10020	24.391	ug/l 95
16) Acetone	3.95	43	8110	29.192	ug/l 89
17) Carbon Disulfide	4.19	76	11226	2.821	ug/l # 87
18) Methyl Acetate	4.48	43	5380	5.797	ug/l # 89
19) Methyl tert-butyl Ether	5.22	73	13747	4.347	ug/l 93
20) Methylene Chloride	4.72	84	8203	6.277	ug/l # 87
21) trans-1,2-Dichloroethene	5.22	96	5565	4.947	ug/l # 87
22) Diisopropyl ether	6.12	45	15626	4.472	ug/l 91
23) Vinyl Acetate	6.06	43	50329	21.520	ug/l 100
24) 1,1-Dichloroethane	6.03	63	10093	4.880	ug/l 94
25) 2-Butanone	6.99	43	12391	24.625	ug/l 92
26) 2,2-Dichloropropane	6.98	77	10329	5.292	ug/l 89
27) cis-1,2-Dichloroethene	6.98	96	6527	4.583	ug/l 87
28) Bromochloromethane	7.33	49	4773	4.979	ug/l 84
29) Tetrahydrofuran	7.35	42	7852	25.993	ug/l 96
30) Chloroform	7.51	83	10169	4.764	ug/l 86
31) Cyclohexane	7.78	56	10133	2.627	ug/l 91
32) 1,1,1-Trichloroethane	7.70	97	7777	4.486	ug/l 97
36) 1,1-Dichloropropene	7.92	75	7942	5.212	ug/l 94
37) Ethyl Acetate	7.08	43	5780	5.690	ug/l 97
38) Carbon Tetrachloride	7.90	117	6464	4.494	ug/l # 70
39) Methylcyclohexane	9.18	83	10005	5.339	ug/l 96
40) Benzene	8.16	78	23626	4.694	ug/l 91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091819\
 Data File : VY000066.D
 Acq On : 18 Sep 2019 17:26
 Operator : SY/MD
 Sample : MDL2
 Misc : 5.00µl/5.00ml/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 04:20:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:28:51 2019
 Response via : Initial Calibration

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

41) Methacrylonitrile	7.31	41	1481	6.027	ug/l #	51
42) 1,2-Dichloroethane	8.23	62	5732	4.299	ug/l	95
43) Isopropyl Acetate	8.28	43	9158	4.610	ug/l #	90
44) Trichloroethene	8.95	130	5939	4.619	ug/l	88
45) 1,2-Dichloropropane	9.21	63	5672	4.350	ug/l	96
46) Dibromomethane	9.31	93	3334	4.681	ug/l	95
47) Bromodichloromethane	9.50	83	7537	4.361	ug/l	100
48) Methyl methacrylate	9.29	41	4337	4.964	ug/l	94
49) 1,4-Dioxane	9.30	88	1381	99.875	ug/l #	81
51) 4-Methyl-2-Pentanone	10.07	43	23426	21.598	ug/l	96
52) Toluene	10.24	92	15232	4.763	ug/l	93
53) t-1,3-Dichloropropene	10.47	75	7776	4.244	ug/l	92
54) cis-1,3-Dichloropropene	9.93	75	9398	4.441	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	4936	4.421	ug/l #	88
56) Ethyl methacrylate	10.51	69	6876	4.328	ug/l	99
57) 1,3-Dichloropropane	10.79	76	8390	4.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	18771	21.856	ug/l	97
59) 2-Hexanone	10.84	43	16903	21.844	ug/l	98
60) Dibromochloromethane	10.99	129	5157	4.409	ug/l	92
61) 1,2-Dibromoethane	11.09	107	4666	4.575	ug/l	97
64) Tetrachloroethene	10.71	164	5425	4.832	ug/l	91
65) Chlorobenzene	11.51	112	14835	4.192	ug/l #	79
66) 1,1,1,2-Tetrachloroethane	11.59	131	4987	4.168	ug/l	94
67) Ethyl Benzene	11.59	91	28271	4.477	ug/l	99
68) m/p-Xylenes	11.70	106	21050	8.760	ug/l	95
69) o-Xylene	12.02	106	10847	4.662	ug/l	93
70) Styrene	12.04	104	16707	4.090	ug/l	98
71) Bromoform	12.21	173	2649	3.824	ug/l #	91
73) Isopropylbenzene	12.33	105	26910	4.376	ug/l	97
74) N-amyl acetate	12.14	43	7585	4.330	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	6583	4.548	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	8630	8.038	ug/l #	100
77) Bromobenzene	12.60	156	5758	4.484	ug/l	96
78) n-propylbenzene	12.66	91	33028	4.403	ug/l	98
79) 2-Chlorotoluene	12.75	91	18995	4.530	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	22598	4.436	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	2383	4.269	ug/l #	93
82) 4-Chlorotoluene	12.85	91	19181	4.423	ug/l	97
83) tert-Butylbenzene	13.07	119	18701	4.291	ug/l	95
84) 1,2,4-Trimethylbenzene	13.12	105	23437	4.667	ug/l	98
85) sec-Butylbenzene	13.25	105	27414	4.258	ug/l	98
86) p-Isopropyltoluene	13.37	119	23627	4.329	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	10606	4.164	ug/l	93
88) 1,4-Dichlorobenzene	13.44	146	11418	4.461	ug/l	93
89) n-Butylbenzene	13.69	91	24433	4.352	ug/l	99
90) Hexachloroethane	13.95	117	4665	4.350	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	10483	4.380	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.35	75	1259	4.885	ug/l	96
93) 1,2,4-Trichlorobenzene	15.01	180	5825	4.034	ug/l	96
94) Hexachlorobutadiene	15.10	225	2749	3.965	ug/l	88

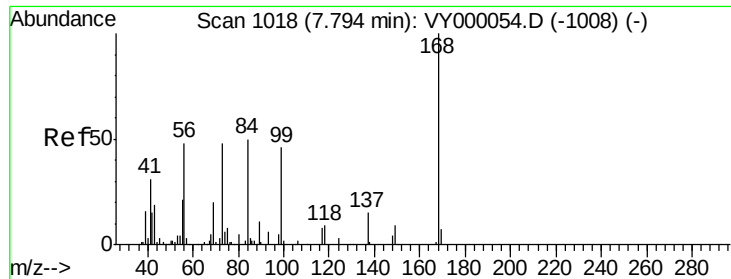
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091819\
Data File : VY000066.D
Acq On : 18 Sep 2019 17:26
Operator : SY/MD
Sample : MDL2
Misc : 5.00g/5.00ml/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 19 04:20:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 13:28:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.23	128	18492	4.511	ug/l	95
96) 1,2,3-Trichlorobenzene	15.42	180	5729	4.157	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

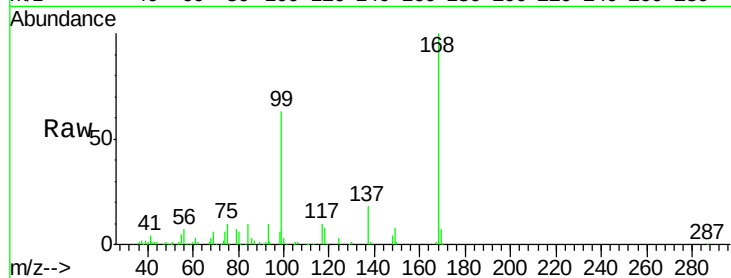
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 103709

Ion Ratio Lower Upper

168 100

99 62.4 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)

Ion 98.90 (98.60 to 99.60): VY000054.D (-1008) (-)

7.79

50000

40000

30000

20000

10000

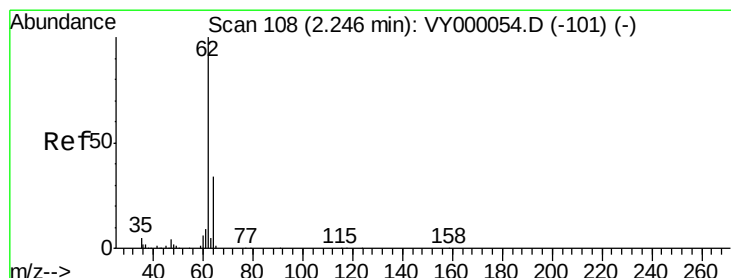
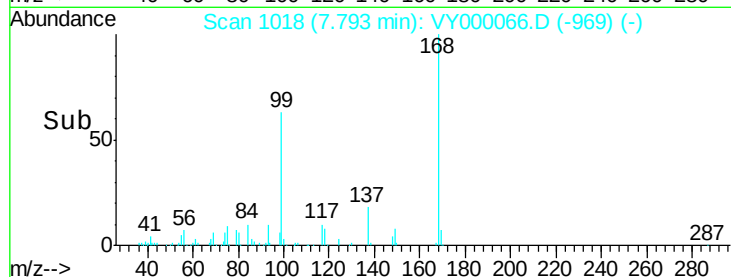
0

Time-->

7.70

7.80

7.90



#4

Vinyl Chloride

Concen: 5.011 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000066.D

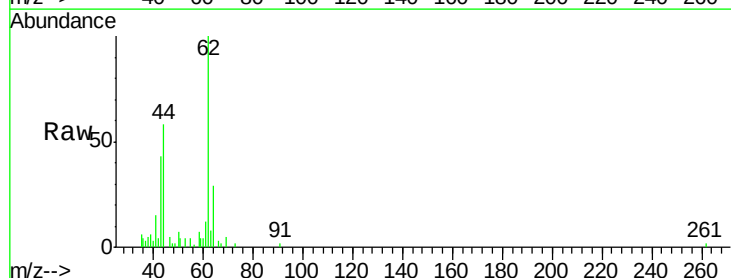
Acq: 18 Sep 2019 17:26

Tgt Ion: 62 Resp: 5799

Ion Ratio Lower Upper

62 100

64 29.2 26.9 40.3



Abundance Ion 61.90 (61.60 to 62.60): VY000054.D (-101) (-)

Ion 63.90 (63.60 to 64.60): VY000054.D (-101) (-)

2.25

4000

3000

2000

1000

0

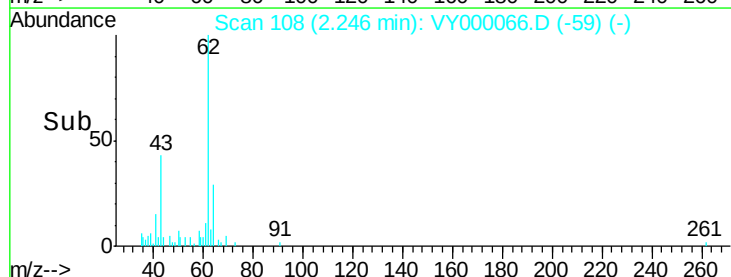
Time-->

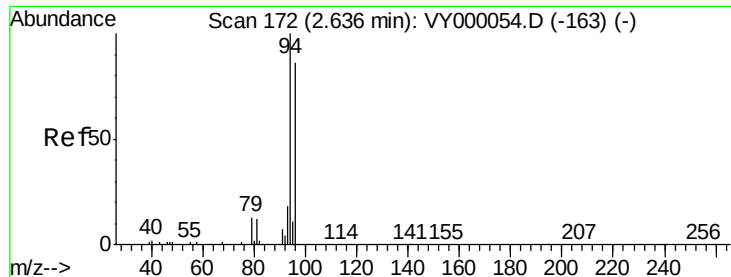
2.20

2.25

2.30

2.35





#5

Bromomethane

Concen: 4.283 ug/l

RT: 2.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

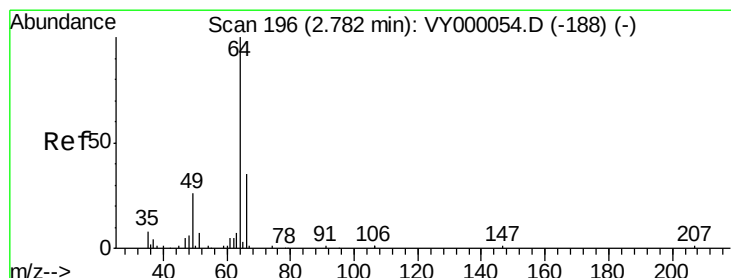
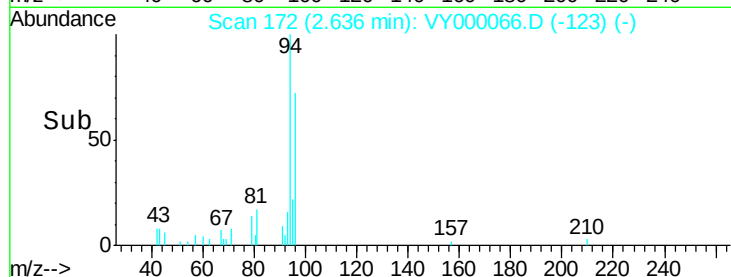
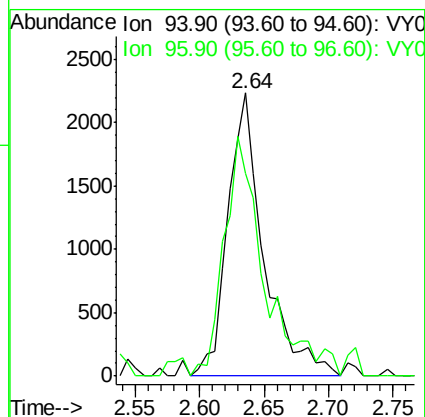
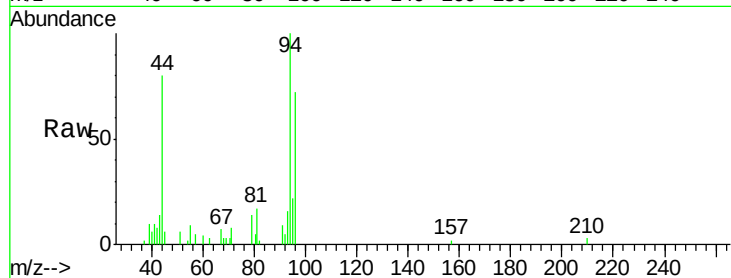
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 4387

Ion Ratio Lower Upper

94 100

96 71.8 69.1 103.7



#6

Chloroethane

Concen: 4.734 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VY000066.D

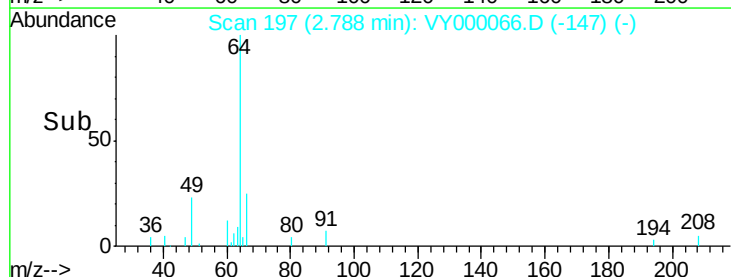
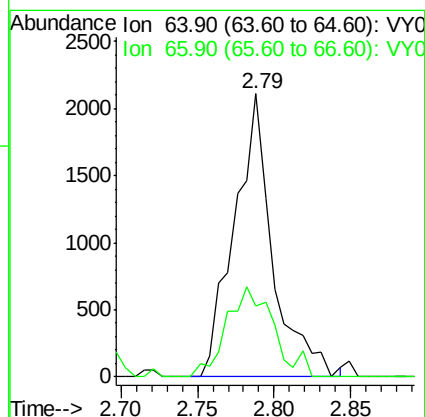
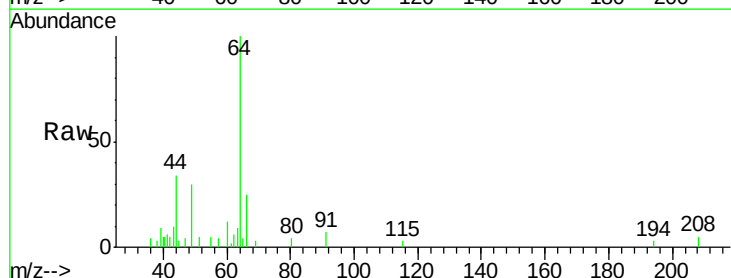
Acq: 18 Sep 2019 17:26

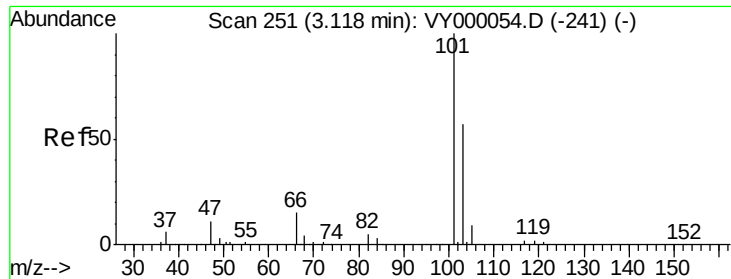
Tgt Ion: 64 Resp: 3672

Ion Ratio Lower Upper

64 100

66 25.2 27.7 41.5#



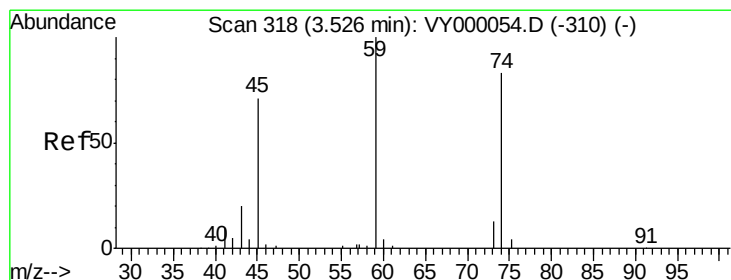
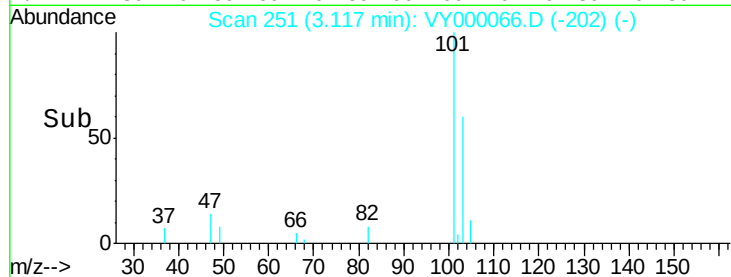
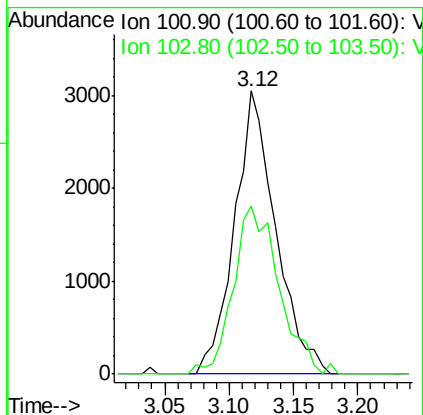
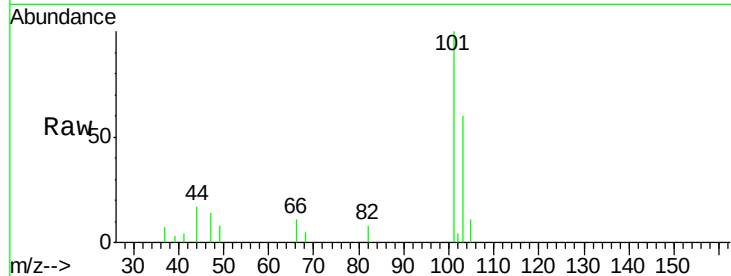


#7

Trichlorofluoromethane
Concen: 4.246 ug/l
RT: 3.12 min Scan# 251
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampleId :

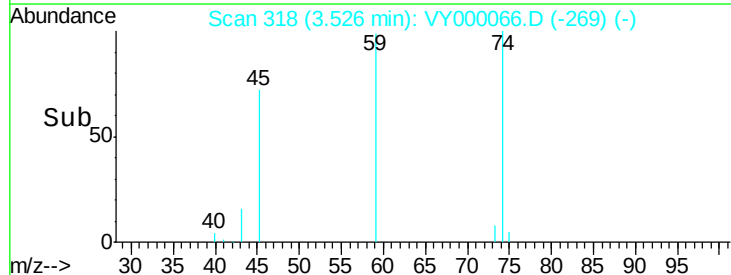
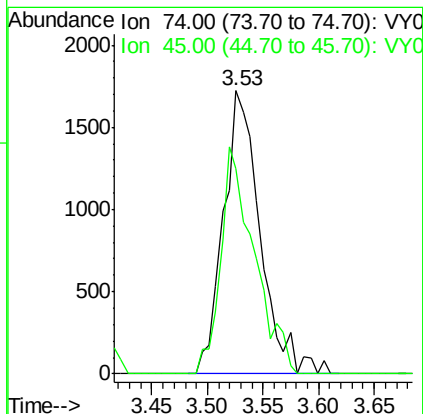
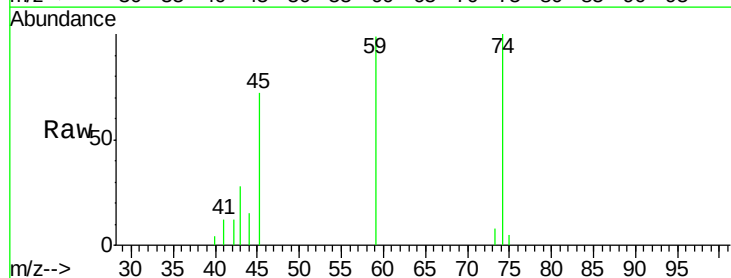
Tot Ion:101 Resp: 6793
Ion Ratio Lower Upper
101 100
103 59.6 45.7 68.5

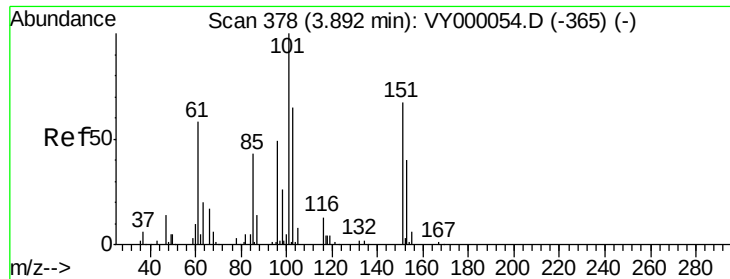


#8

Diethyl Ether
Concen: 5.745 ug/l
RT: 3.53 min Scan# 318
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion: 74 Resp: 3936
Ion Ratio Lower Upper
74 100
45 73.7 40.6 122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.753 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VY000066.D

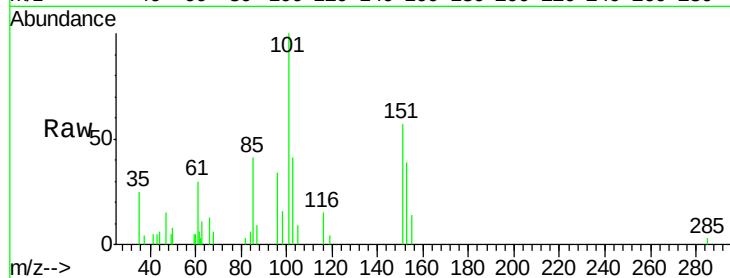
Acq: 18 Sep 2019 17:26

Instrument :

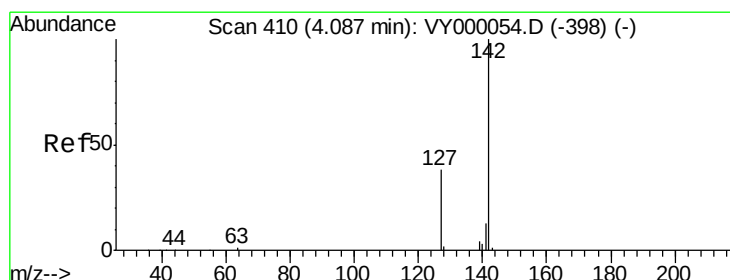
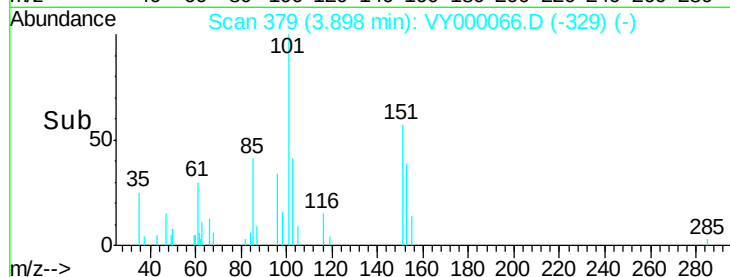
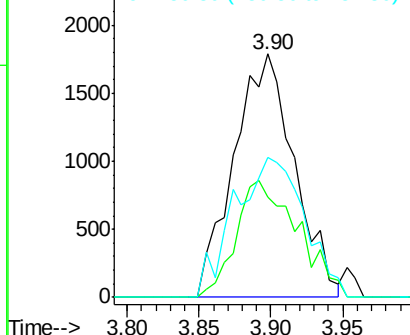
MSVOA_Y

ClientSampled :

Tot Ion:	101	Resp:	5217
Ion	Ratio	Lower	Upper
101	100		
85	49.1	36.8	55.2
151	66.8	54.4	81.6



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: 4.137 ug/l

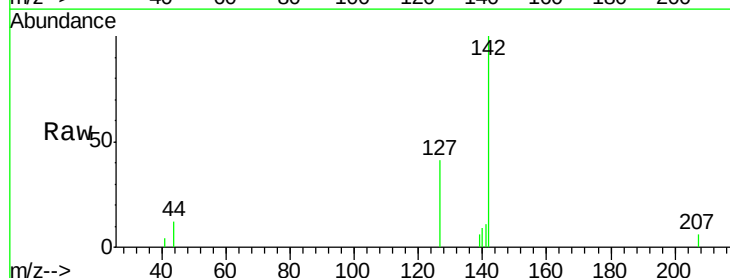
RT: 4.09 min Scan# 411

Delta R.T. 0.01 min

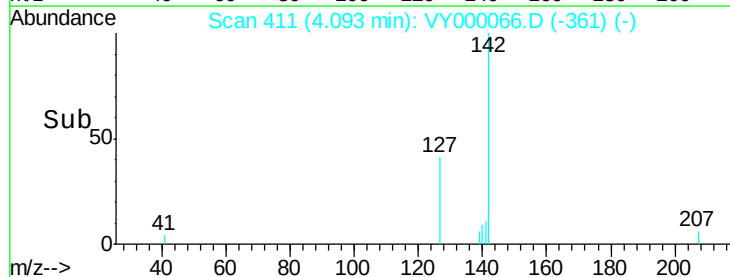
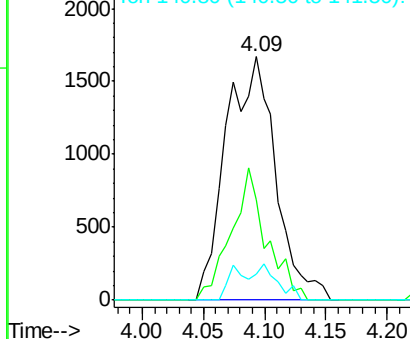
Lab File: VY000066.D

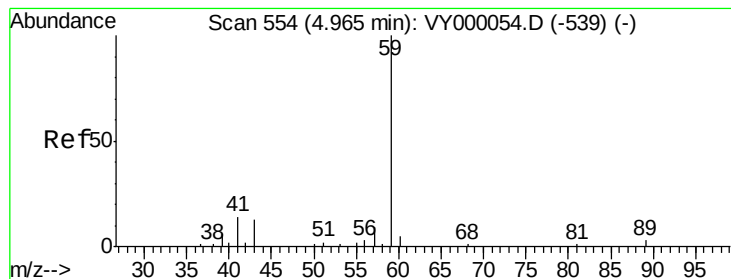
Acq: 18 Sep 2019 17:26

Tgt Ion:	142	Resp:	4723
Ion	Ratio	Lower	Upper
142	100		
127	38.5	31.6	47.4
141	6.8	10.9	16.3#



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



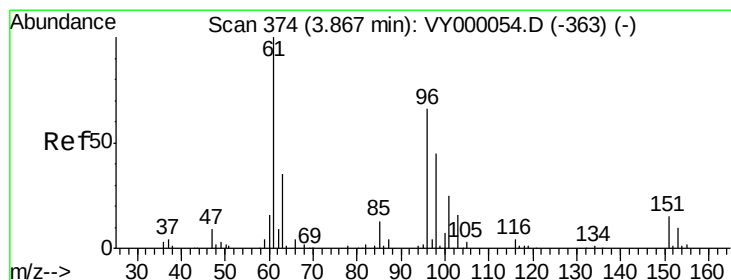
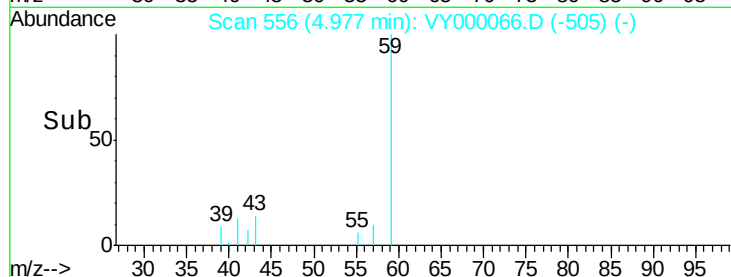
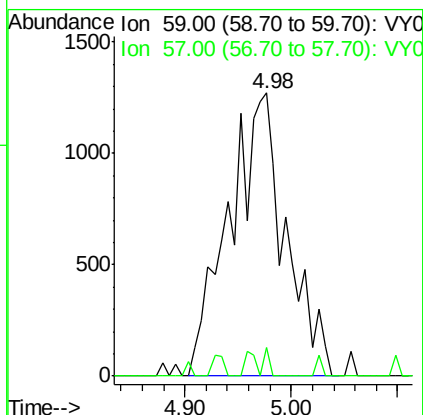
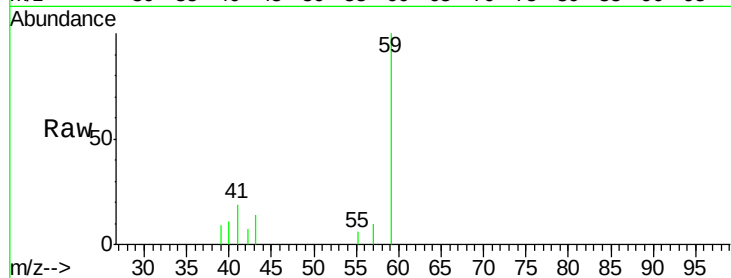


#11

Tert butyl alcohol
 Concen: 33.389 ug/l
 RT: 4.98 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Instrument :
 MSVOA_Y
 ClientSampled :

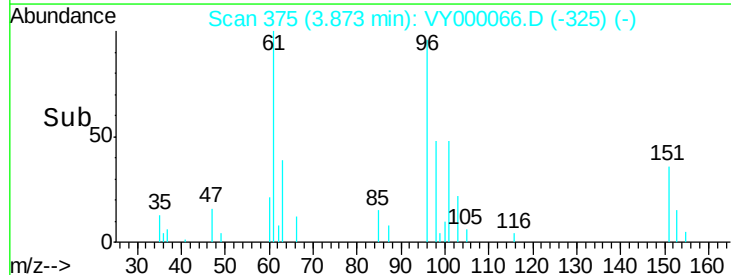
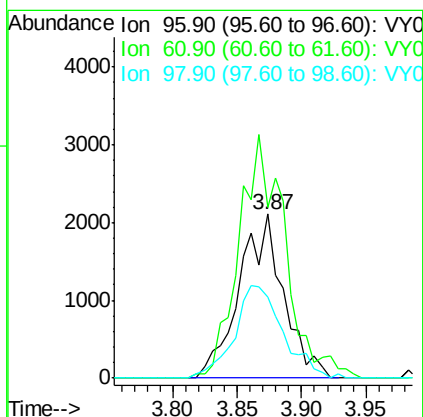
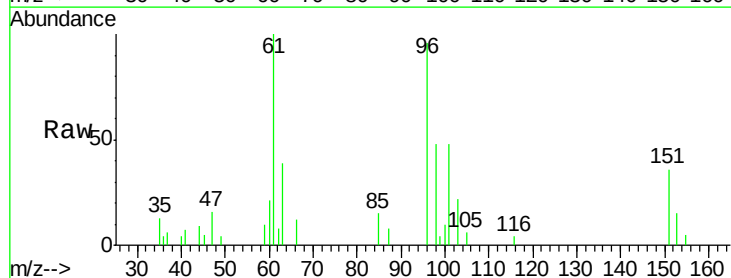
Tot Ion: 59 Resp: 4723
 Ion Ratio Lower Upper
 59 100
 57 1.6 8.0 12.0#

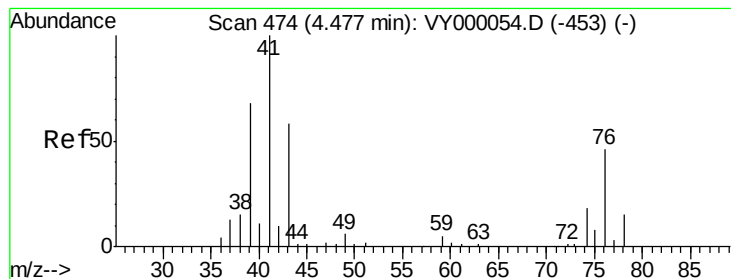


#12

1,1-Dichloroethene
 Concen: 4.964 ug/l
 RT: 3.87 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion: 96 Resp: 5023
 Ion Ratio Lower Upper
 96 100
 61 103.9 120.4 180.6#
 98 49.7 54.1 81.1#





#14

Allvl chloride

Concen: 4.655 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampled :

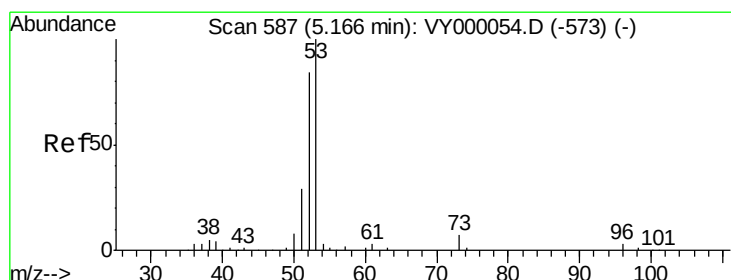
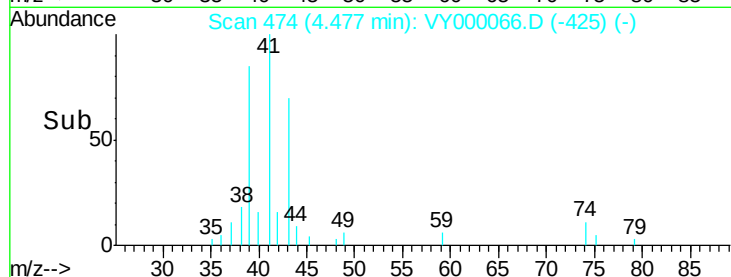
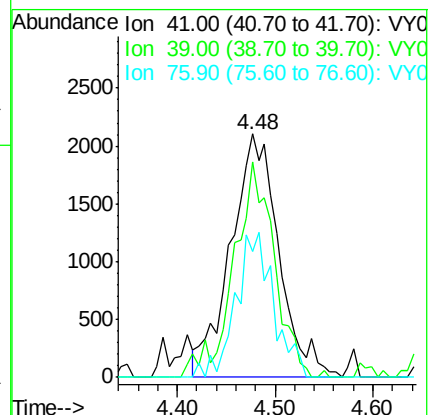
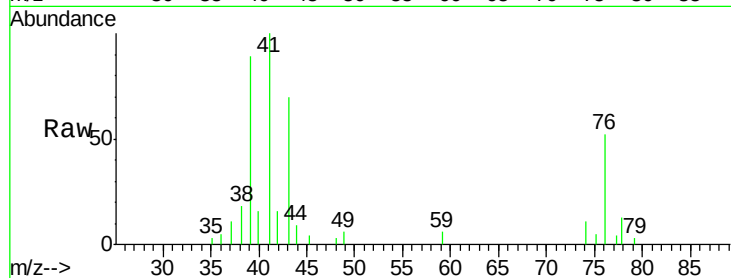
Tot Ion: 41 Resp: 7199

Ion Ratio Lower Upper

41 100

39 69.5 52.7 79.1

76 46.4 35.5 53.3



#15

Acrylonitrile

Concen: 24.391 ug/l

RT: 5.18 min Scan# 589

Delta R.T. 0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

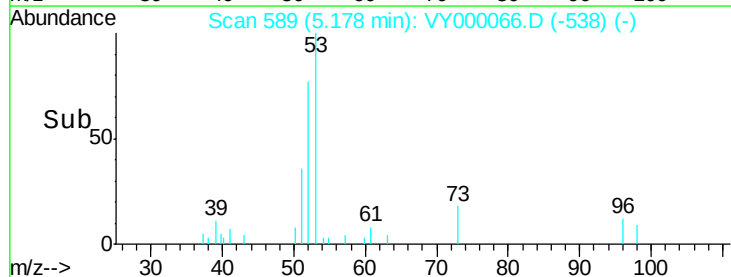
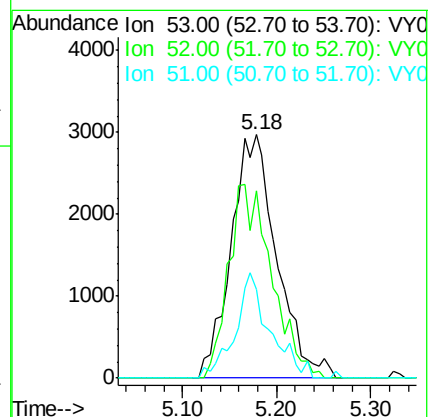
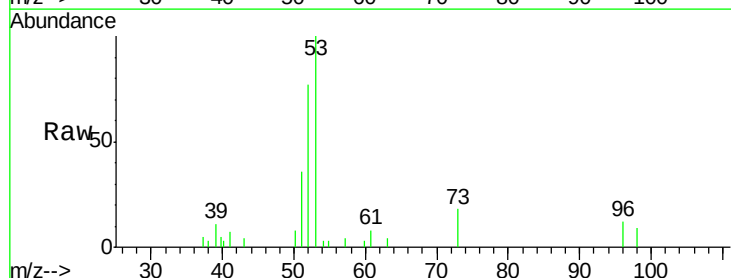
Tgt Ion: 53 Resp: 10020

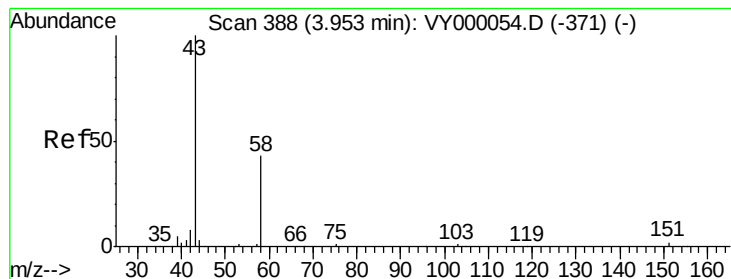
Ion Ratio Lower Upper

53 100

52 74.9 64.7 97.1

51 32.9 26.7 40.1





#16

Acetone

Concen: 29.192 ug/l

RT: 3.95 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

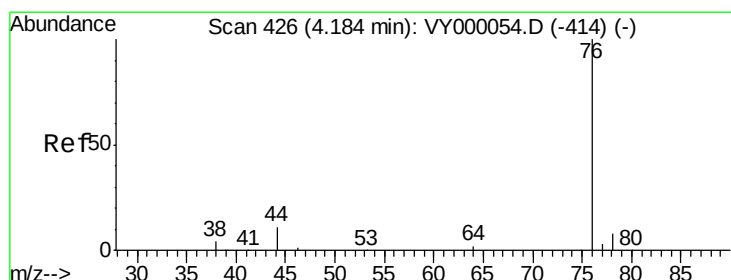
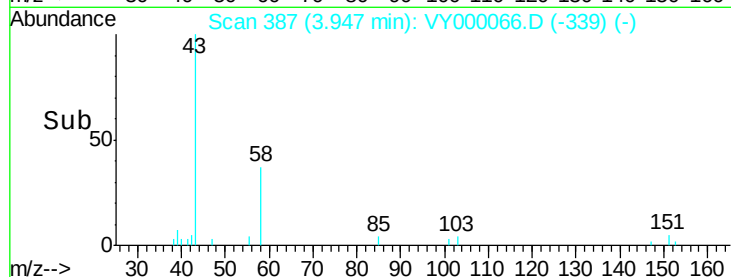
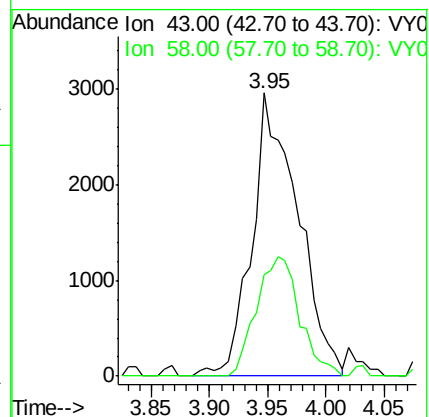
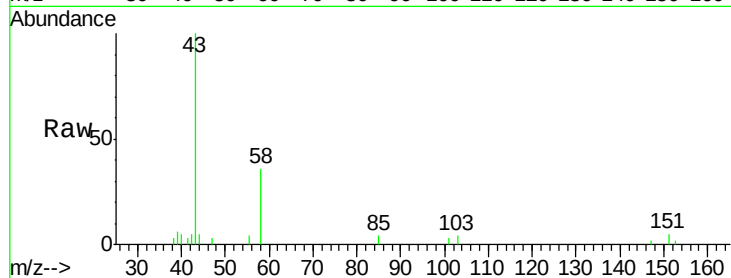
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 8110

Ion Ratio Lower Upper

43 100

58 35.8 34.5 51.7



#17

Carbon Disulfide

Concen: 2.821 ug/l

RT: 4.19 min Scan# 427

Delta R.T. 0.01 min

Lab File: VY000066.D

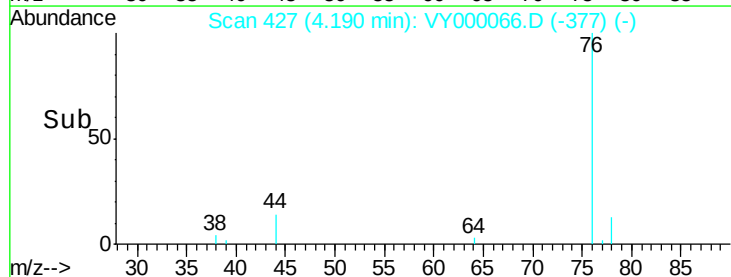
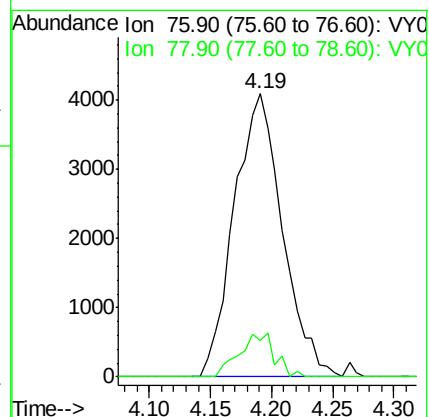
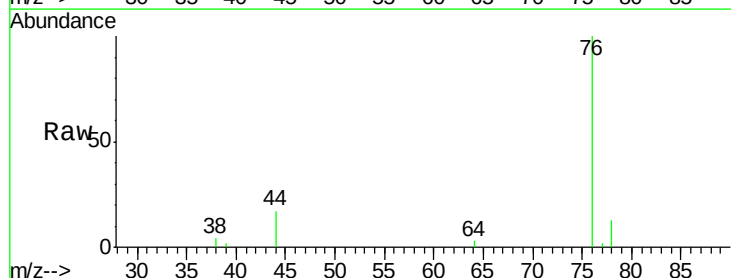
Acq: 18 Sep 2019 17:26

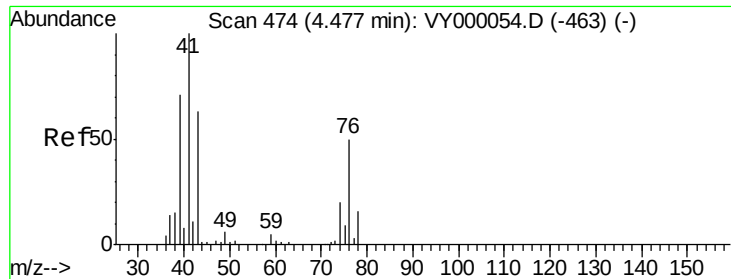
Tgt Ion: 76 Resp: 11226

Ion Ratio Lower Upper

76 100

78 12.6 6.6 9.8#

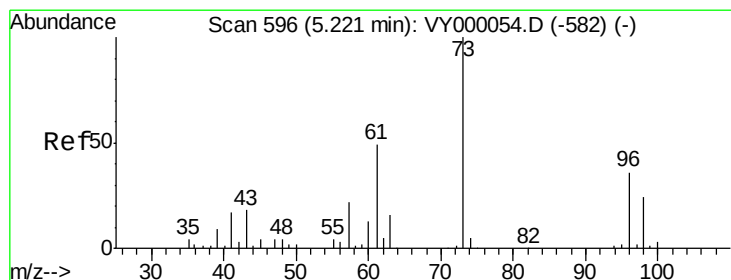
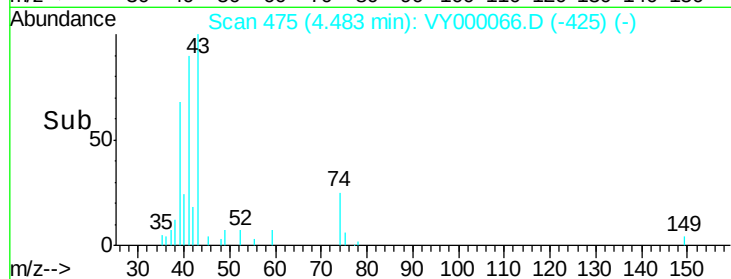
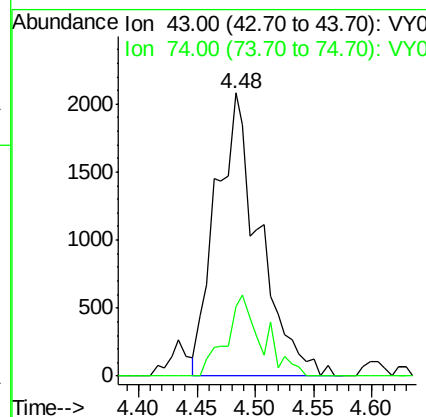
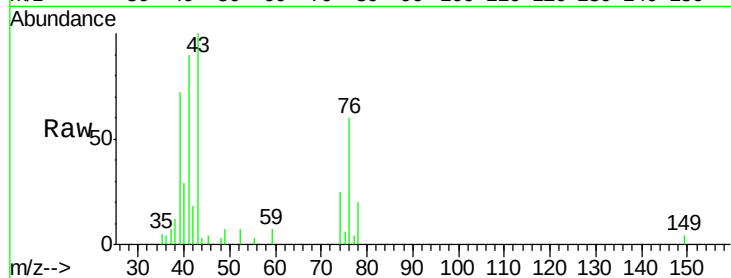




#18
Methyl Acetate
Concen: 5.797 ug/l
RT: 4.48 min Scan# 475
Delta R.T. 0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

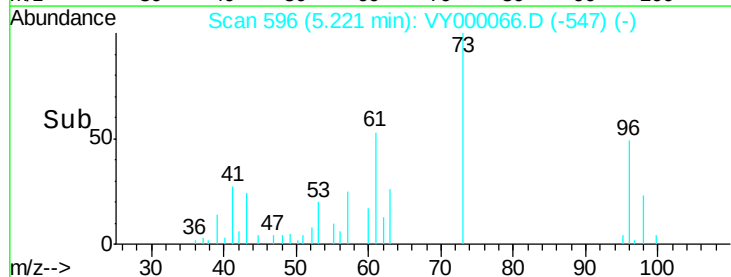
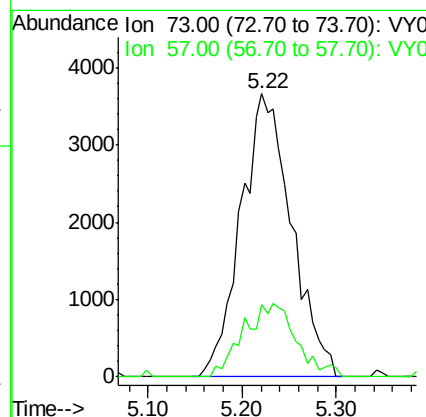
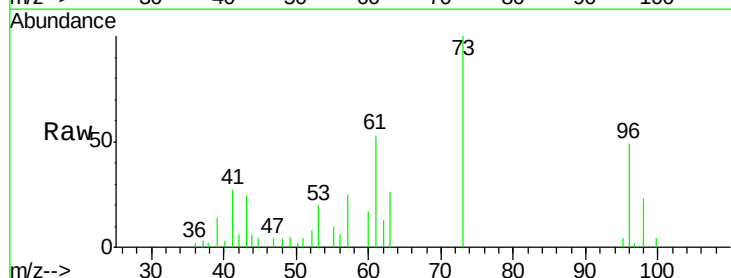
Instrument :
MSVOA_Y
ClientSampled :

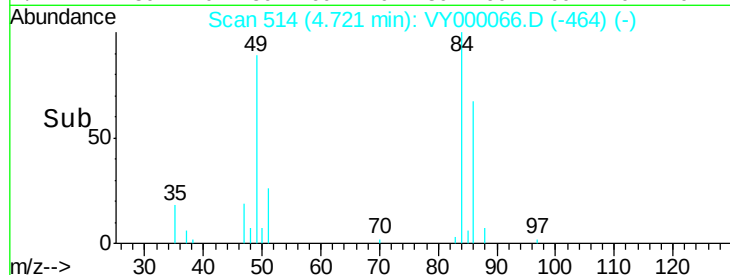
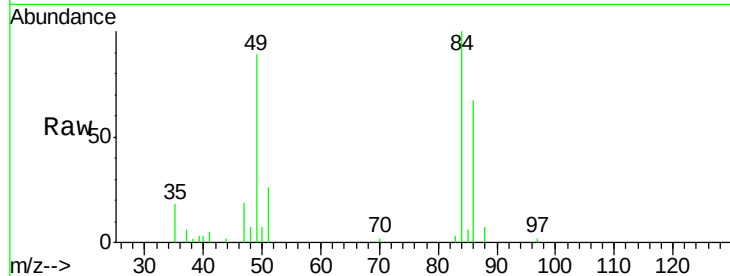
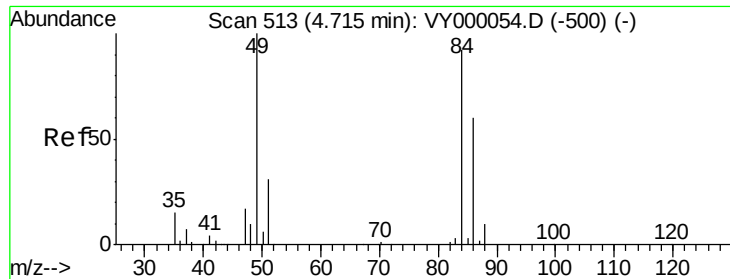
Tot Ion: 43 Resp: 5380
Ion Ratio Lower Upper
43 100
74 24.0 24.1 36.1#



#19
Methyl tert-butyl Ether
Concen: 4.347 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion: 73 Resp: 13747
Ion Ratio Lower Upper
73 100
57 25.4 17.5 26.3

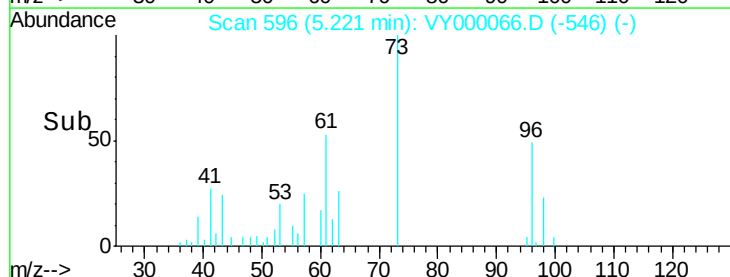
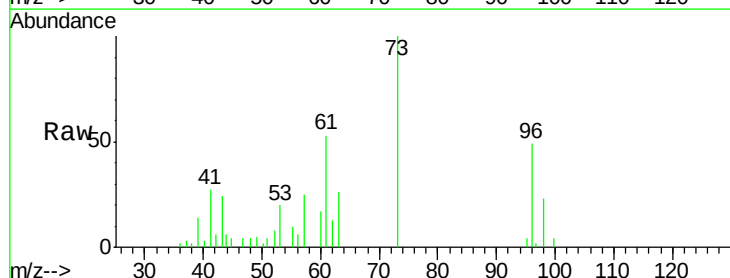
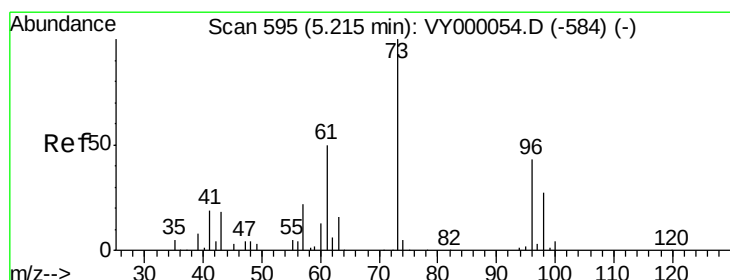
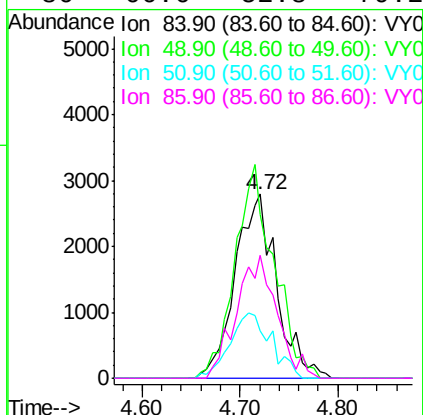




#20
Methylene Chloride
Concen: 6.277 ug/l
RT: 4.72 min Scan# 514
Delta R.T. 0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

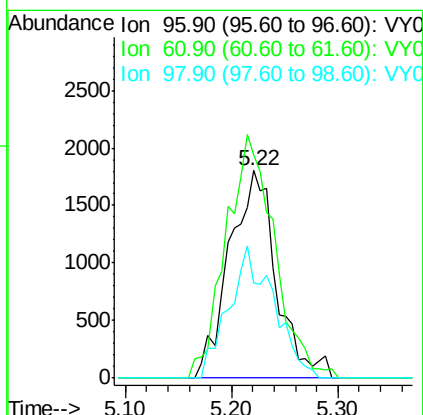
Instrument :
MSVOA_Y
ClientSampleId :

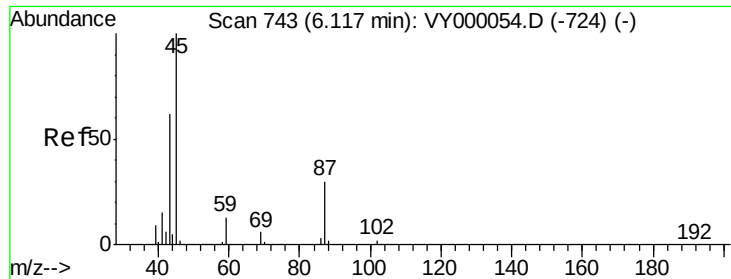
Tot Ion	84	Resp	8203
Ion	Ratio	Lower	Upper
84	100		
49	89.1	87.4	131.0
51	25.9	27.2	40.8#
86	66.6	52.8	79.2



#21
trans-1,2-Dichloroethene
Concen: 4.947 ug/l
RT: 5.22 min Scan# 596
Delta R.T. 0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion	96	Resp	5565
Ion	Ratio	Lower	Upper
96	100		
61	107.9	94.0	141.0
98	45.9	50.3	75.5#





#22

Diisopropyl ether

Concen: 4.472 ug/l

RT: 6.12 min Scan# 743

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 45 Resp: 15626

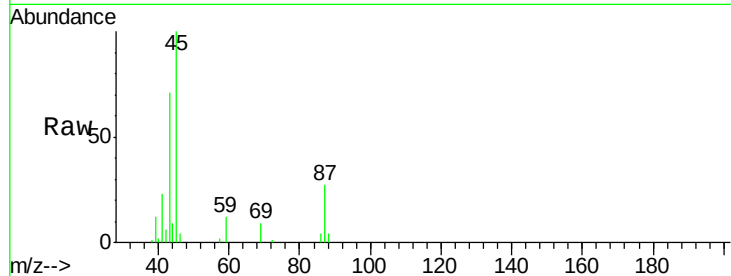
Ion Ratio Lower Upper

45 100

43 71.1 49.9 74.9

87 27.0 25.0 37.4

59 12.1 10.4 15.6

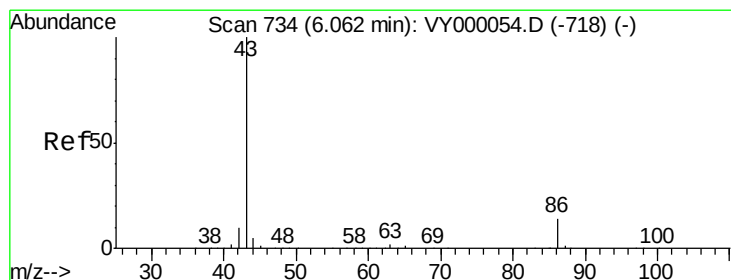
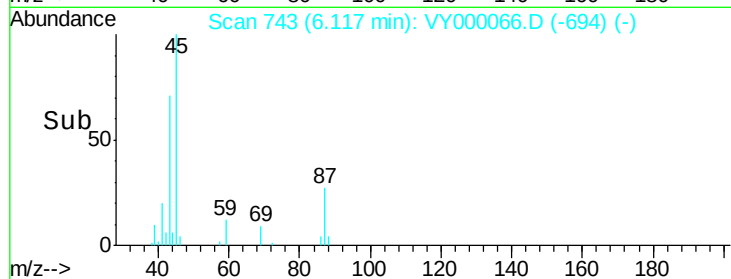
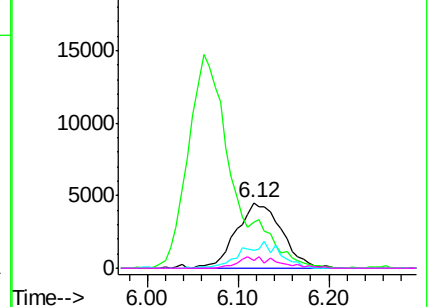


Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 21.520 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000066.D

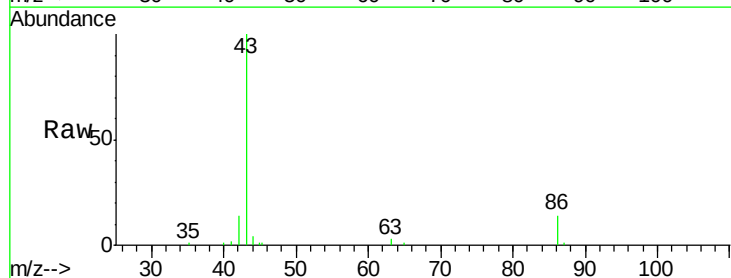
Acq: 18 Sep 2019 17:26

Tgt Ion: 43 Resp: 50329

Ion Ratio Lower Upper

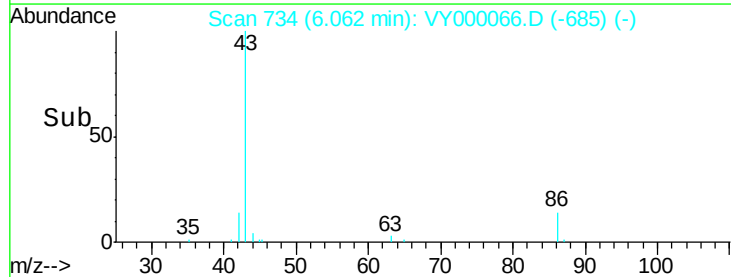
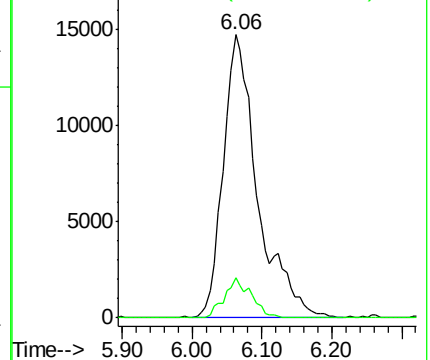
43 100

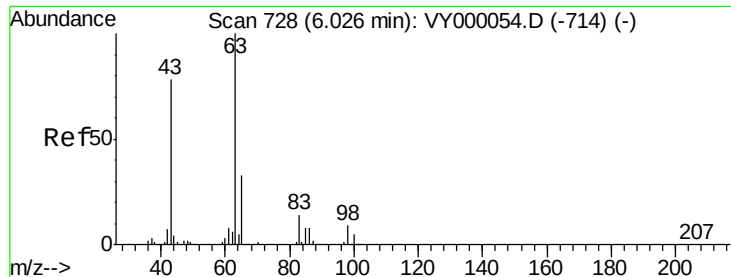
86 14.2 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0





#24

1,1-Dichloroethane

Concen: 4.880 ug/l

RT: 6.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

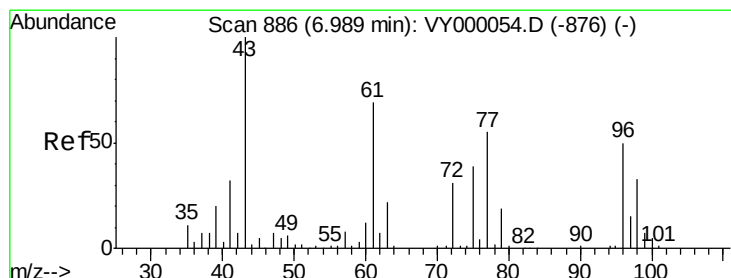
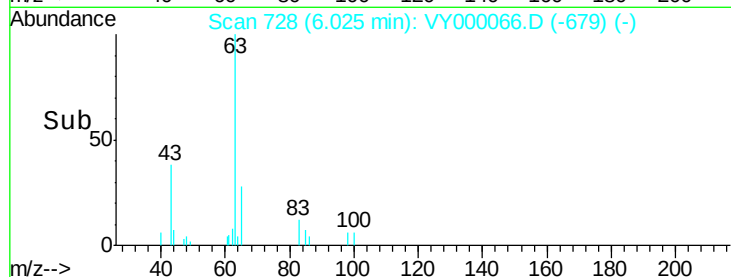
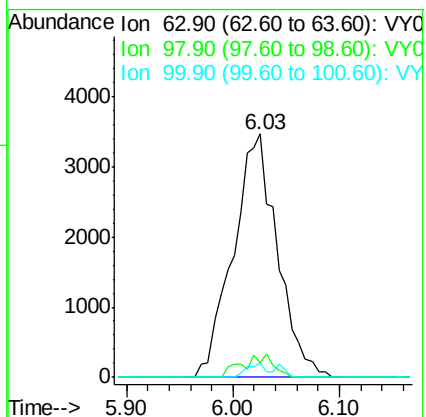
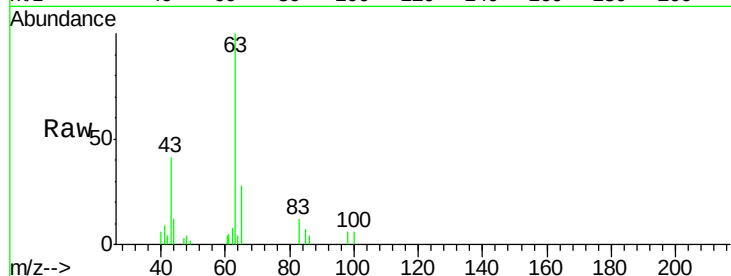
Tot Ion: 63 Resp: 10093

Ion Ratio Lower Upper

63 100

98 6.1 4.5 13.5

100 6.0 2.5 7.5



#25

2-Butanone

Concen: 24.625 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000066.D

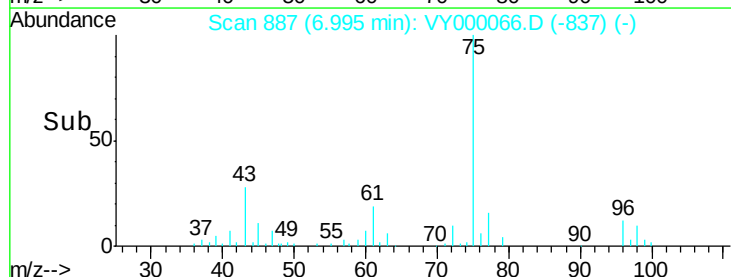
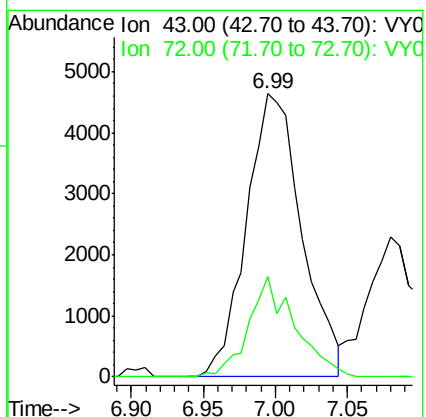
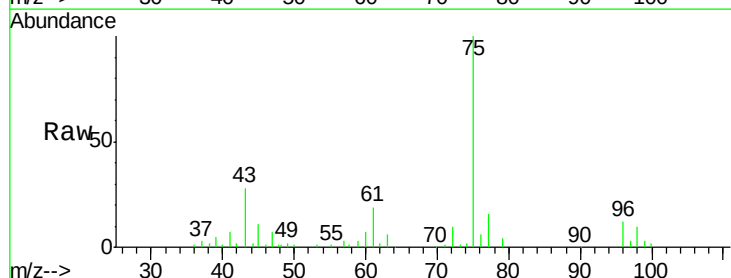
Acq: 18 Sep 2019 17:26

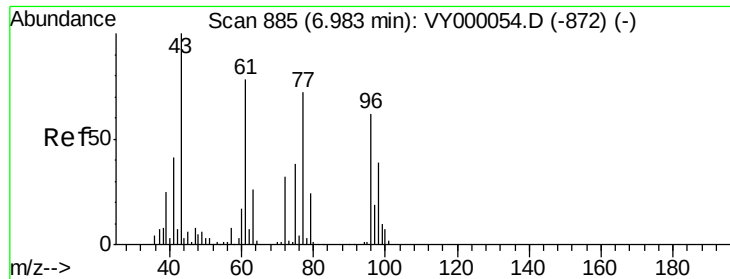
Tgt Ion: 43 Resp: 12391

Ion Ratio Lower Upper

43 100

72 35.4 24.7 37.1

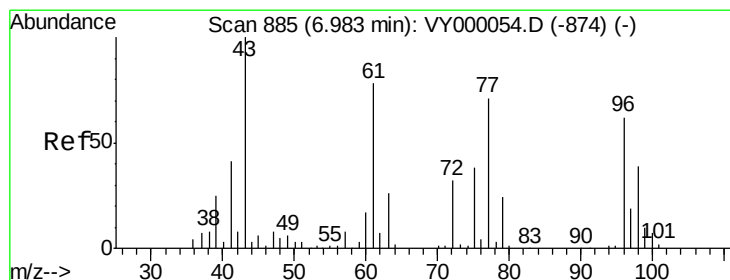
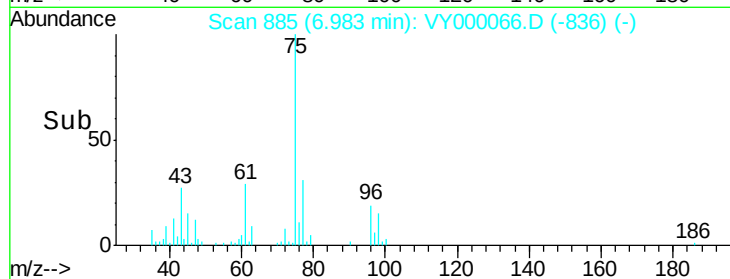
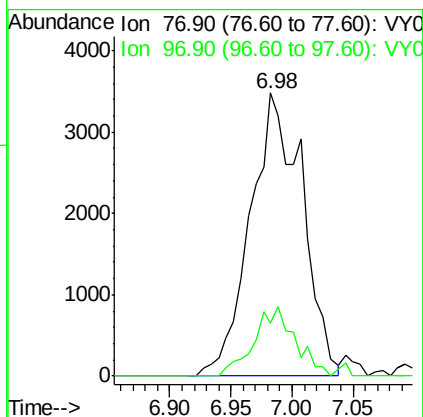
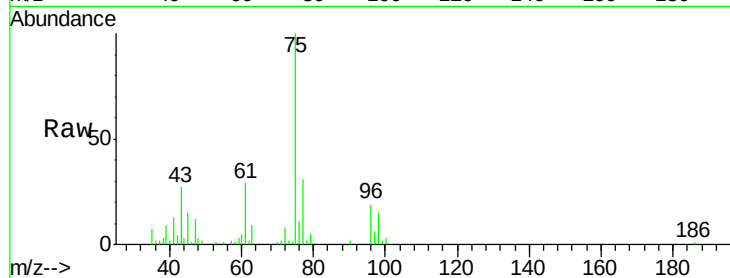




#26
 2,2-Dichloropropane
 Concen: 5.292 ug/l
 RT: 6.98 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

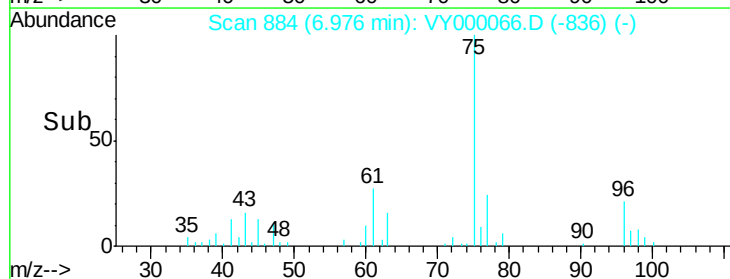
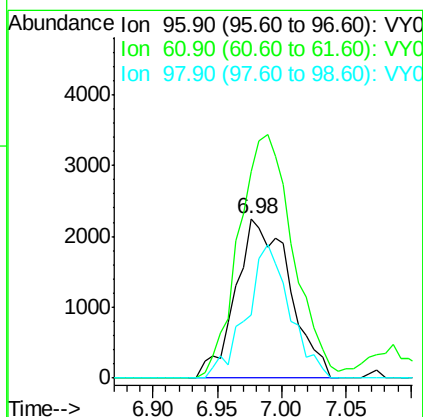
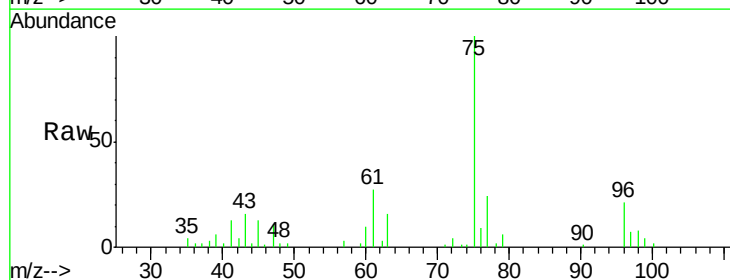
Instrument :
 MSVOA_Y
 ClientSampleId :

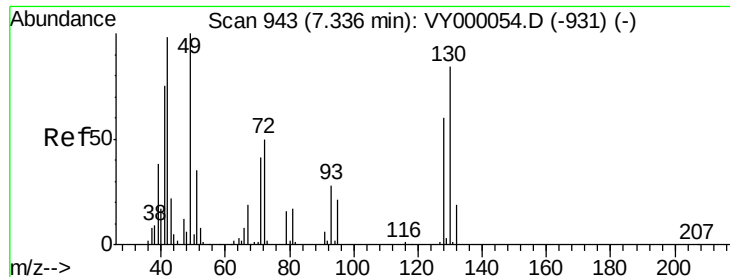
Tot Ion: 77 Resp: 10329
 Ion Ratio Lower Upper
 77 100
 97 19.4 12.5 37.5



#27
 cis-1,2-Dichloroethene
 Concen: 4.583 ug/l
 RT: 6.98 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion: 96 Resp: 6527
 Ion Ratio Lower Upper
 96 100
 61 153.6 0.0 263.0
 98 66.7 0.0 130.2

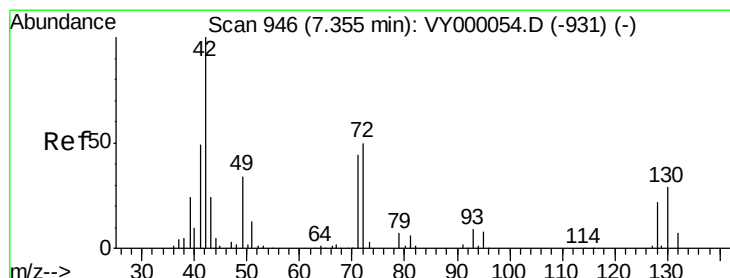
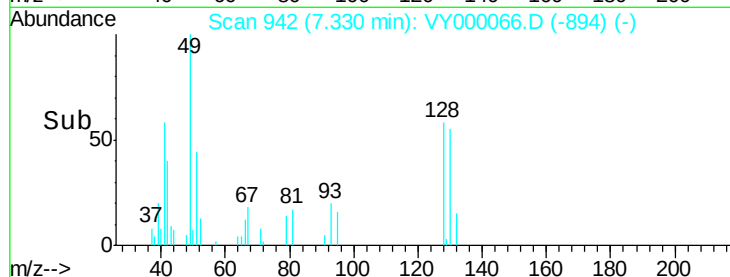
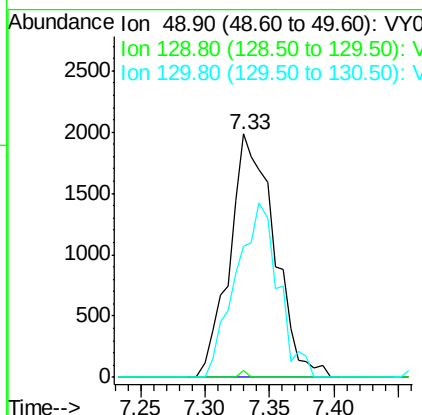
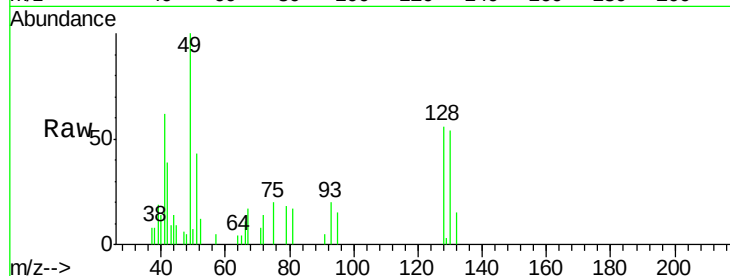




#28
Bromochloromethane
Concen: 4.979 ug/l
RT: 7.33 min Scan# 942
Delta R.T. -0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

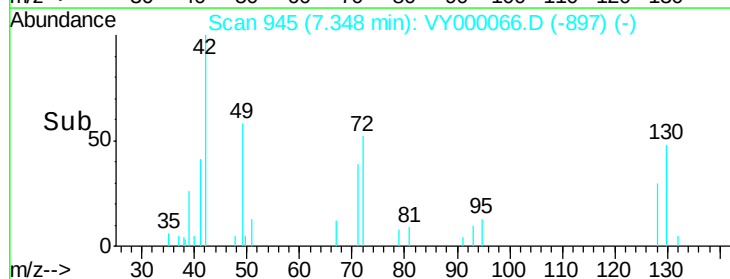
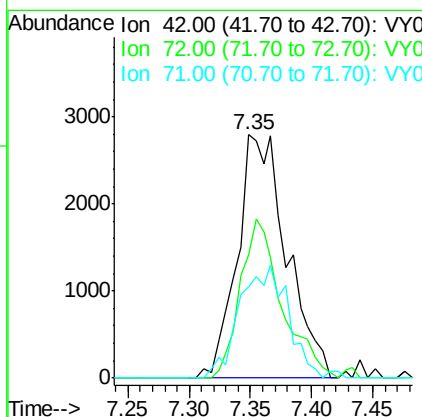
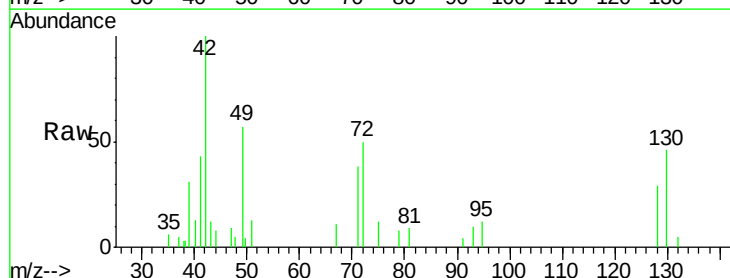
Instrument :
MSVOA_Y
ClientSampled :

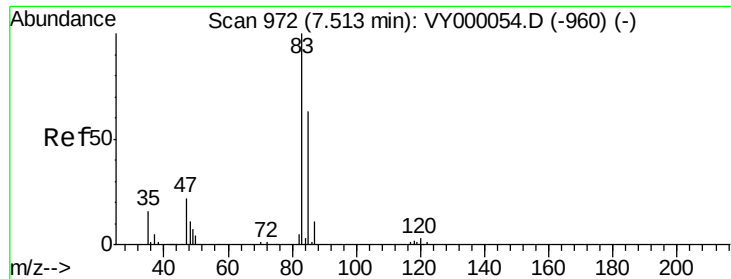
Tot Ion: 49 Resp: 4773
Ion Ratio Lower Upper
49 100
129 0.4 0.0 4.8
130 67.8 66.2 99.4



#29
Tetrahydrofuran
Concen: 25.993 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion: 42 Resp: 7852
Ion Ratio Lower Upper
42 100
72 55.1 41.8 62.6
71 45.1 38.6 58.0

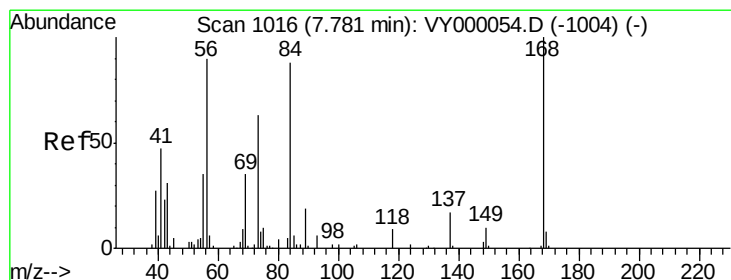
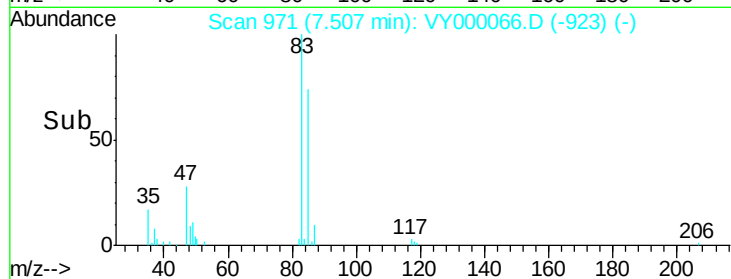
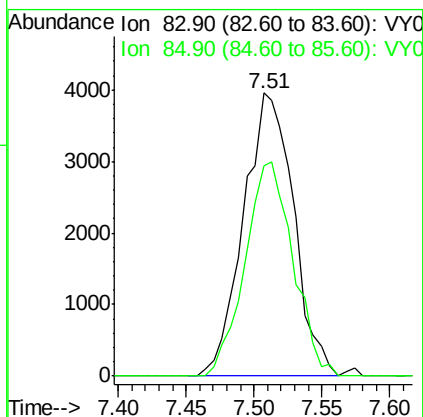
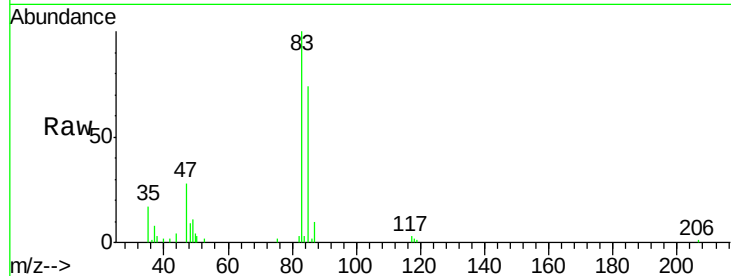




#30
Chloroform
Concen: 4.764 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

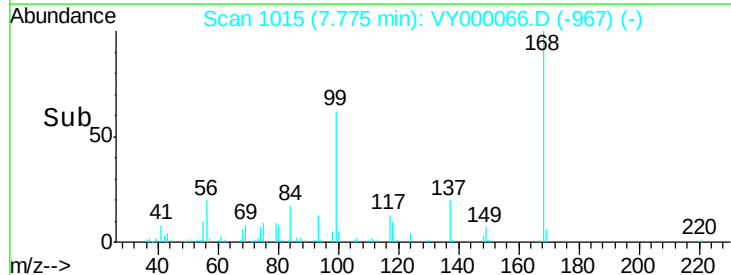
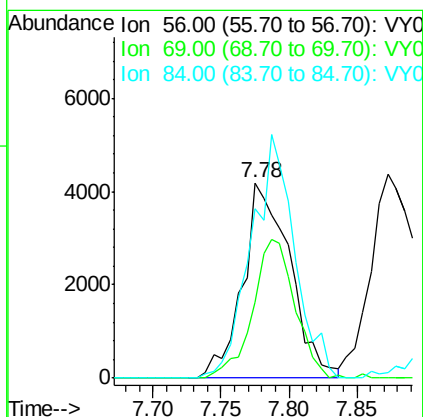
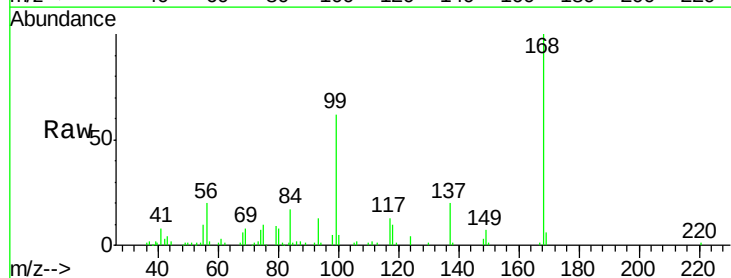
Instrument :
MSVOA_Y
ClientSampleId :

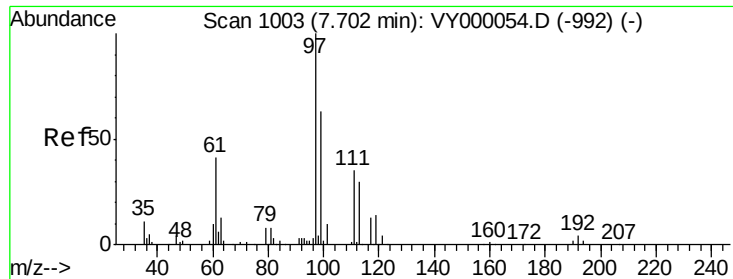
Tot Ion: 83 Resp: 10169
Ion Ratio Lower Upper
83 100
85 74.4 50.6 76.0



#31
Cyclohexane
Concen: 2.627 ug/l
RT: 7.78 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion: 56 Resp: 10133
Ion Ratio Lower Upper
56 100
69 38.7 30.9 46.3
84 86.4 78.5 117.7





#32

1,1,1-Trichloroethane

Concen: 4.486 ug/l

RT: 7.70 min Scan# 1003

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampled :

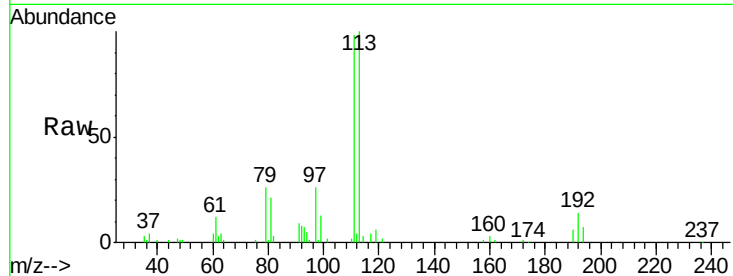
Tot Ion: 97 Resp: 7777

Ion Ratio Lower Upper

97 100

99 62.9 51.8 77.6

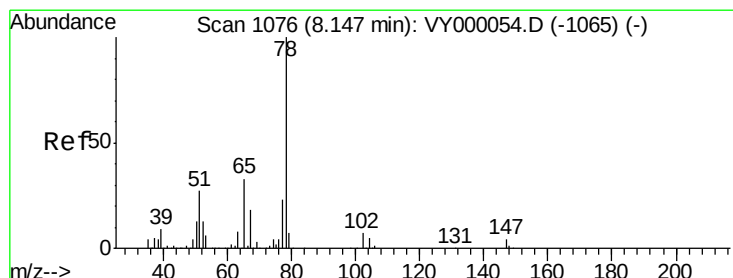
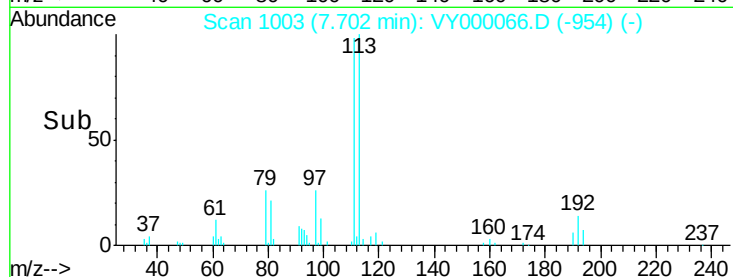
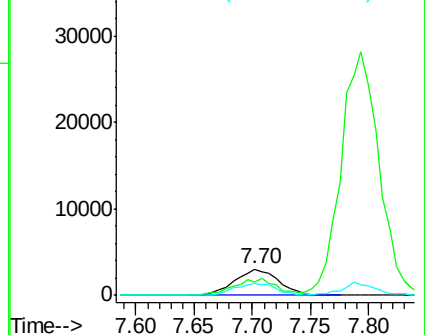
61 45.6 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 53.919 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000066.D

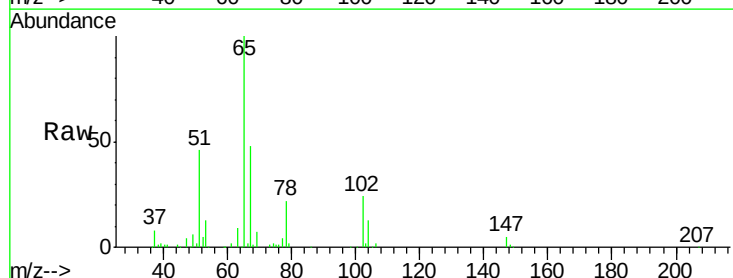
Acq: 18 Sep 2019 17:26

Tgt Ion: 65 Resp: 64335

Ion Ratio Lower Upper

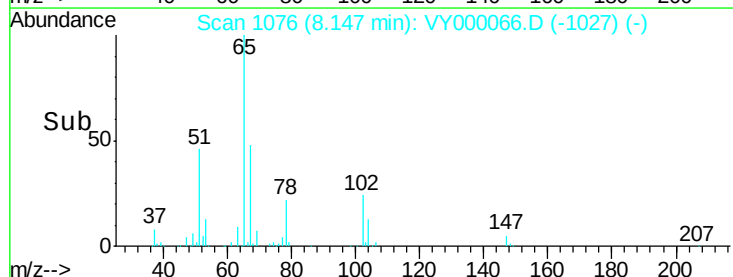
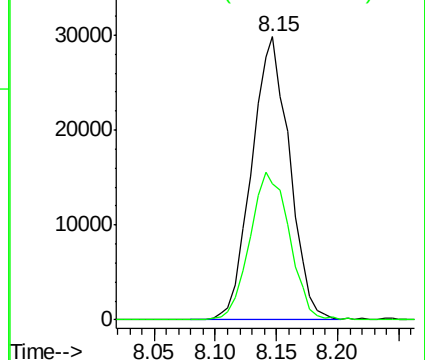
65 100

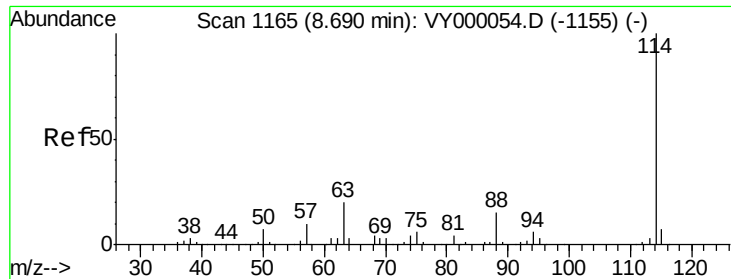
67 54.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

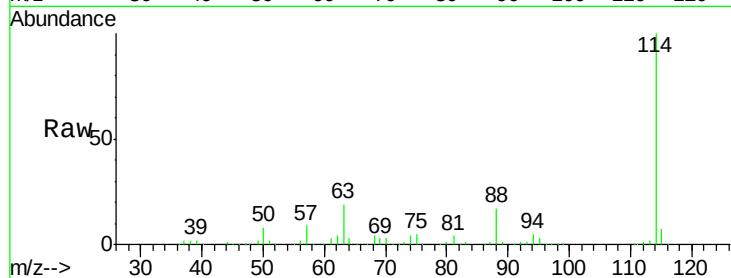




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :

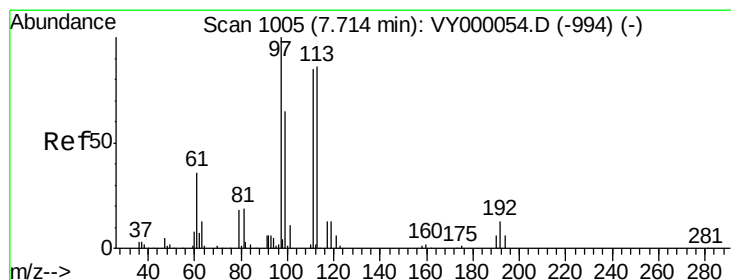
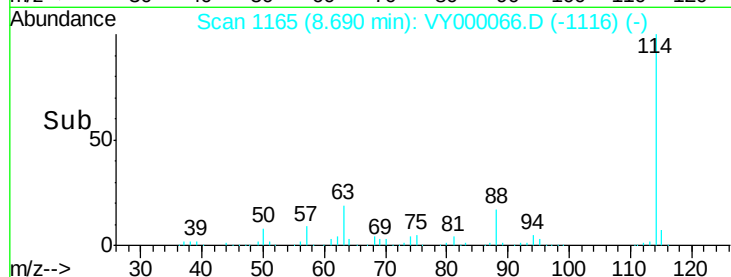
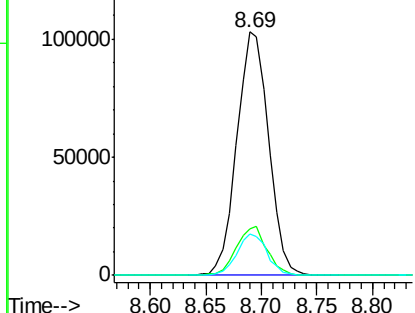
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.4
88	16.9	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

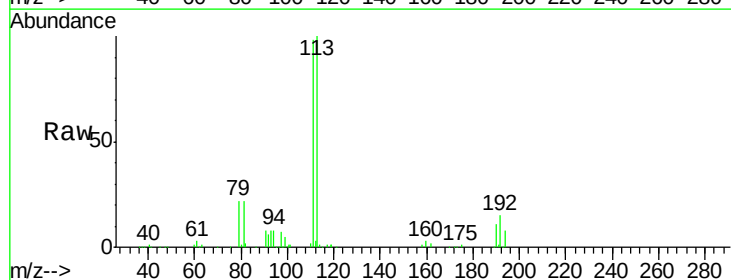
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
 Dibromofluoromethane
 Concen: 48.955 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

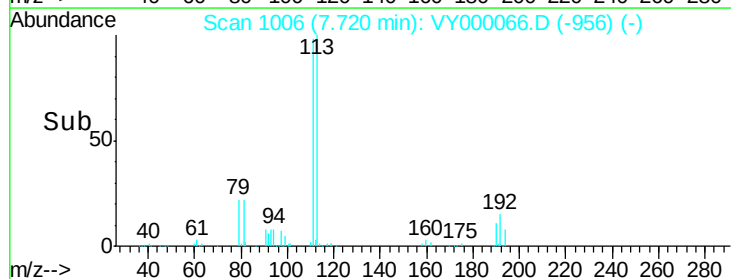
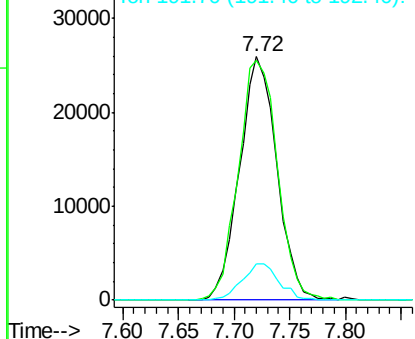
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.7	122.5
192	14.7	13.4	20.2

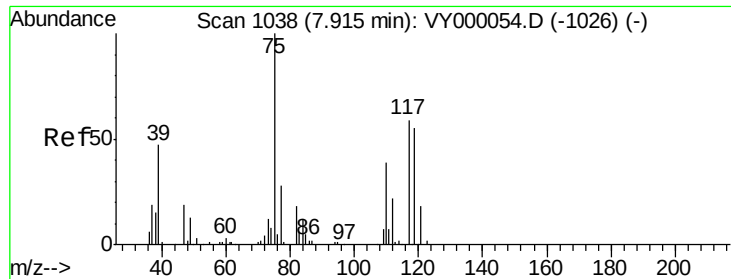


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

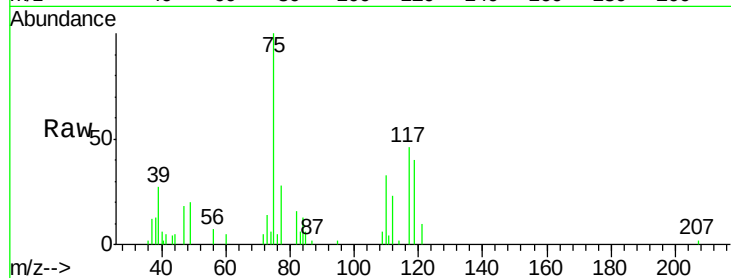




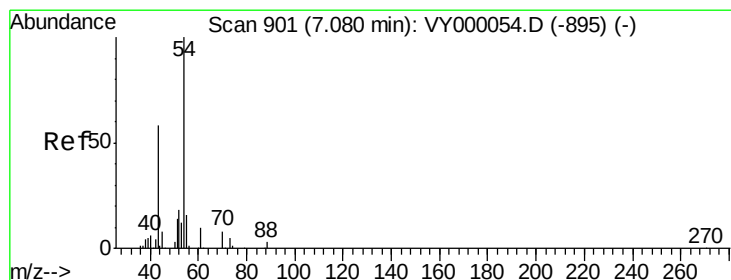
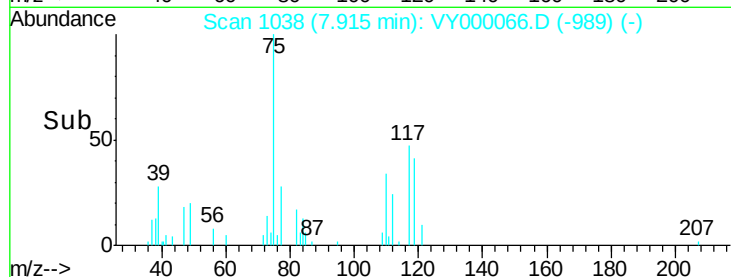
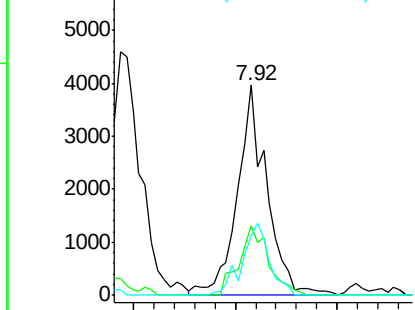
#36
 1,1-Dichloropropene
 Concen: 5.212 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 75 Resp: 7942
 Ion Ratio Lower Upper
 75 100
 110 33.2 19.6 58.7
 77 31.4 24.3 36.5

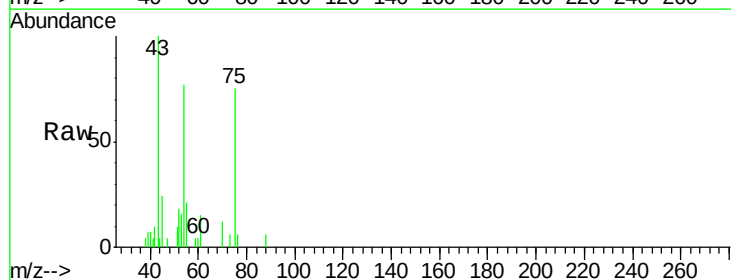


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

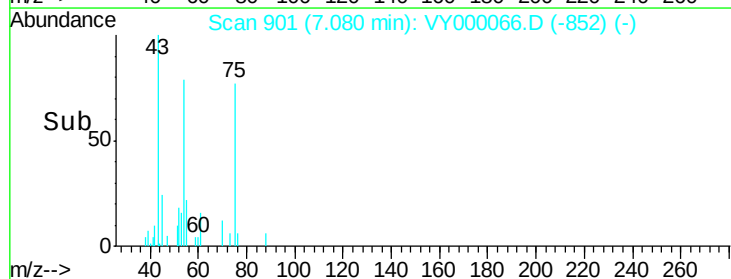
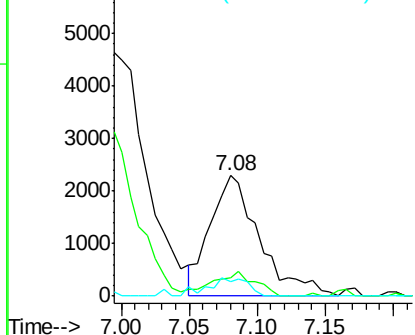


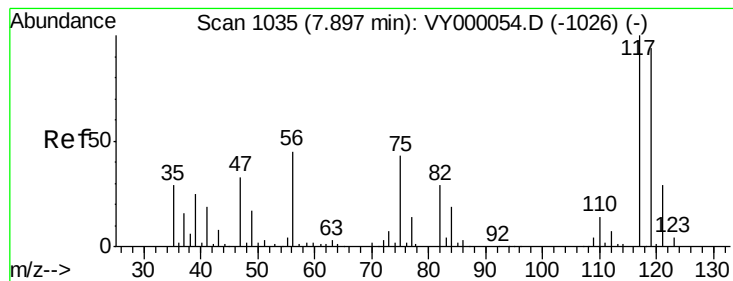
#37
 Ethyl Acetate
 Concen: 5.690 ug/l
 RT: 7.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion: 43 Resp: 5780
 Ion Ratio Lower Upper
 43 100
 61 16.0 14.1 21.1
 70 12.0 10.6 15.8



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: 4.494 ug/l

RT: 7.90 min Scan# 1036

Delta R.T. 0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

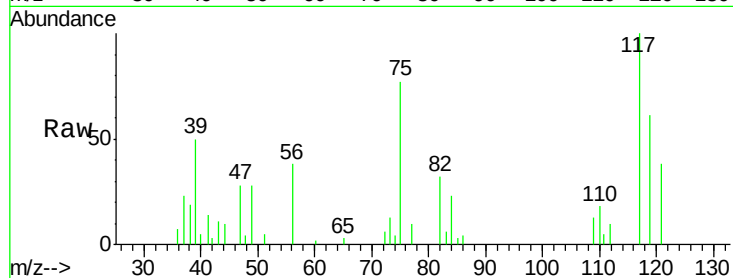
Tot Ion:117 Resp: 6464

Ion Ratio Lower Upper

117 100

119 61.3 75.0 112.6#

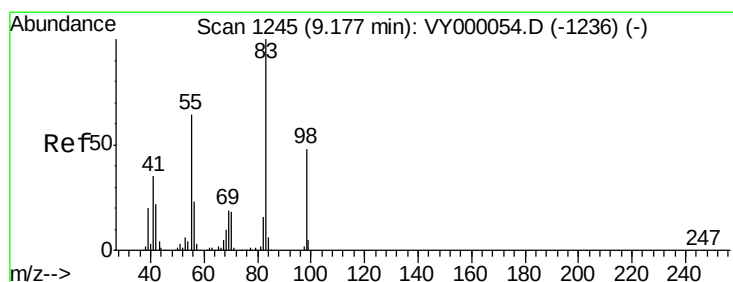
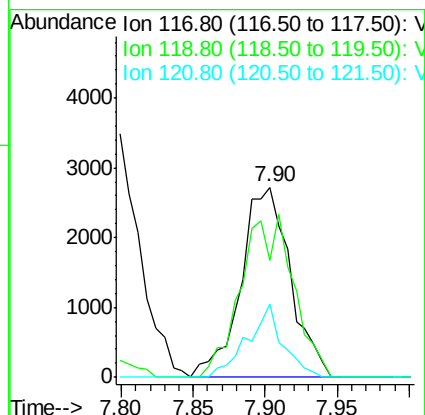
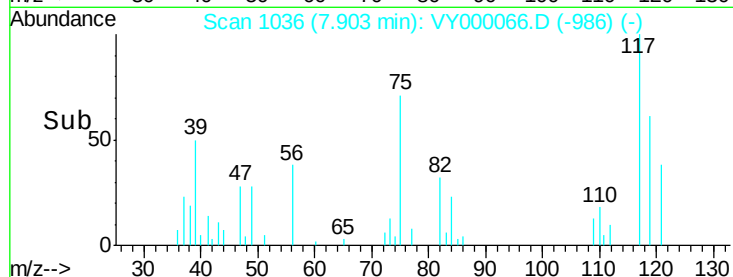
121 38.4 22.8 34.2#



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

Methylcyclohexane

Concen: 5.339 ug/l

RT: 9.18 min Scan# 1245

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

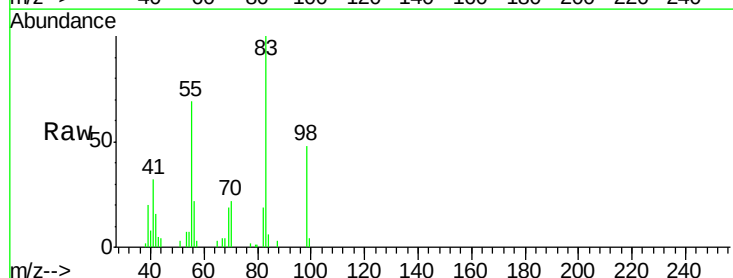
Tgt Ion: 83 Resp: 10005

Ion Ratio Lower Upper

83 100

55 68.8 51.0 76.6

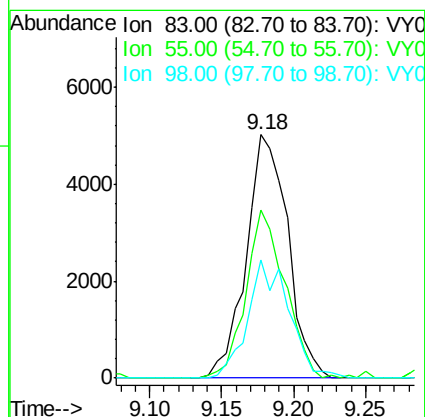
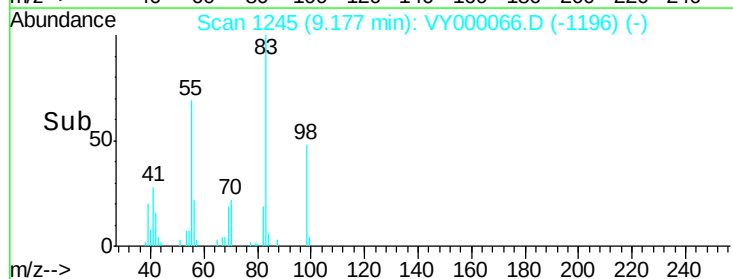
98 48.5 38.5 57.7

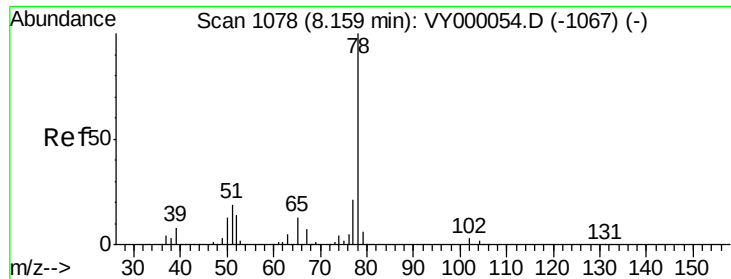


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#40

Benzene

Concen: 4.694 ug/l

RT: 8.16 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

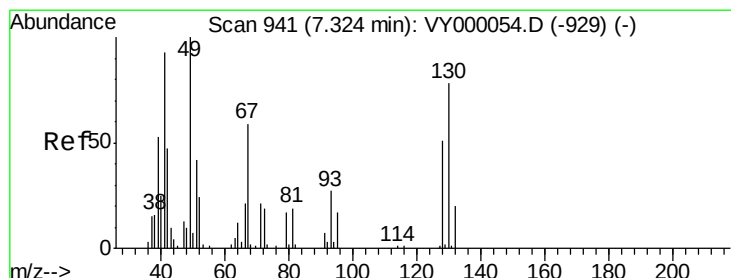
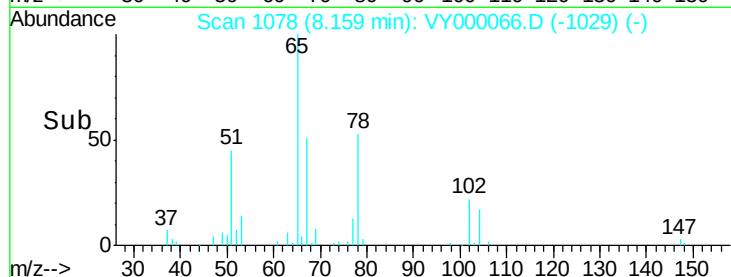
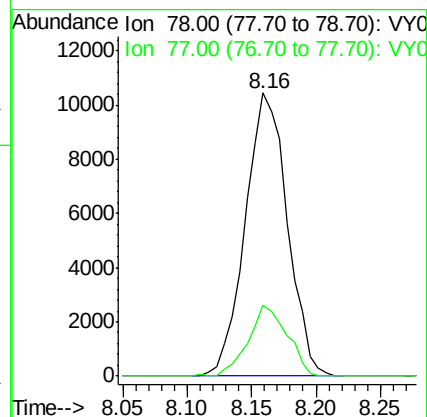
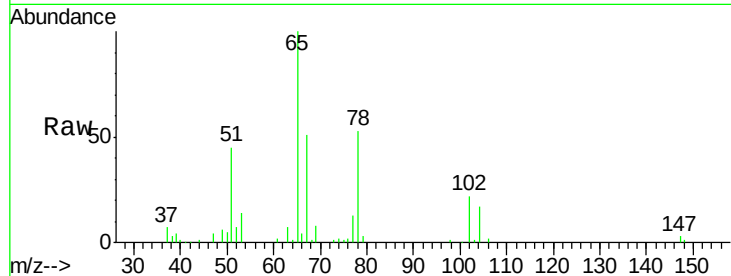
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 78 Resp: 23626

Ion Ratio Lower Upper

78 100

77 25.1 16.8 25.2



#41

Methacrylonitrile

Concen: 6.027 ug/l

RT: 7.31 min Scan# 938

Delta R.T. -0.02 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Tgt Ion: 41 Resp: 1481

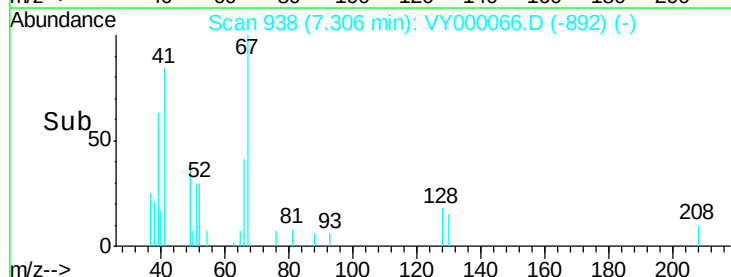
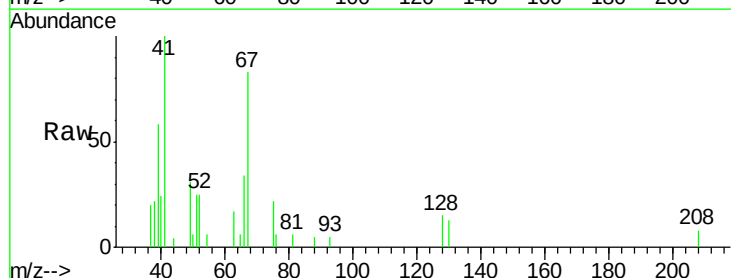
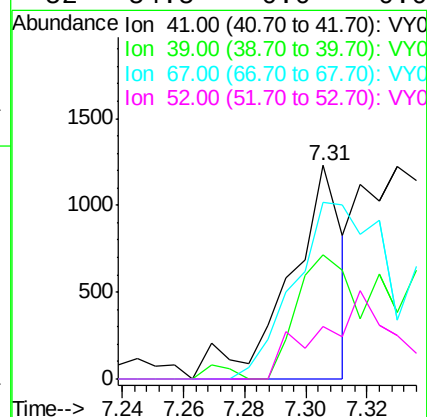
Ion Ratio Lower Upper

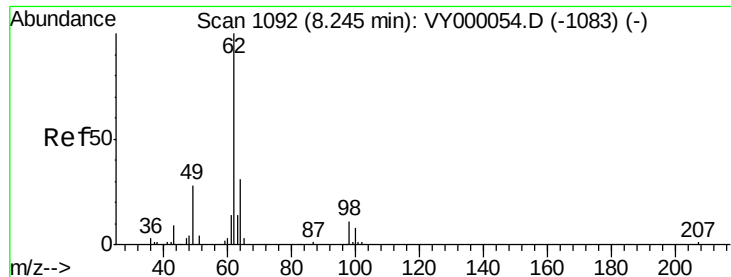
41 100

39 62.1 91.8 137.6#

67 172.5 0.0 0.0#

52 54.5 0.0 0.0#

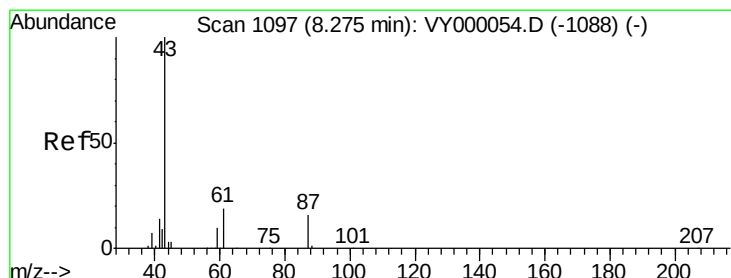
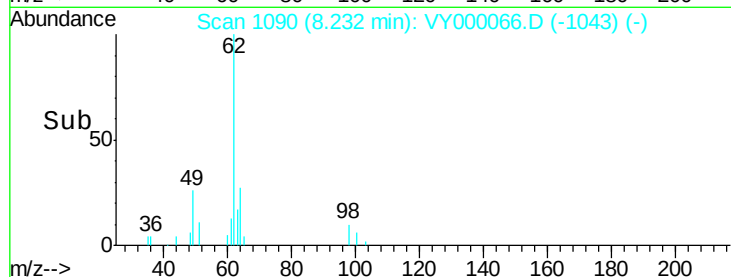
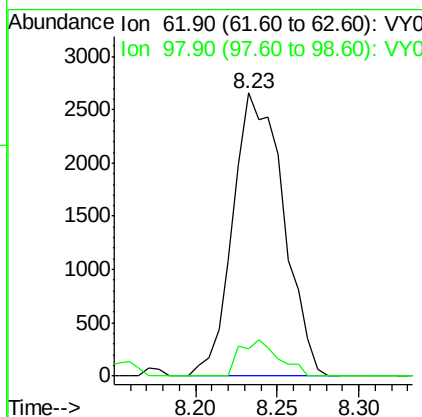
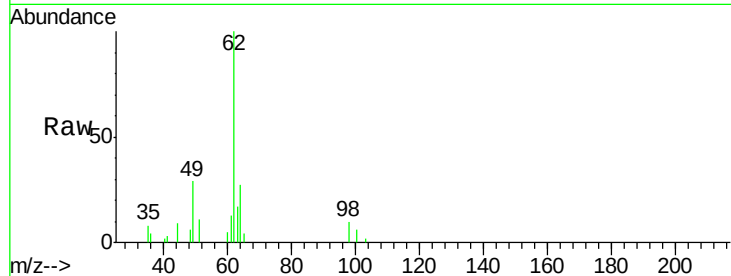




#42
 1,2-Dichloroethane
 Concen: 4.299 ug/l
 RT: 8.23 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

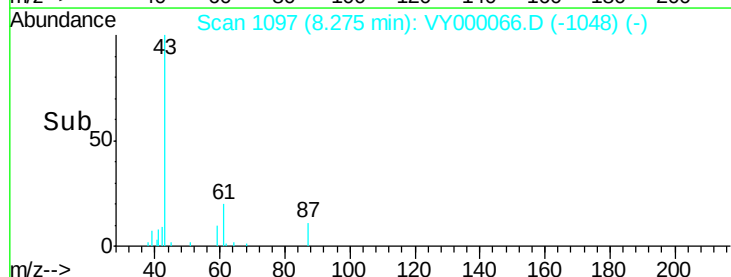
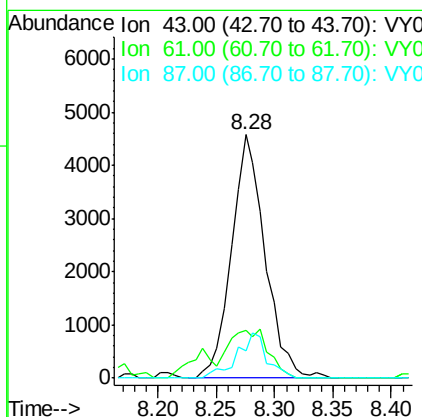
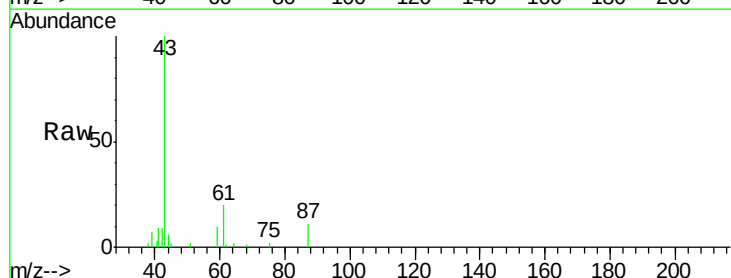
Instrument :
 MSVOA_Y
 ClientSampled :

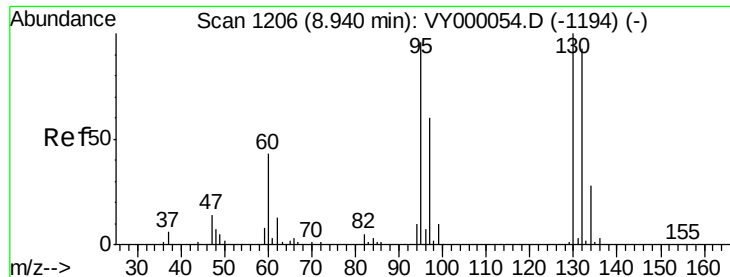
Tot Ion: 62 Resp: 5732
 Ion Ratio Lower Upper
 62 100
 98 9.9 0.0 23.6



#43
 Isopropyl Acetate
 Concen: 4.610 ug/l
 RT: 8.28 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion: 43 Resp: 9158
 Ion Ratio Lower Upper
 43 100
 61 23.4 25.0 37.6#
 87 16.5 12.4 18.6





#44

Trichloroethene

Concen: 4.619 ug/l

RT: 8.95 min Scan# 1207

Delta R.T. 0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

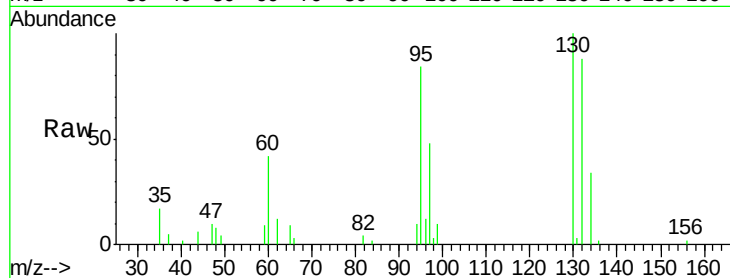
ClientSampled :

Tot Ion:130 Resp: 5939

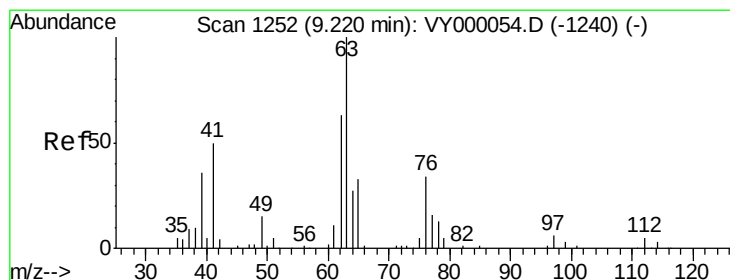
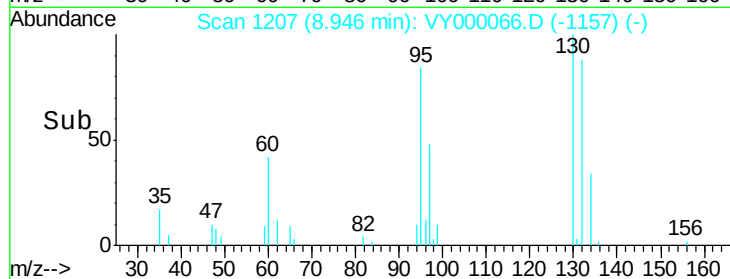
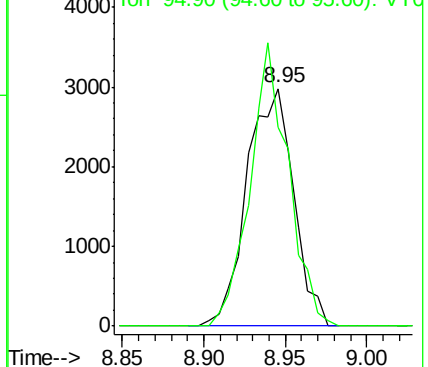
Ion Ratio Lower Upper

130 100

95 83.8 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): VY000054.D (-1194) (-)



#45

1,2-Dichloropropane

Concen: 4.350 ug/l

RT: 9.21 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VY000066.D

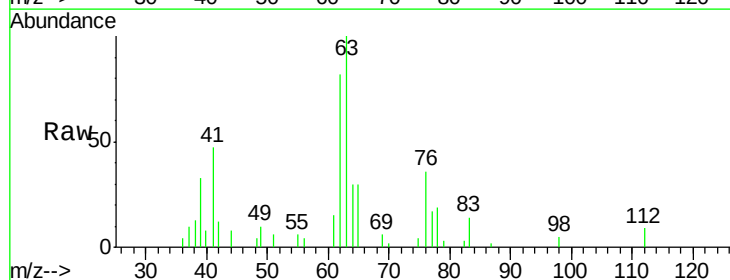
Acq: 18 Sep 2019 17:26

Tgt Ion: 63 Resp: 5672

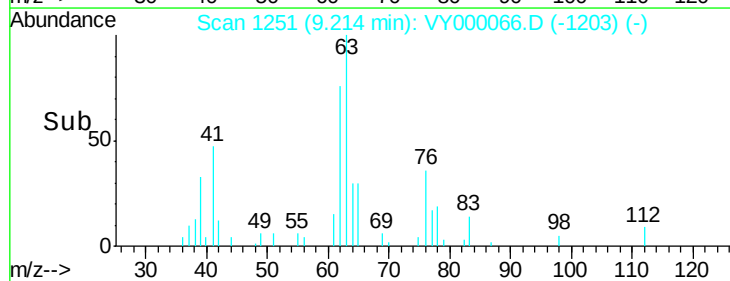
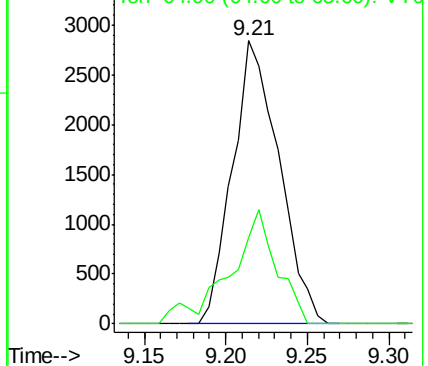
Ion Ratio Lower Upper

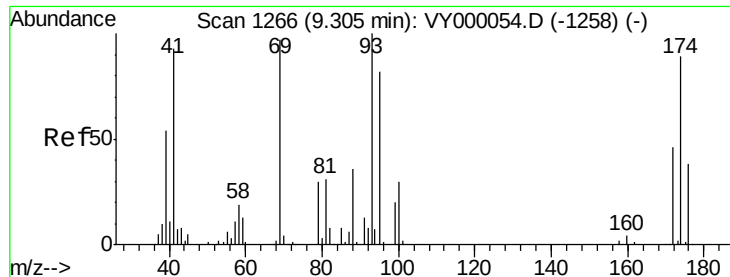
63 100

65 30.4 26.2 39.4



Abundance Ion 62.90 (62.60 to 63.60): VY000054.D (-1240) (-)





#46

Dibromomethane

Concen: 4.681 ug/l

RT: 9.31 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

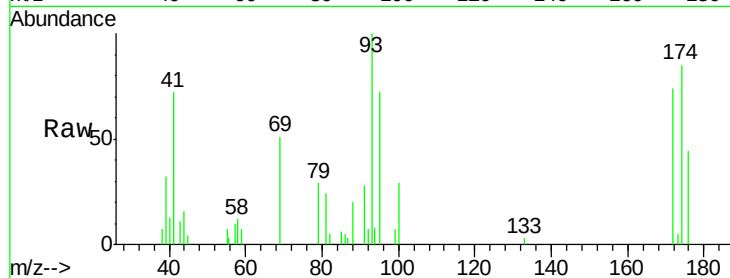
Tot Ion: 93 Resp: 3334

Ion Ratio Lower Upper

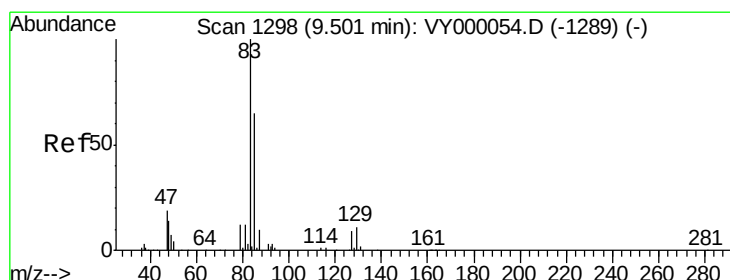
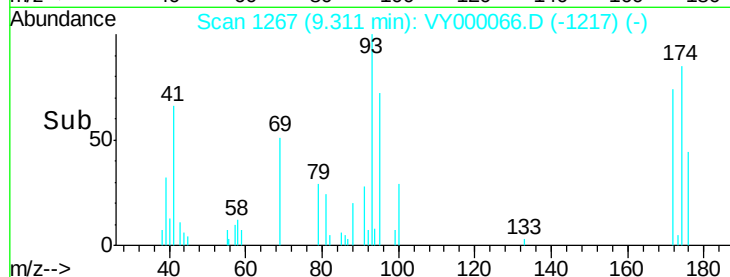
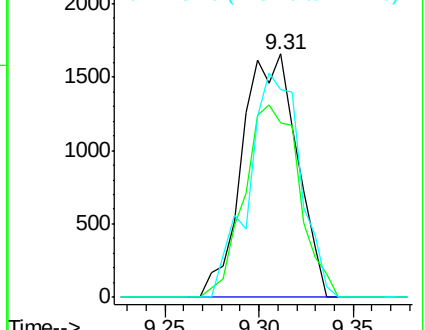
93 100

95 79.3 68.1 102.1

174 87.6 67.8 101.6



Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 4.361 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

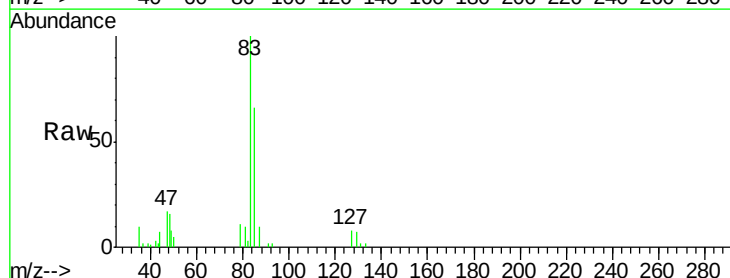
Tgt Ion: 83 Resp: 7537

Ion Ratio Lower Upper

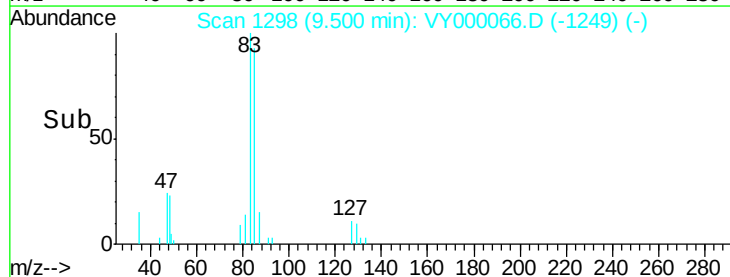
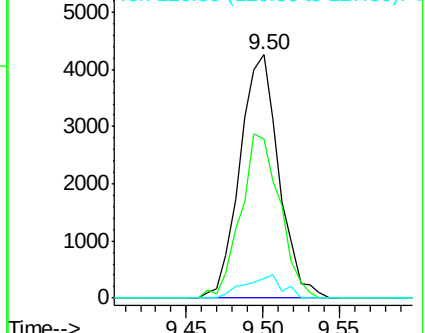
83 100

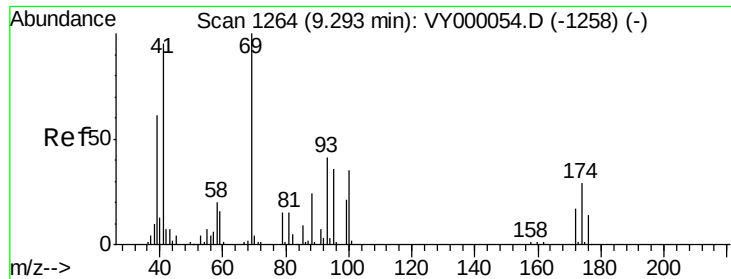
85 65.5 52.3 78.5

127 8.1 6.8 10.2



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

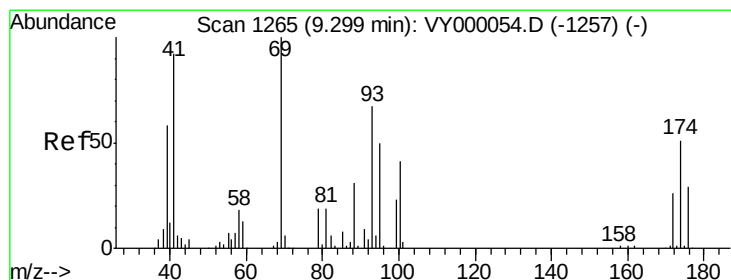
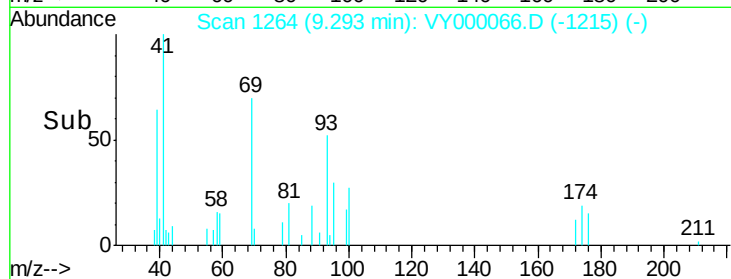
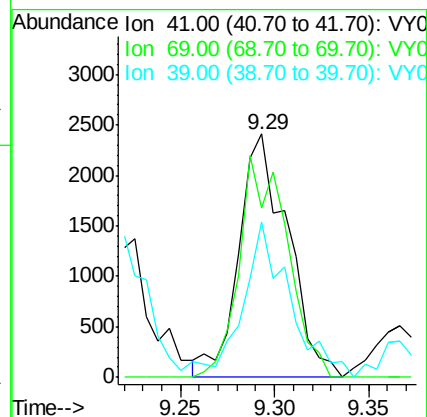
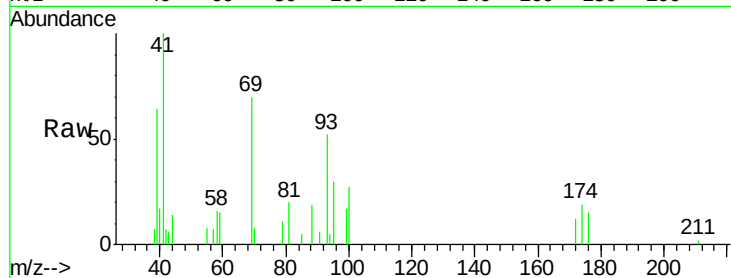




#48
Methyl methacrylate
Concen: 4.964 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

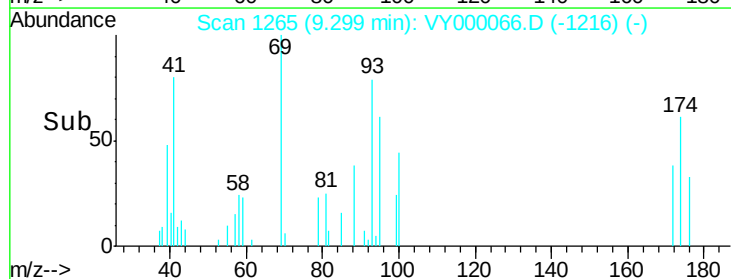
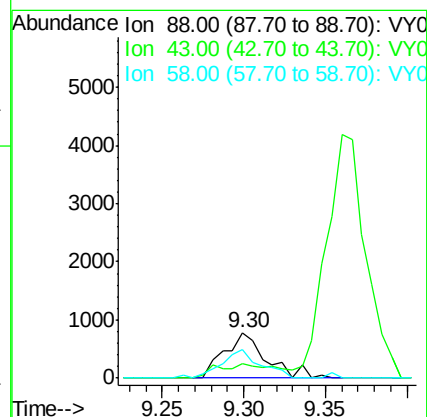
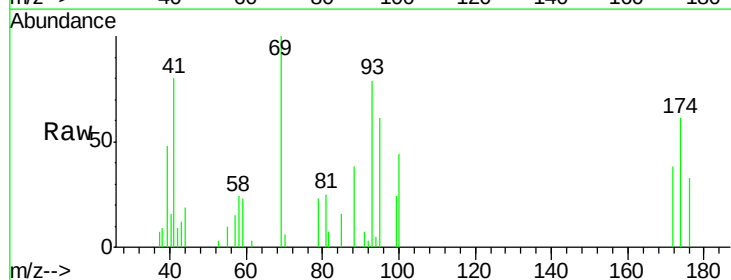
Instrument :
MSVOA_Y
ClientSampled :

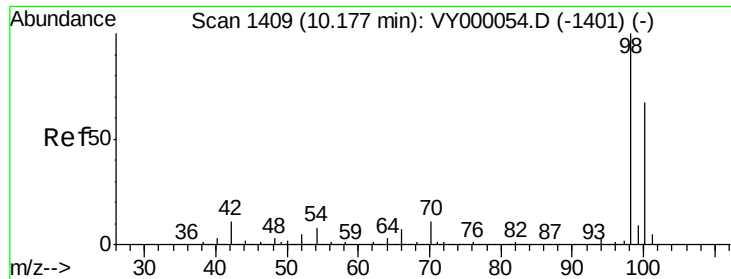
Tot Ion: 41 Resp: 4337
Ion Ratio Lower Upper
41 100
69 89.2 78.1 117.1
39 59.4 49.4 74.0



#49
1,4-Dioxane
Concen: 99.875 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion: 88 Resp: 1381
Ion Ratio Lower Upper
88 100
43 46.0 18.7 28.1#
58 58.3 53.0 79.6

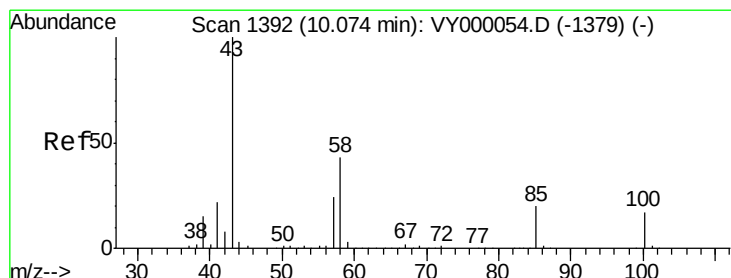
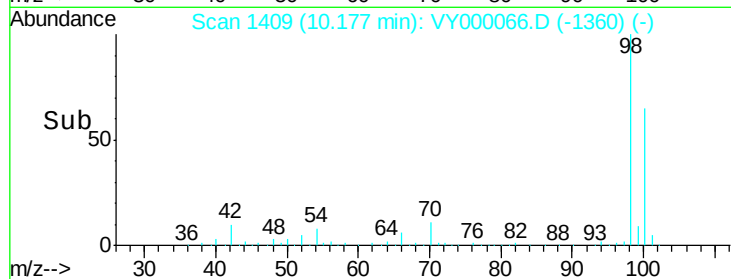
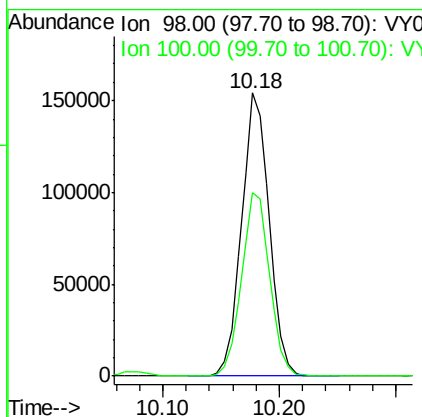
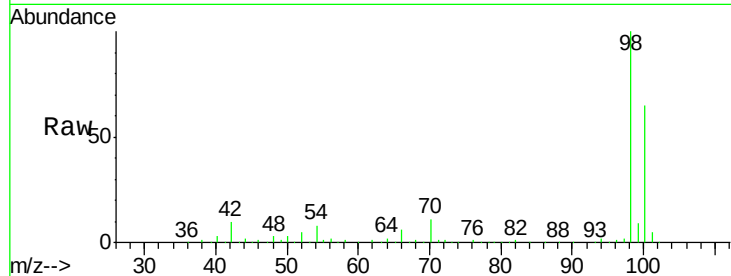




#50
Toluene-d8
Concen: 52.559 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

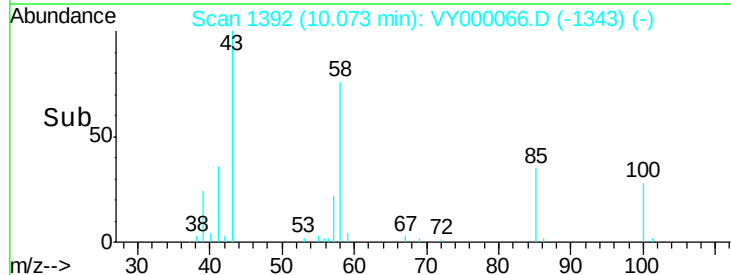
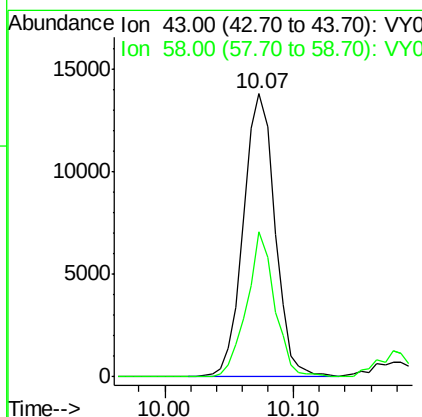
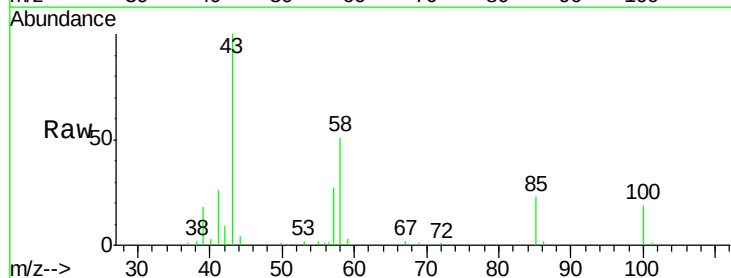
Instrument :
MSVOA_Y
ClientSampled :

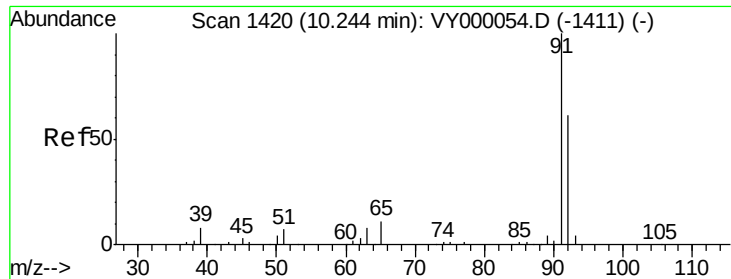
Tot Ion: 98 Resp: 254740
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 21.598 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion: 43 Resp: 23426
Ion Ratio Lower Upper
43 100
58 45.0 34.2 51.2





#52

Toluene

Concen: 4.763 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

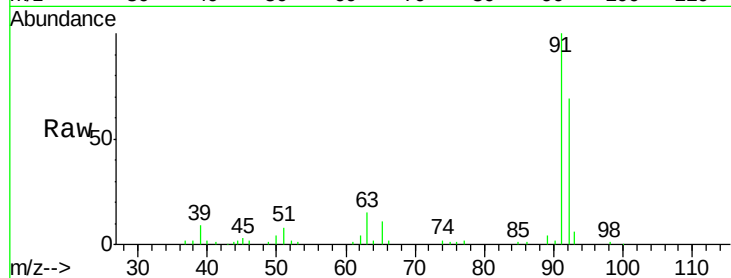
ClientSampleId :

Tot Ion: 92 Resp: 15232

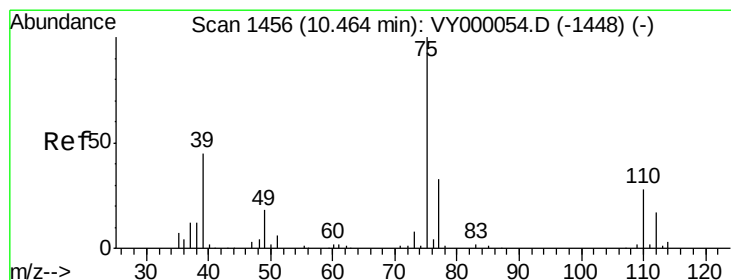
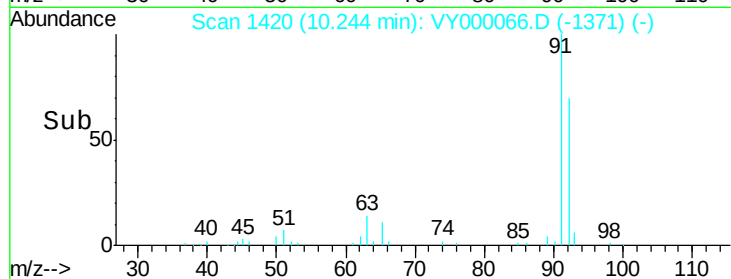
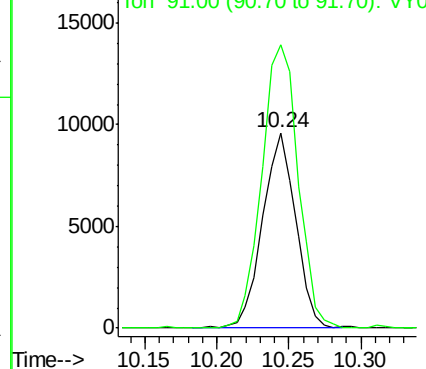
Ion Ratio Lower Upper

92 100

91 159.4 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VY000054.D (-1411) (-)



#53

t-1,3-Dichloropropene

Concen: 4.244 ug/l

RT: 10.47 min Scan# 1457

Delta R.T. 0.01 min

Lab File: VY000066.D

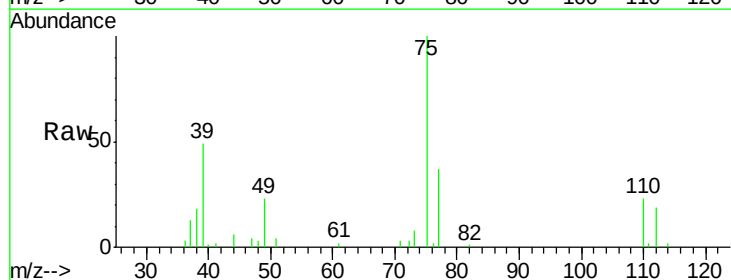
Acq: 18 Sep 2019 17:26

Tgt Ion: 75 Resp: 7776

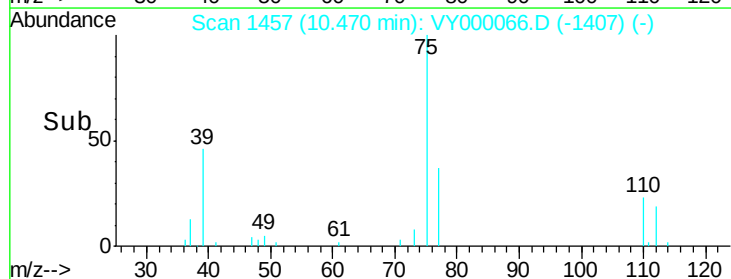
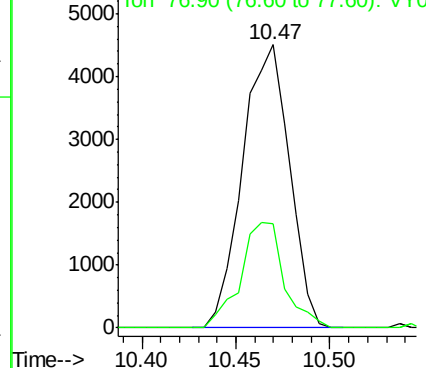
Ion Ratio Lower Upper

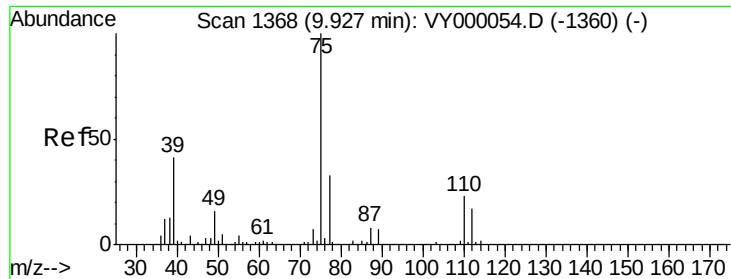
75 100

77 36.9 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VY000054.D (-1448) (-)



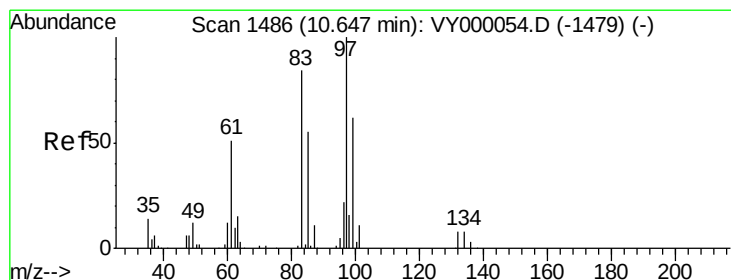
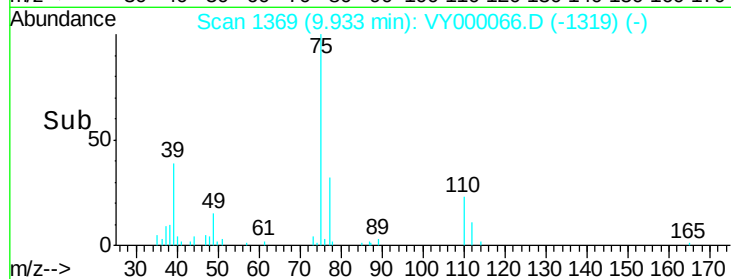
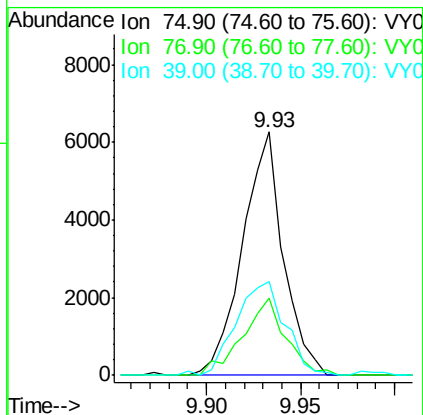
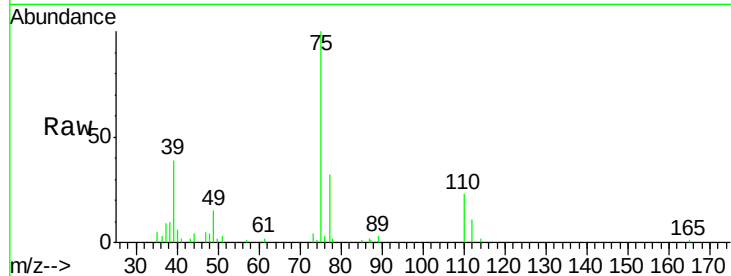


#54

cis-1,3-Dichloropropene
 Concen: 4.441 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :

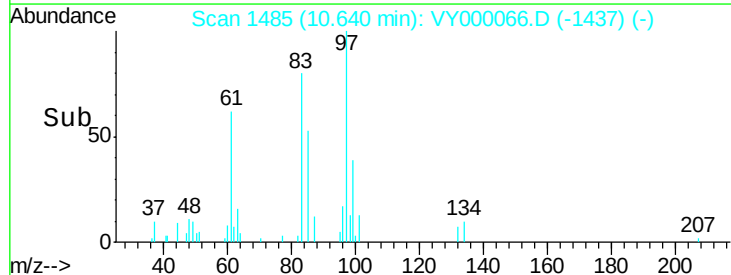
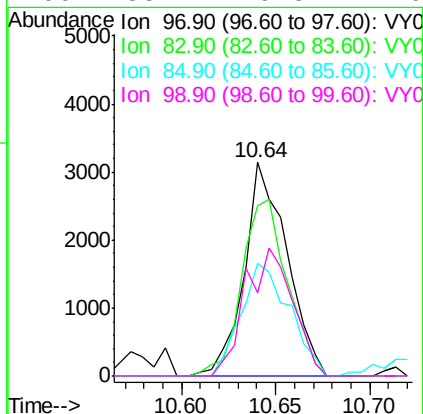
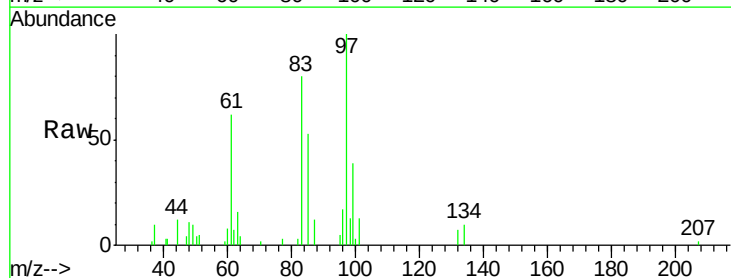
Tot Ion: 75 Resp: 9398
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.1 39.1
 39 38.5 33.1 49.7

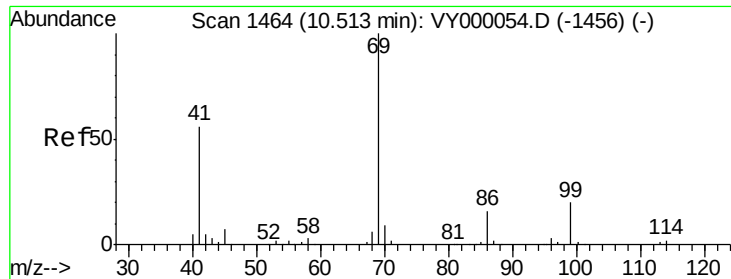


#55

1,1,2-Trichloroethane
 Concen: 4.421 ug/l
 RT: 10.64 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion: 97 Resp: 4936
 Ion Ratio Lower Upper
 97 100
 83 79.5 67.3 100.9
 85 52.9 43.6 65.4
 99 38.7 49.8 74.6#

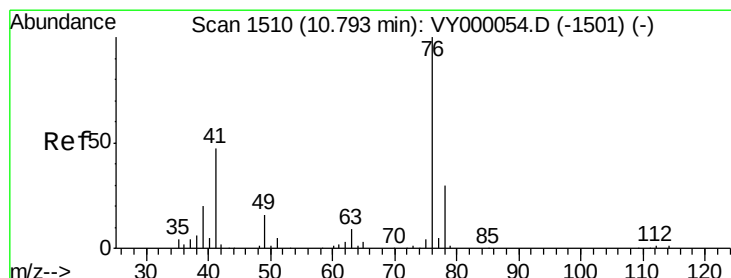
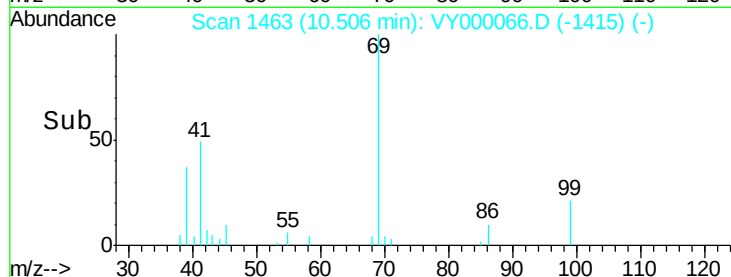
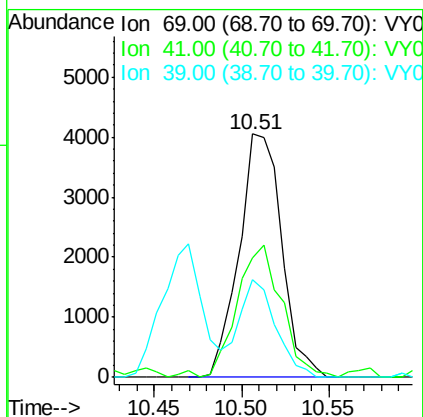
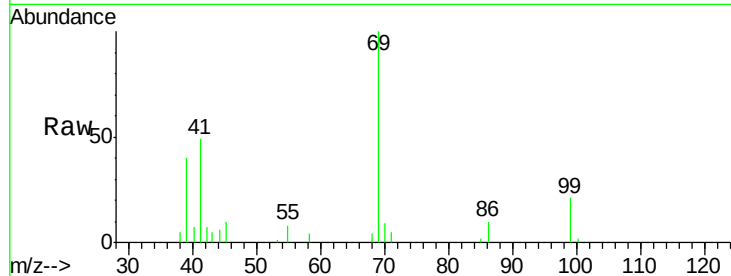




#56
Ethyl methacrylate
Concen: 4.328 ug/l
RT: 10.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

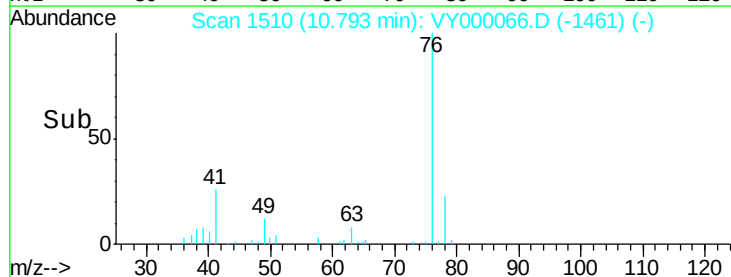
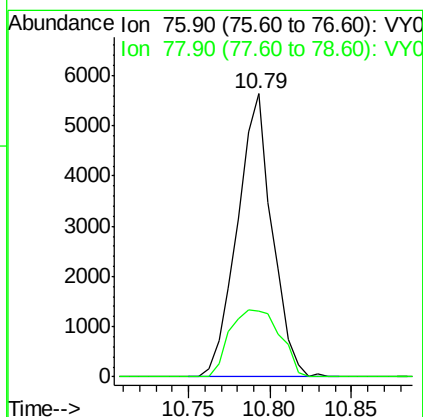
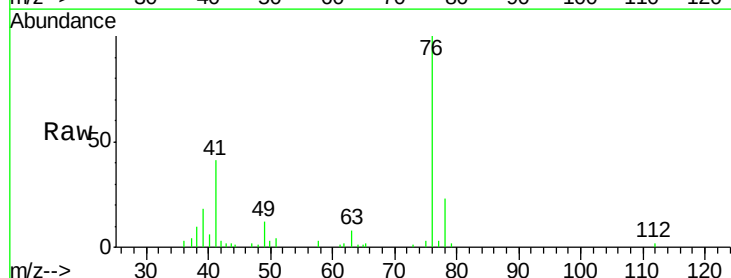
Instrument :
MSVOA_Y
ClientSampled :

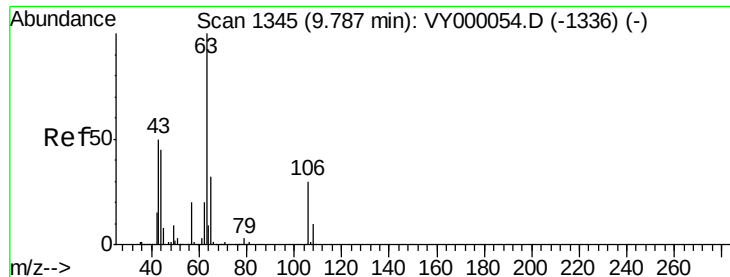
Tot Ion: 69 Resp: 6876
Ion Ratio Lower Upper
69 100
41 57.3 45.6 68.4
39 34.8 27.3 40.9



#57
1,3-Dichloropropane
Concen: 4.473 ug/l
RT: 10.79 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion: 76 Resp: 8390
Ion Ratio Lower Upper
76 100
78 34.1 26.6 40.0

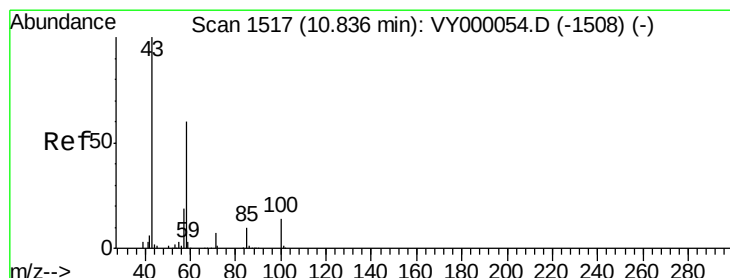
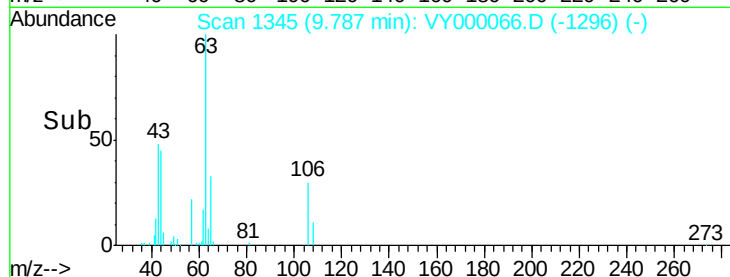
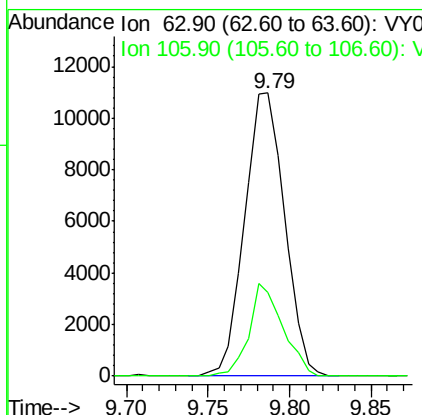
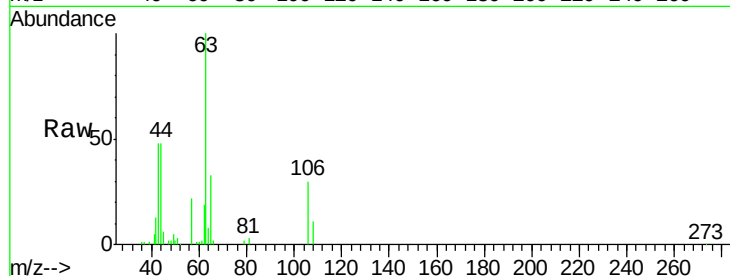




#58
2-Chloroethyl Vinyl ether
Concen: 21.856 ug/l
RT: 9.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

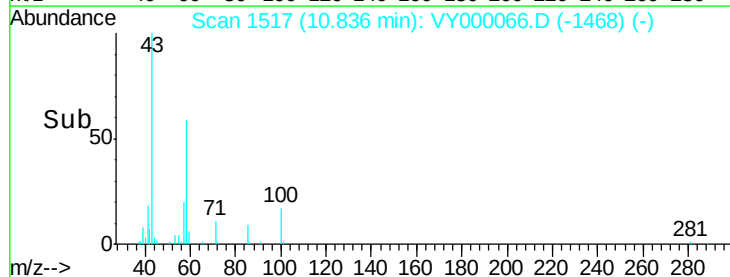
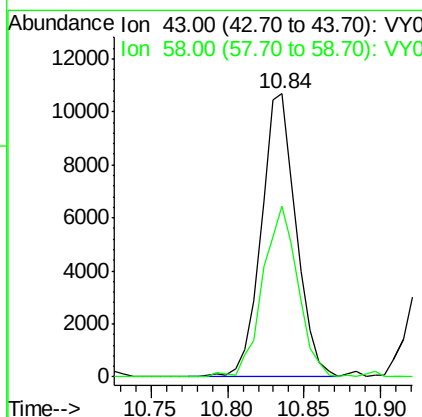
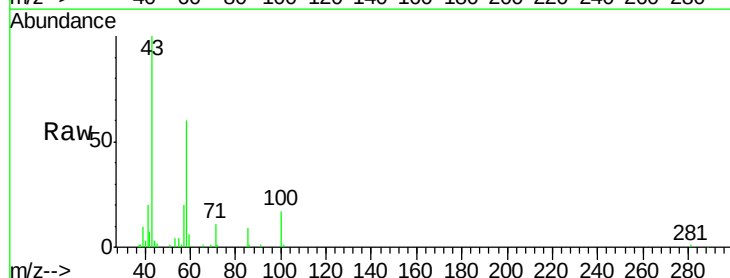
Instrument :
MSVOA_Y
ClientSampled :

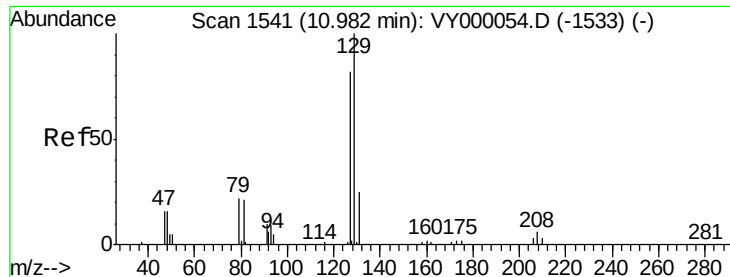
Tot Ion: 63 Resp: 18771
Ion Ratio Lower Upper
63 100
106 27.4 23.3 34.9



#59
2-Hexanone
Concen: 21.844 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion: 43 Resp: 16903
Ion Ratio Lower Upper
43 100
58 61.0 29.9 89.7





#60

Dibromochloromethane

Concen: 4.409 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. 0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

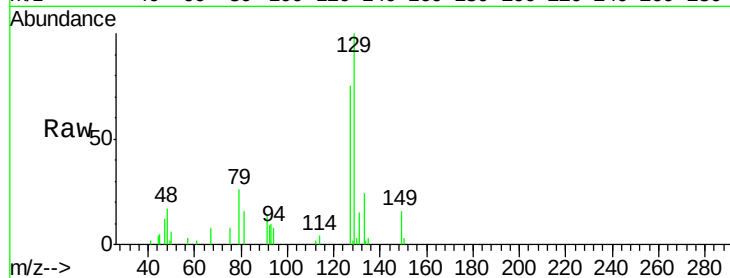
ClientSampleId :

Tot Ion:129 Resp: 5157

Ion Ratio Lower Upper

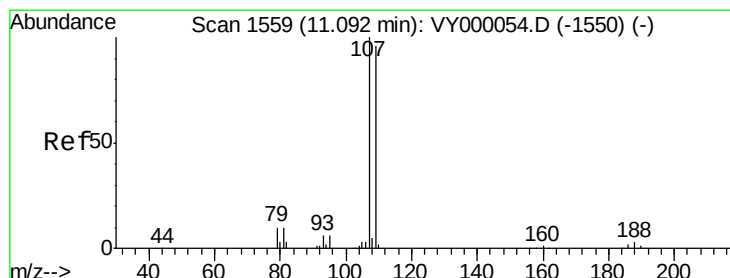
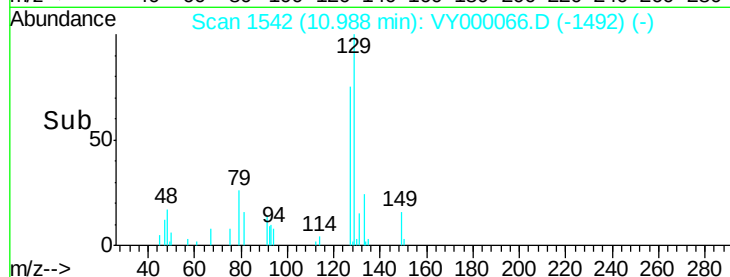
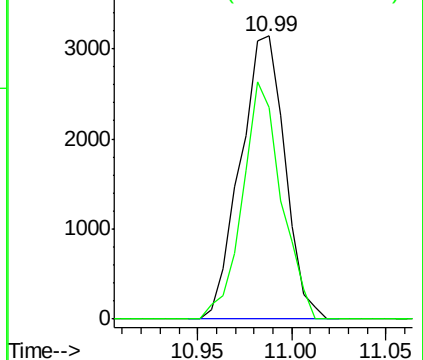
129 100

127 73.1 40.2 120.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 4.575 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. -0.01 min

Lab File: VY000066.D

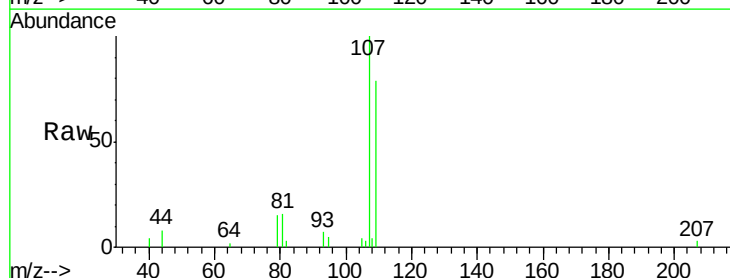
Acq: 18 Sep 2019 17:26

Tgt Ion:107 Resp: 4666

Ion Ratio Lower Upper

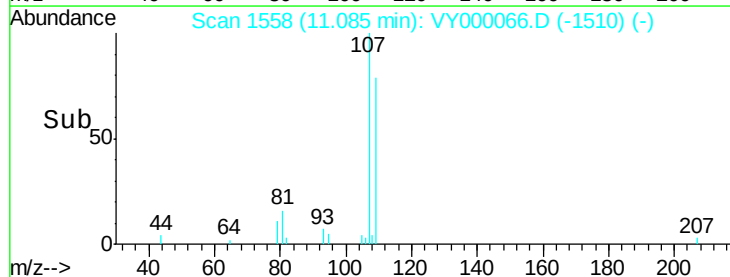
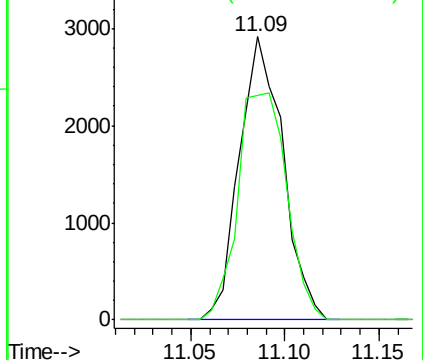
107 100

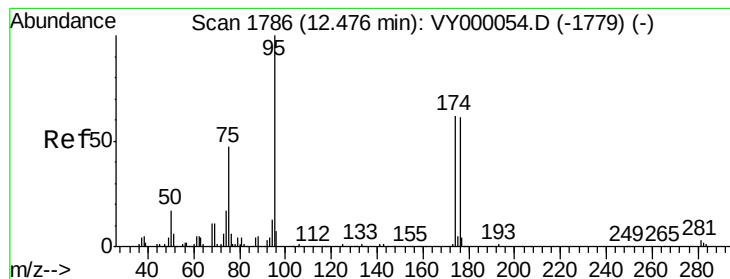
109 90.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 48.841 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

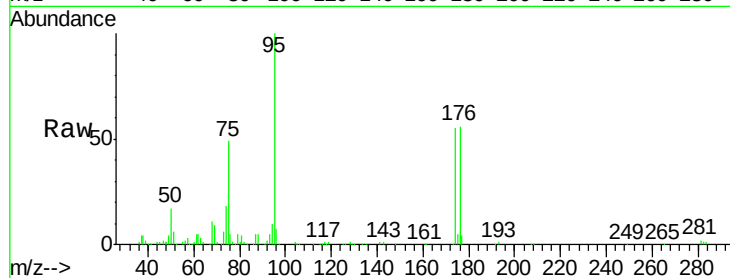
Tot Ion: 95 Resp: 87887

Ion	Ratio	Lower	Upper
95	100		
174	63.9	0.0	137.2
176	62.1	0.0	135.0

95 100

174 63.9 0.0 137.2

176 62.1 0.0 135.0

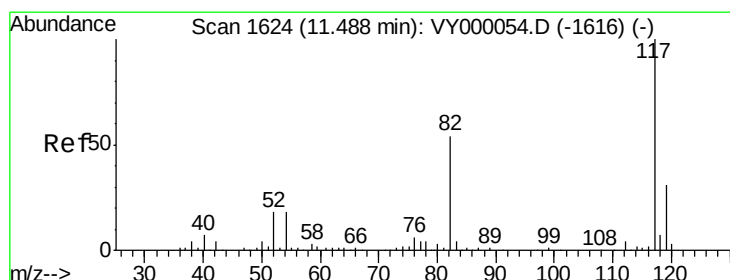
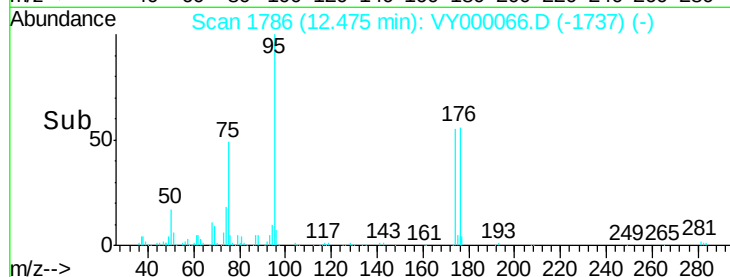
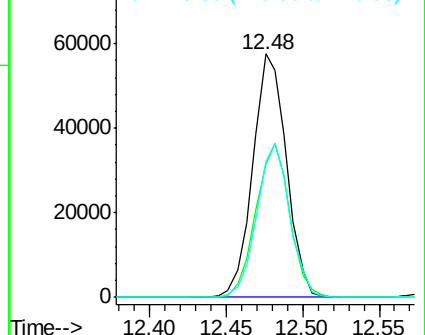


Abundance

Ion 94.90 (94.60 to 95.60): VY000054.D (-1779) (-)

Ion 173.80 (173.50 to 174.50): VY000054.D (-1779) (-)

Ion 175.80 (175.50 to 176.50): VY000054.D (-1779) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1624

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

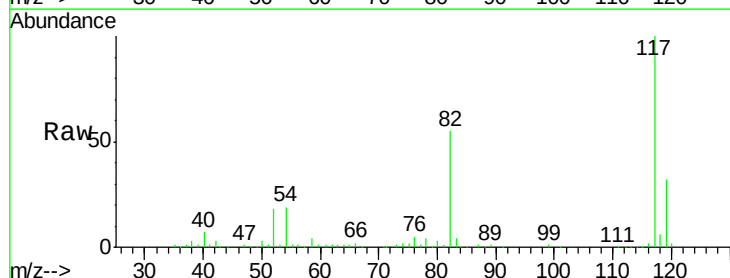
Tgt Ion: 117 Resp: 178893

Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.5	65.3
119	31.9	24.6	36.8

117 100

82 54.9 43.5 65.3

119 31.9 24.6 36.8

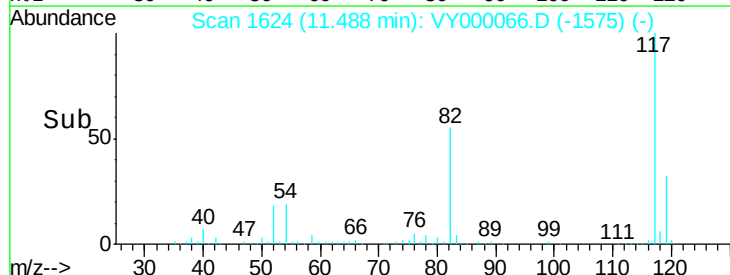
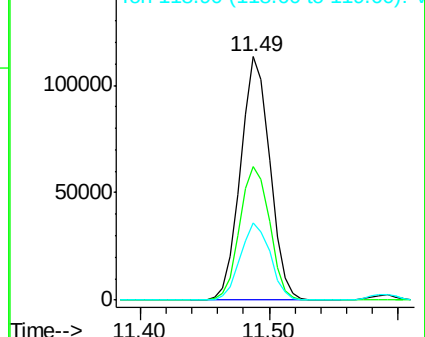


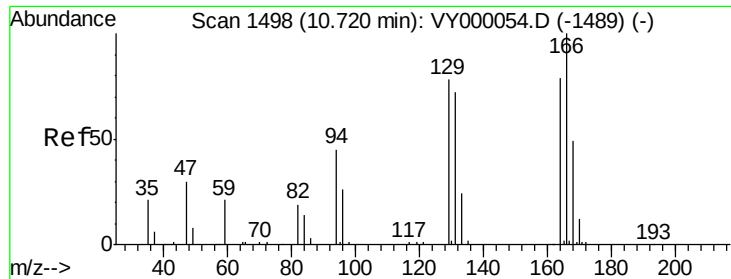
Abundance

Ion 116.90 (116.60 to 117.60): VY000054.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VY000054.D (-1616) (-)

Ion 118.90 (118.60 to 119.60): VY000054.D (-1616) (-)





#64

Tetrachloroethene

Concen: 4.832 ug/l

RT: 10.71 min Scan# 1497

Delta R.T. -0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:164 Resp: 5425

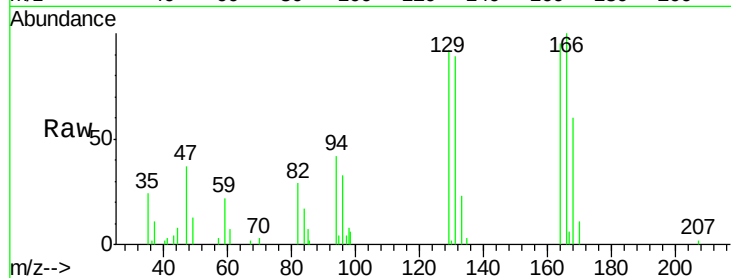
Ion Ratio Lower Upper

164 100

166 104.9 100.9 151.3

129 96.0 78.4 117.6

131 93.1 72.2 108.2

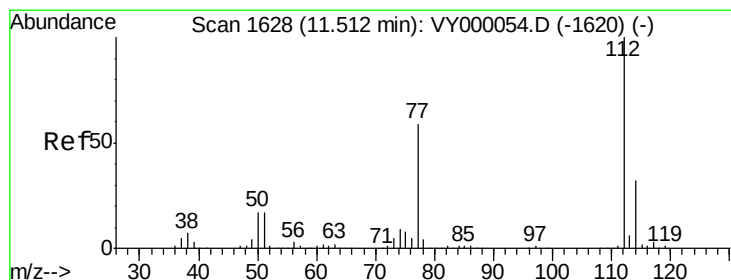
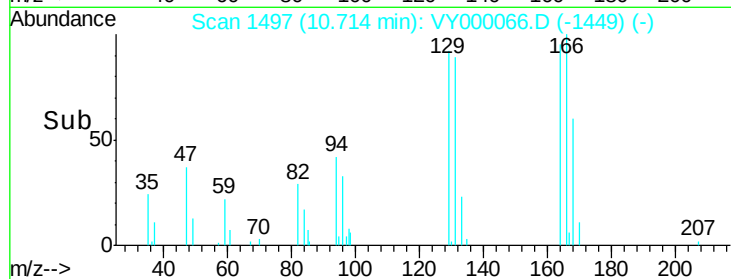
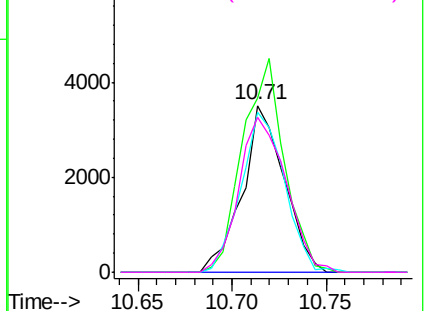


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 4.192 ug/l

RT: 11.51 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VY000066.D

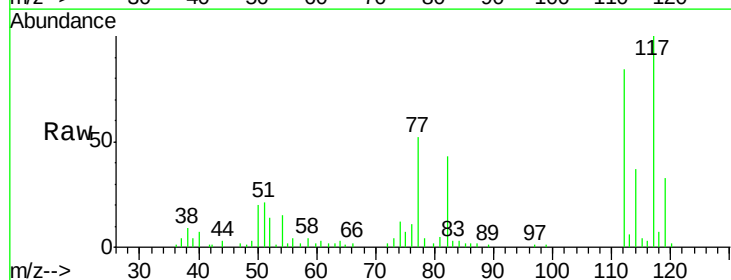
Acq: 18 Sep 2019 17:26

Tgt Ion:112 Resp: 14835

Ion Ratio Lower Upper

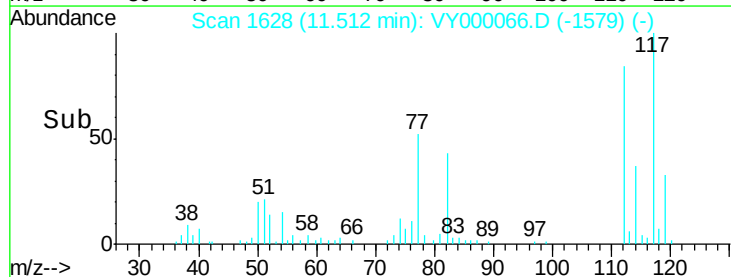
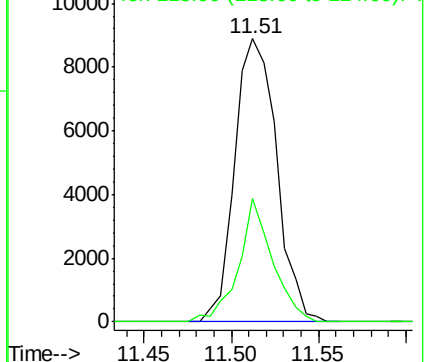
112 100

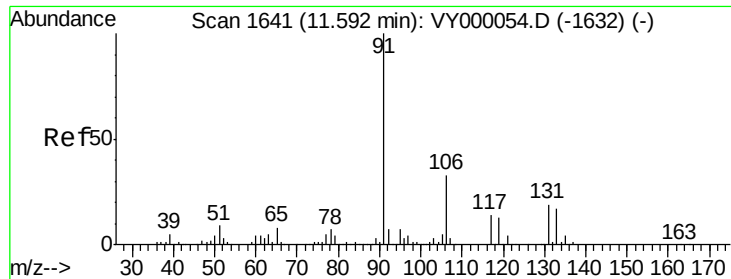
114 43.8 25.6 38.4#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

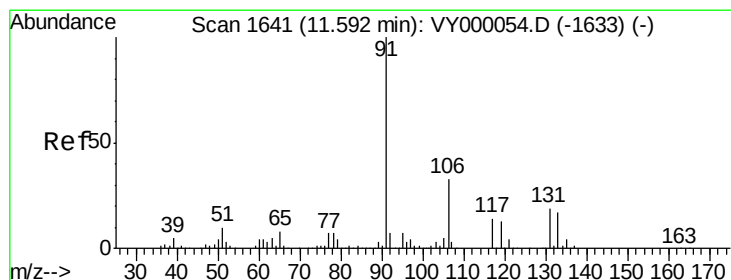
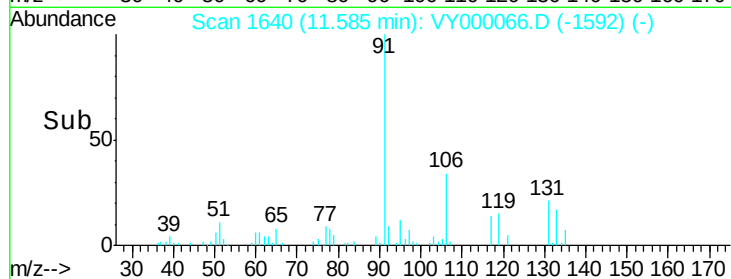
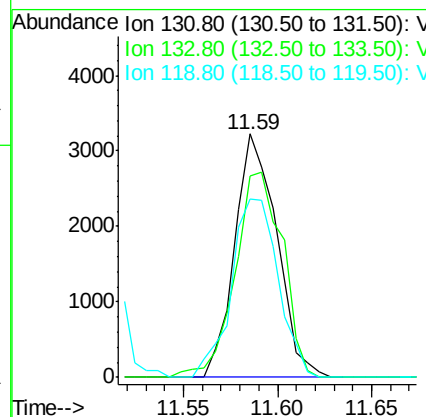
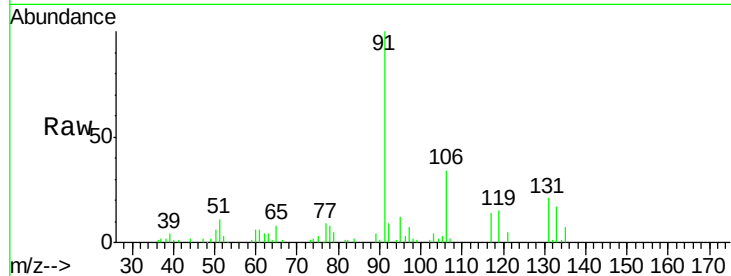




#66
 1,1,1,2-Tetrachloroethane
 Concen: 4.168 ug/l
 RT: 11.59 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

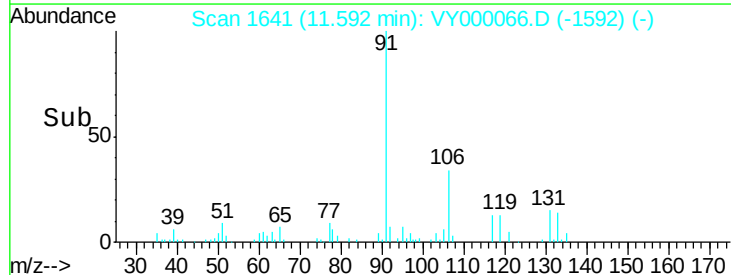
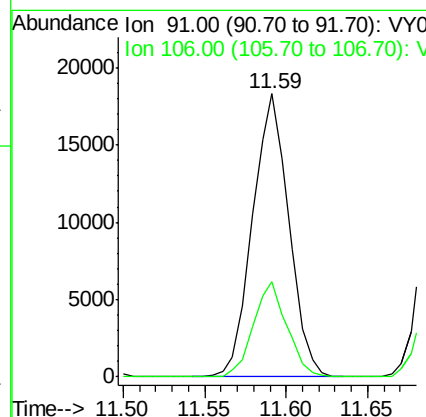
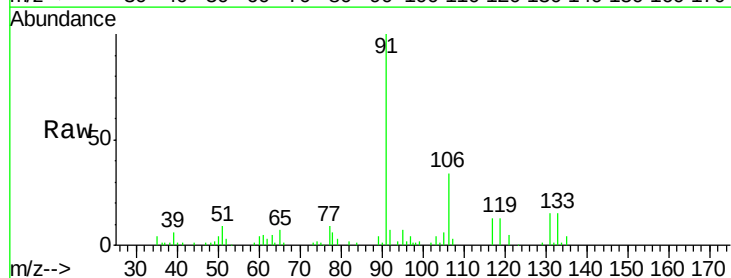
Instrument :
 MSVOA_Y
 ClientSampleId :

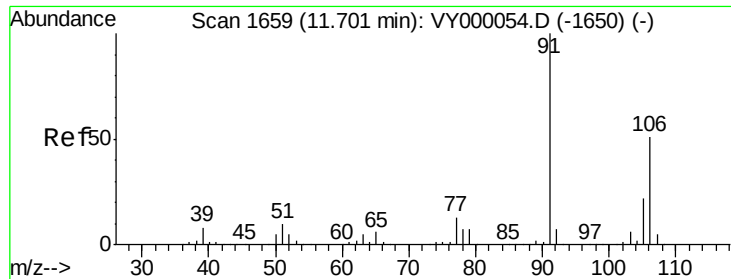
Tot Ion:131 Resp: 4987
 Ion Ratio Lower Upper
 131 100
 133 95.3 46.6 139.8
 119 81.7 36.2 108.6



#67
 Ethyl Benzene
 Concen: 4.477 ug/l
 RT: 11.59 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion: 91 Resp: 28271
 Ion Ratio Lower Upper
 91 100
 106 33.9 26.6 40.0





#68

m/p-Xylenes

Concen: 8.760 ug/l

RT: 11.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

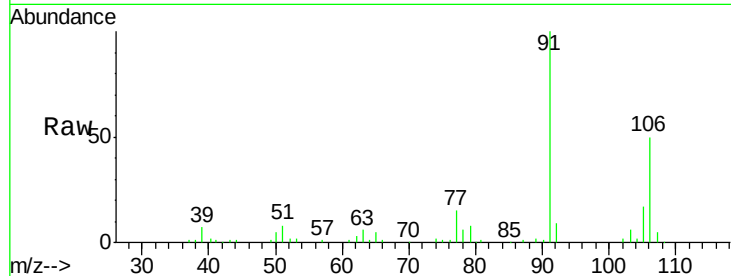
ClientSampleId :

Tot Ion:106 Resp: 21050

Ion Ratio Lower Upper

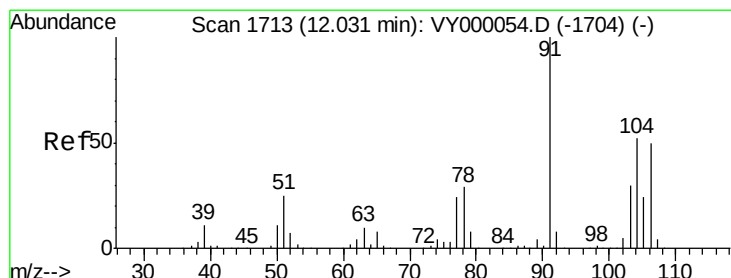
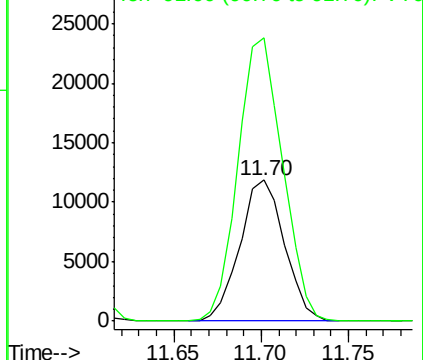
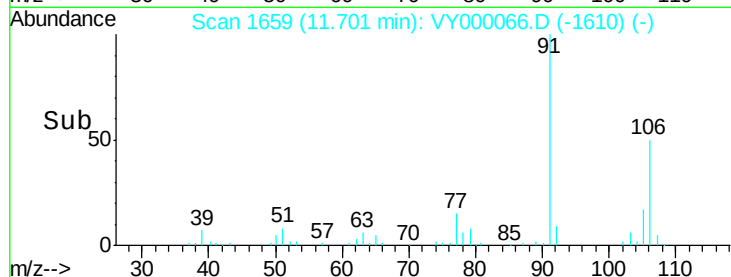
106 100

91 201.0 154.5 231.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#69

o-Xylene

Concen: 4.662 ug/l

RT: 12.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VY000066.D

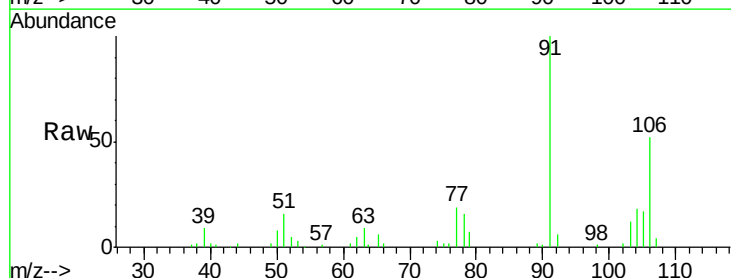
Acq: 18 Sep 2019 17:26

Tgt Ion:106 Resp: 10847

Ion Ratio Lower Upper

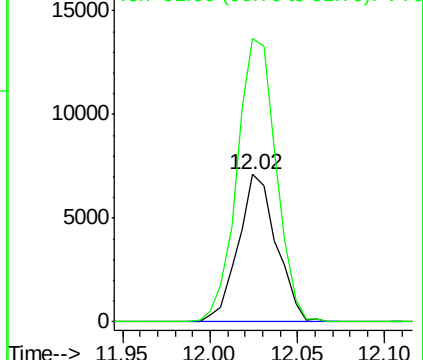
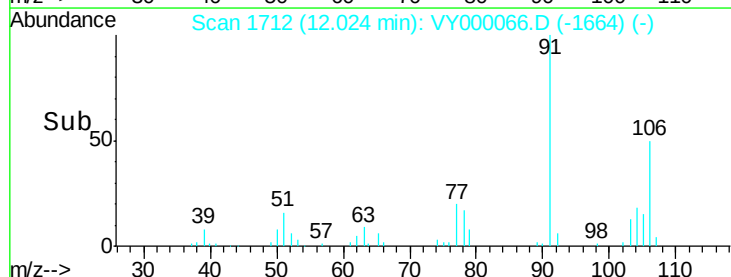
106 100

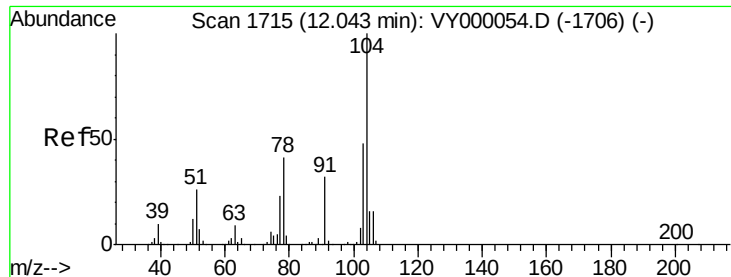
91 195.7 103.5 310.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

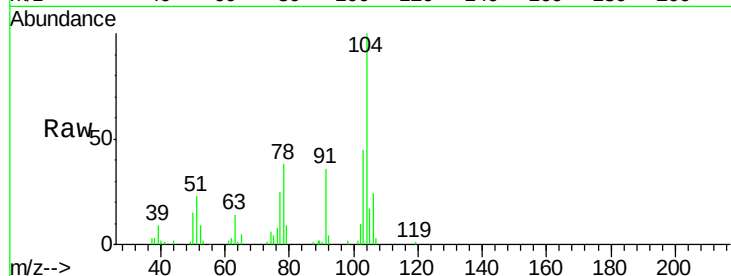




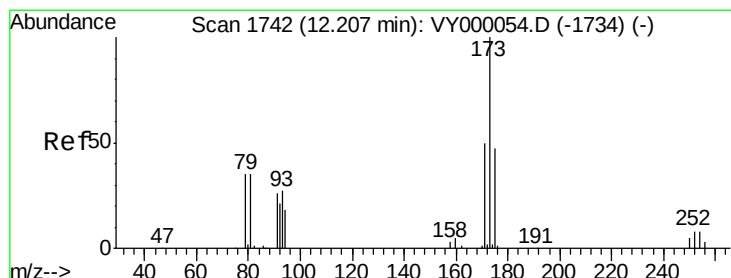
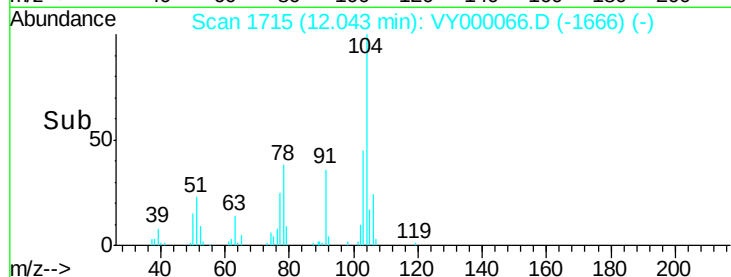
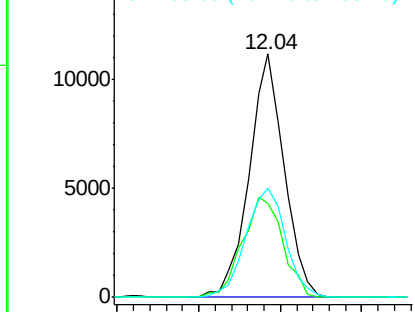
#70
Stvrene
Concen: 4.090 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:104 Resp: 16707
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 51.0 42.2 63.4

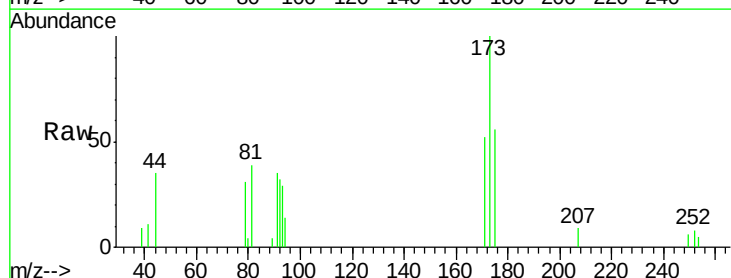


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V

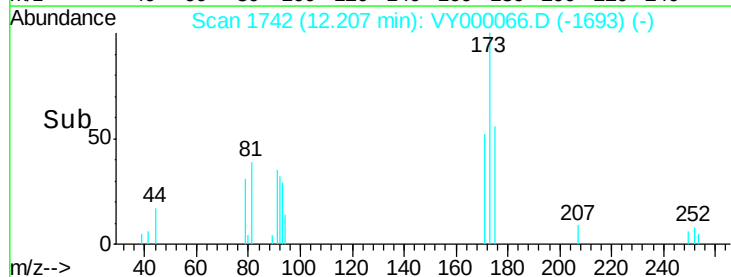
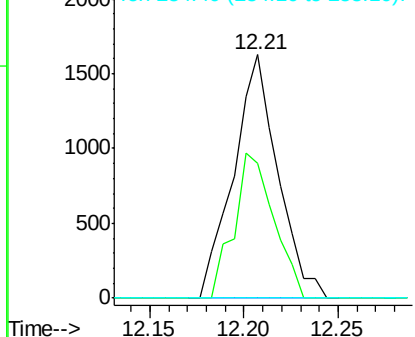


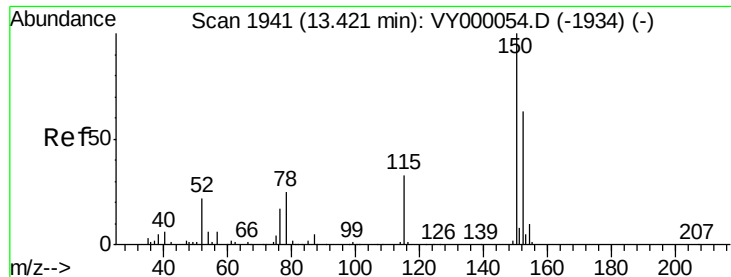
#71
Bromoform
Concen: 3.824 ug/l
RT: 12.21 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion:173 Resp: 2649
Ion Ratio Lower Upper
173 100
175 53.5 23.6 71.0
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



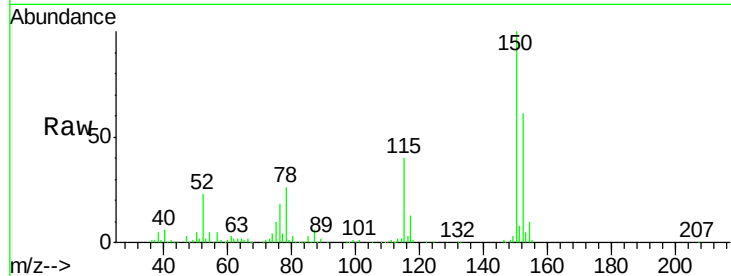


#72

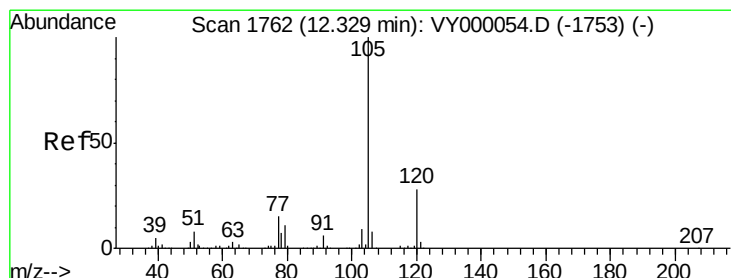
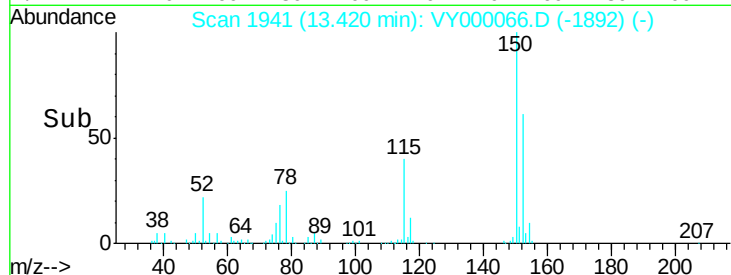
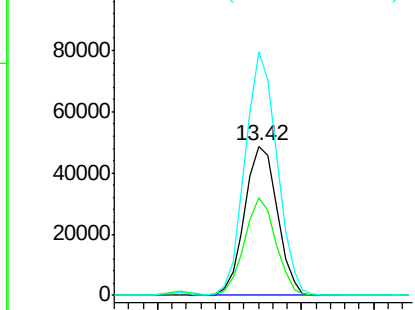
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:152 Resp: 76305
Ion Ratio Lower Upper
152 100
115 63.1 30.7 92.1
150 159.9 0.0 351.6



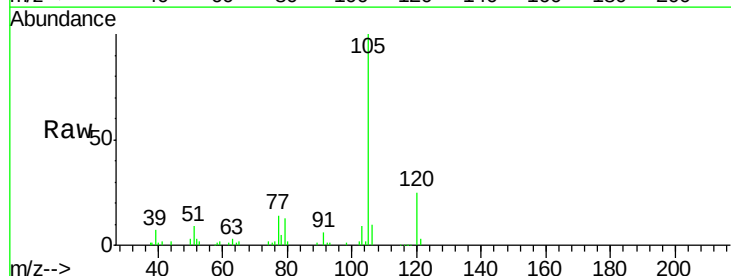
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



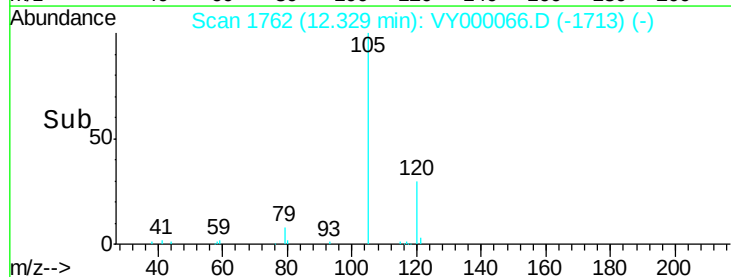
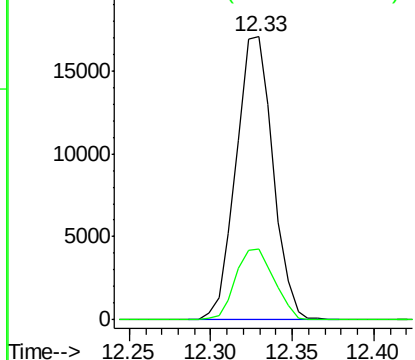
#73

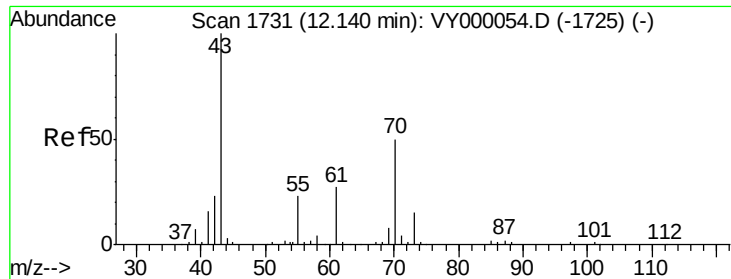
Isopropylbenzene
Concen: 4.376 ug/l
RT: 12.33 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion:105 Resp: 26910
Ion Ratio Lower Upper
105 100
120 26.2 13.9 41.7



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





#74

N-amvl acetate

Concen: 4.330 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 43 Resp: 7585

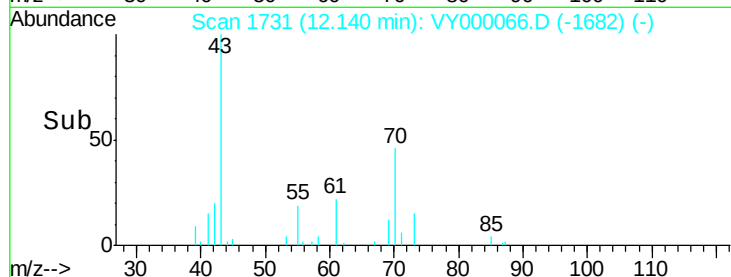
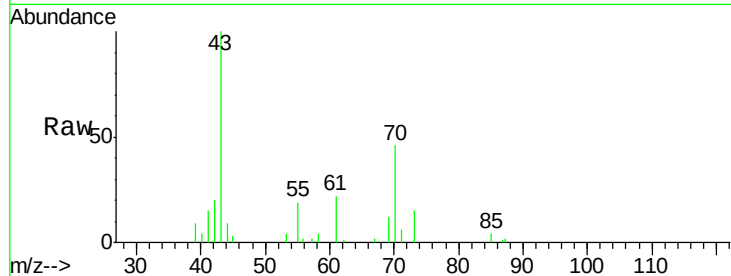
Ion	Ratio	Lower	Upper
43	100		
70	44.0	38.8	58.2
55	24.5	18.8	28.2
61	25.7	21.4	32.2

43 100

70 44.0 38.8 58.2

55 24.5 18.8 28.2

61 25.7 21.4 32.2

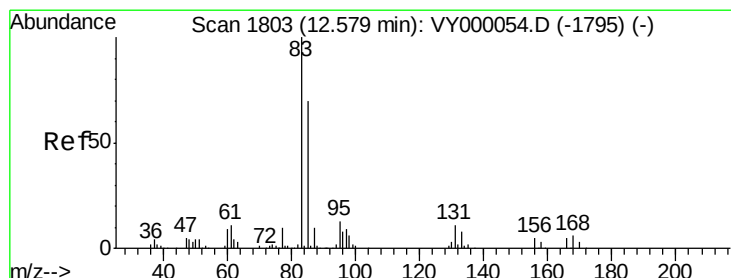
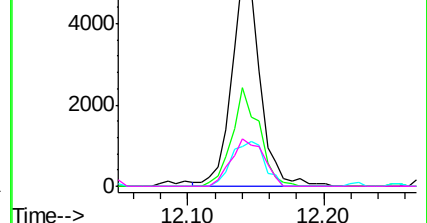


Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 4.548 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

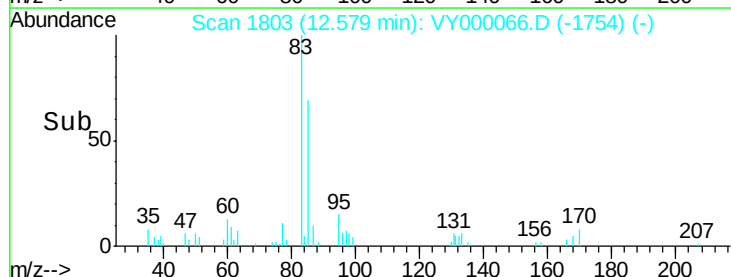
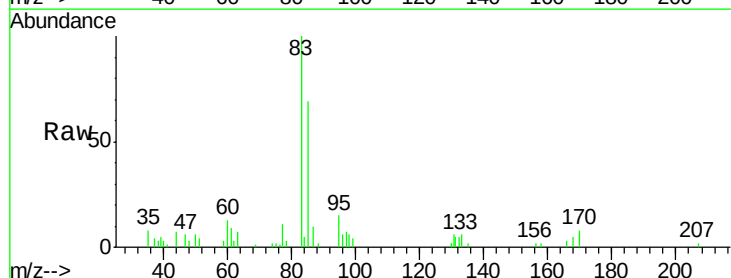
Tgt Ion: 83 Resp: 6583

Ion	Ratio	Lower	Upper
83	100		
131	7.4	4.9	14.7
85	64.5	32.5	97.4

83 100

131 7.4 4.9 14.7

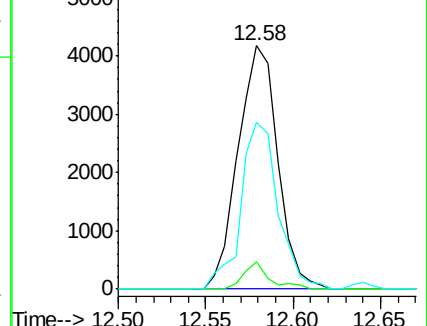
85 64.5 32.5 97.4

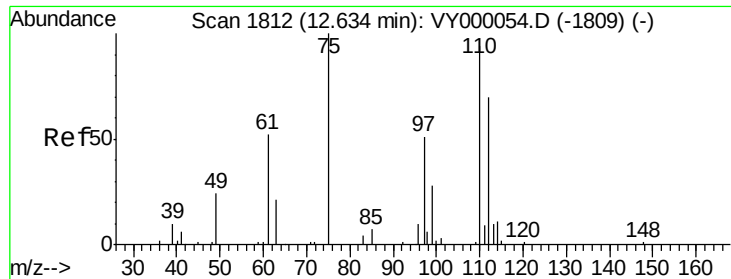


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0

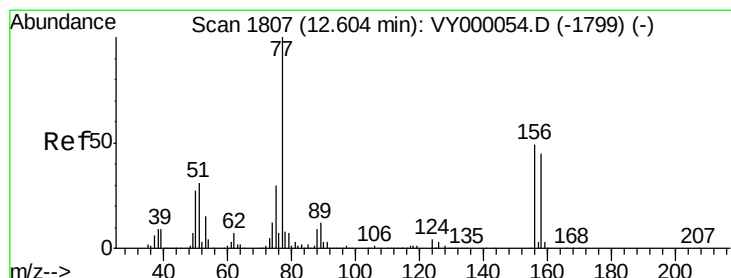
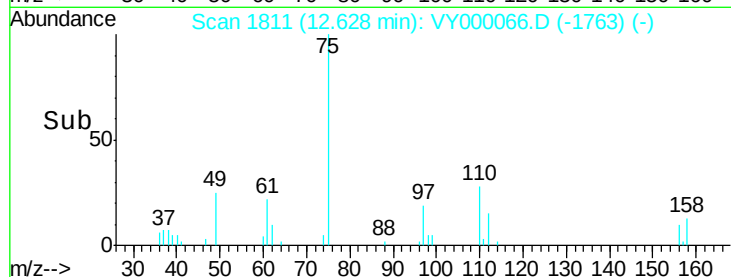
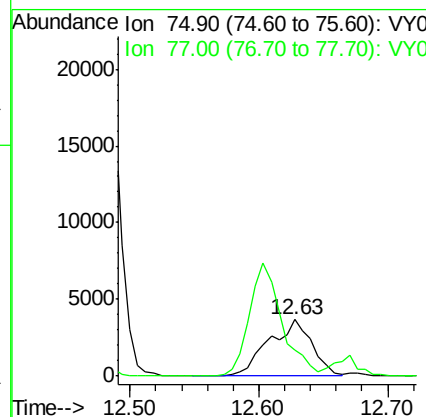
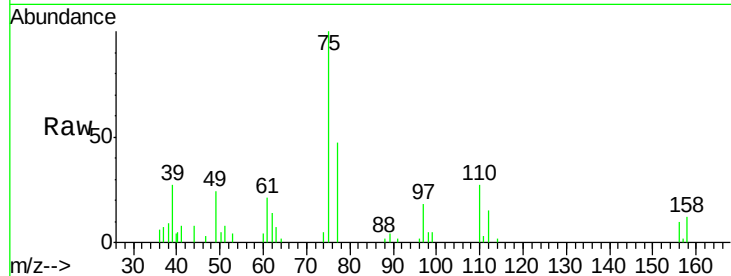




#76
1,2,3-Trichloropropane
Concen: 8.038 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

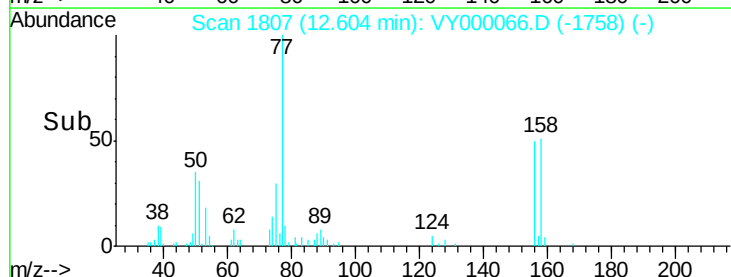
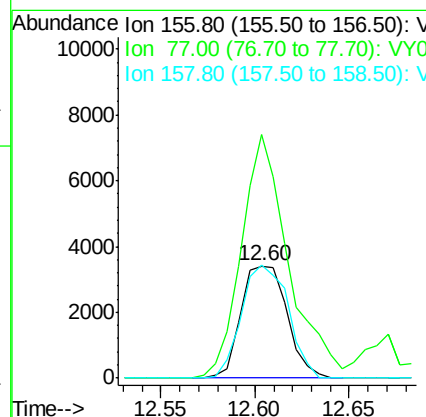
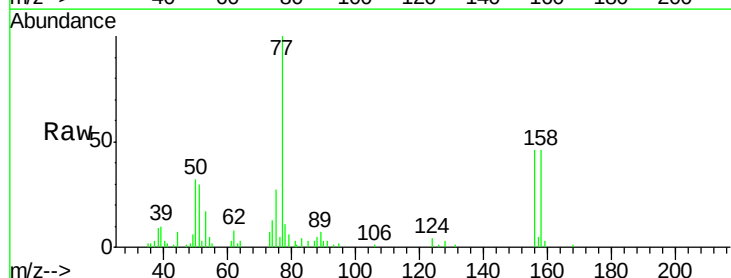
Instrument :
MSVOA_Y
ClientSampled :

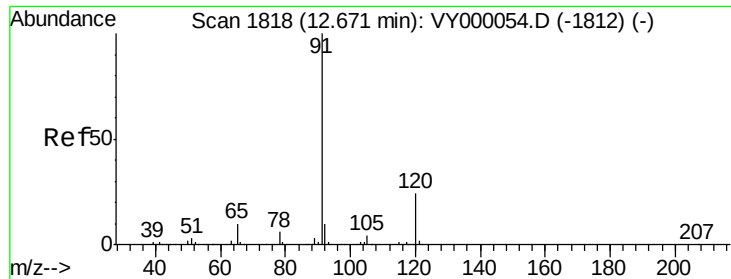
Tot Ion: 75 Resp: 8630
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 4.484 ug/l
RT: 12.60 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion: 156 Resp: 5758
Ion Ratio Lower Upper
156 100
77 222.8 109.7 329.0
158 102.5 48.0 144.2





#78

n-propylbenzene

Concen: 4.403 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

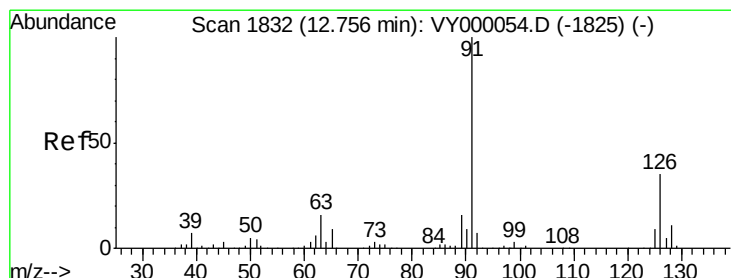
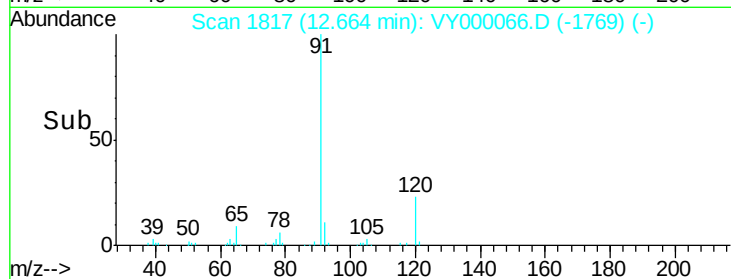
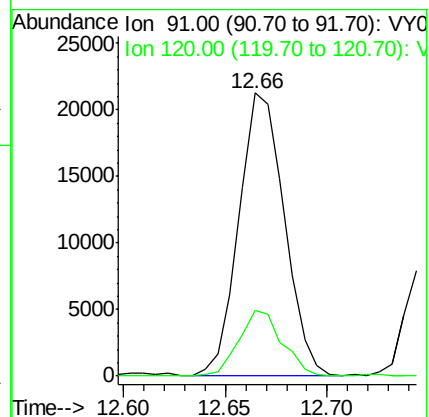
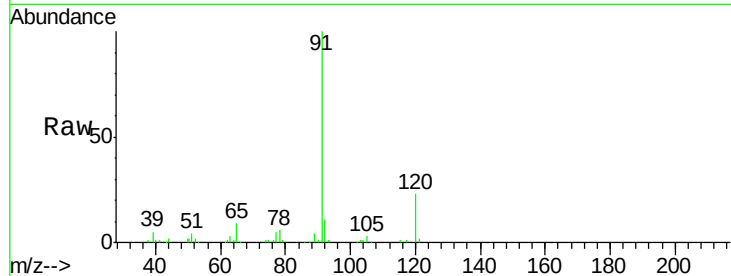
ClientSampled :

Tot Ion: 91 Resp: 33028

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.5



#79

2-Chlorotoluene

Concen: 4.530 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VY000066.D

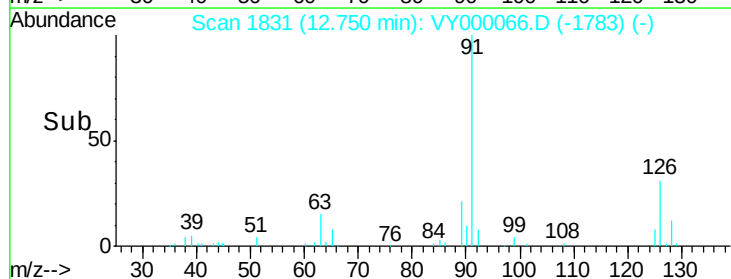
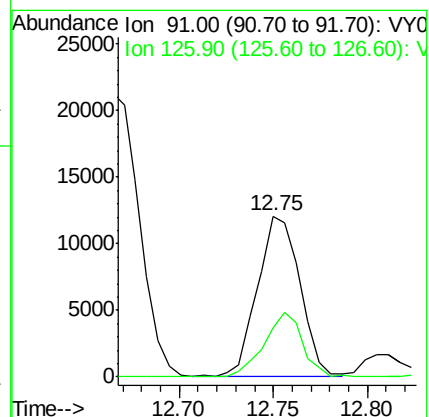
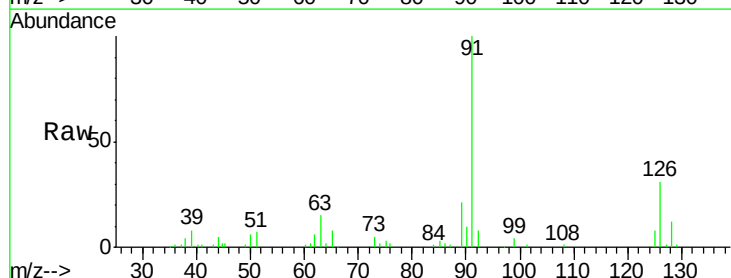
Acq: 18 Sep 2019 17:26

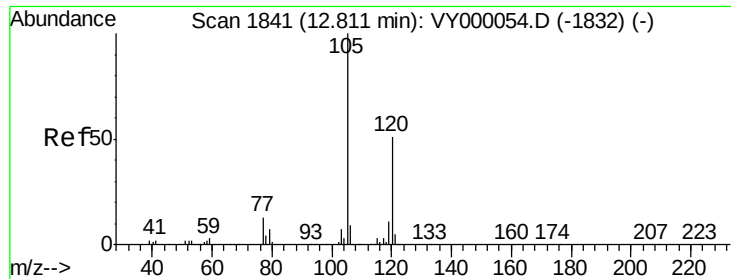
Tgt Ion: 91 Resp: 18995

Ion Ratio Lower Upper

91 100

126 35.5 17.2 51.5





#80

1,3,5-Trimethylbenzene

Concen: 4.436 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

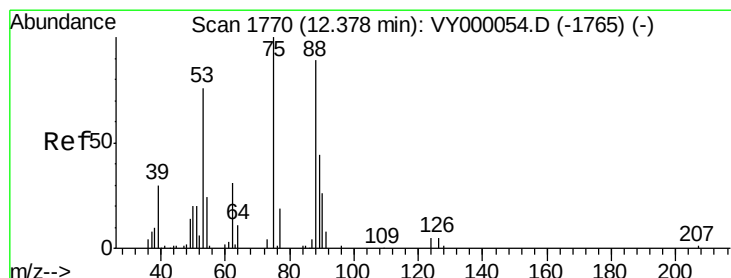
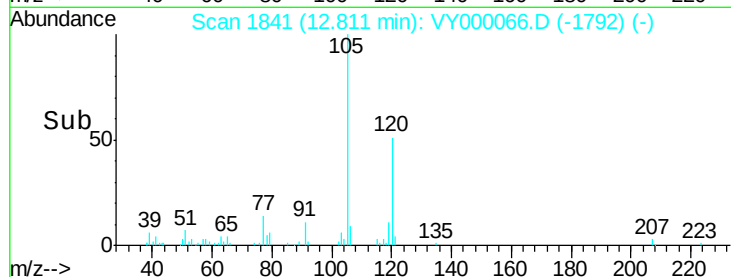
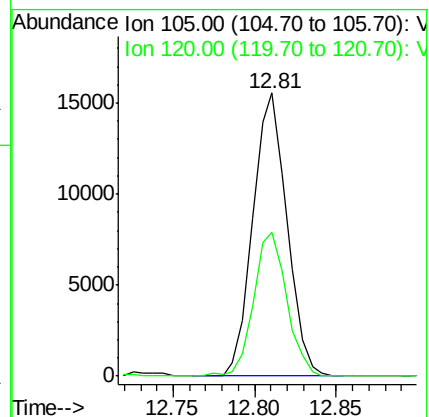
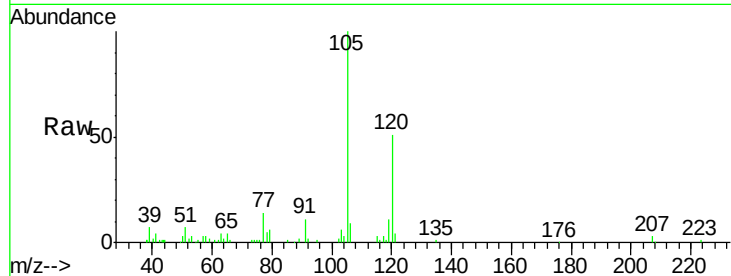
ClientSampled :

Tot Ion:105 Resp: 22598

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 4.269 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

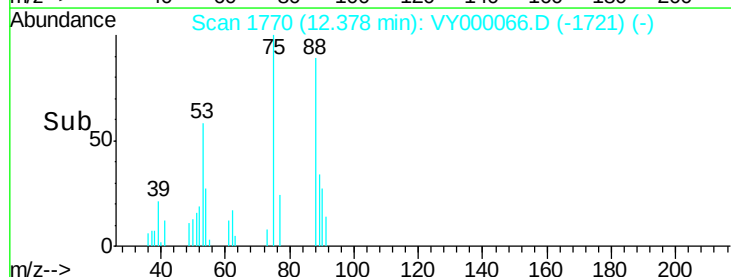
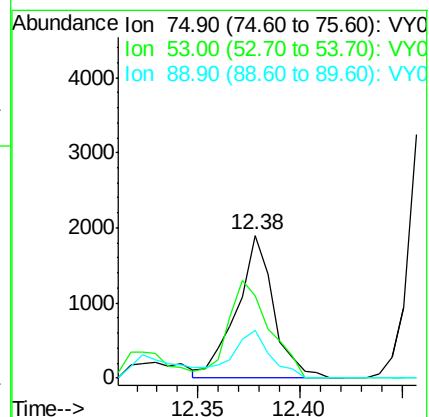
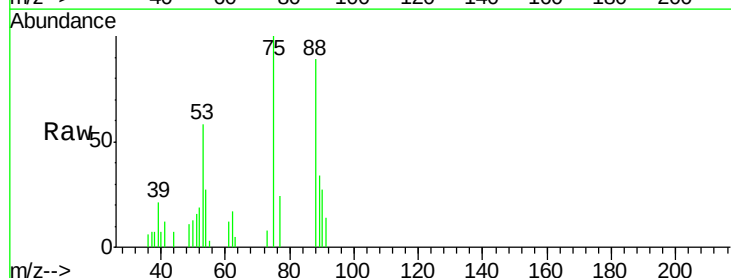
Tgt Ion: 75 Resp: 2383

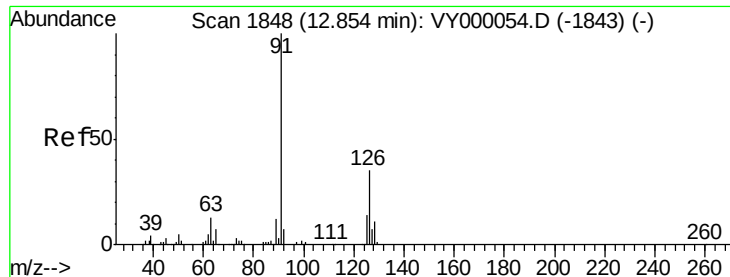
Ion Ratio Lower Upper

75 100

53 77.0 60.9 91.3

89 33.4 35.3 52.9#





#82

4-Chlorotoluene

Concen: 4.423 ug/l

RT: 12.85 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

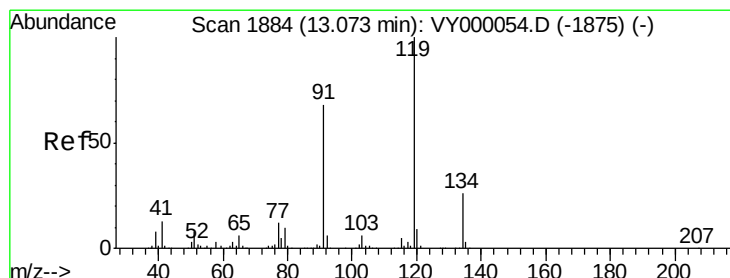
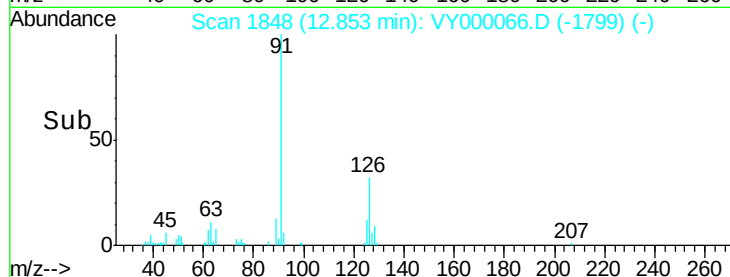
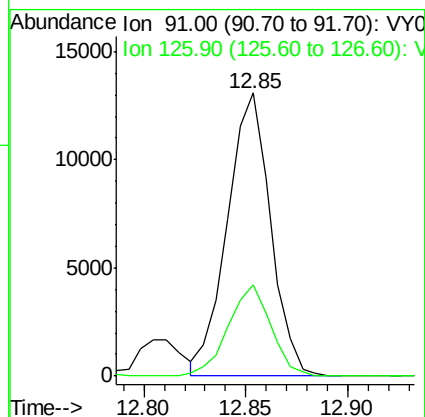
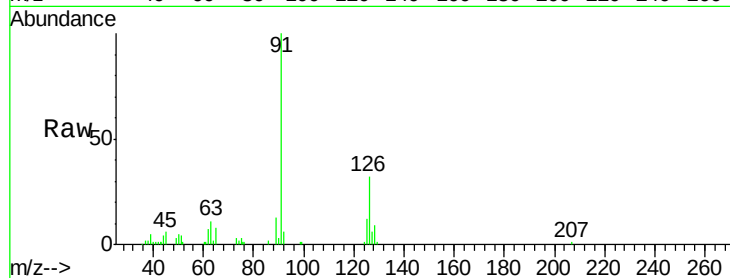
ClientSampled :

Tot Ion: 91 Resp: 19181

Ion Ratio Lower Upper

91 100

126 31.8 16.7 50.1



#83

tert-Butylbenzene

Concen: 4.291 ug/l

RT: 13.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

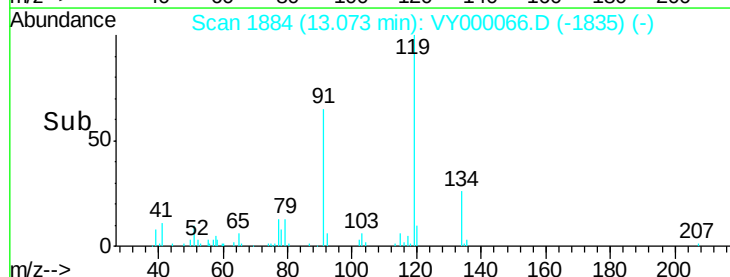
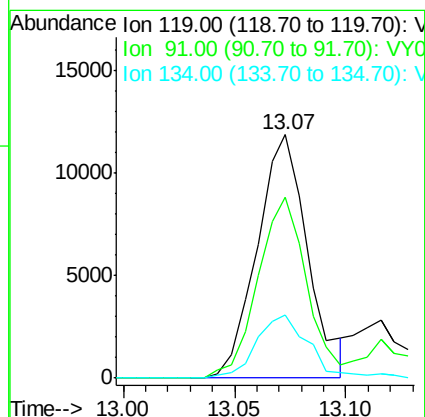
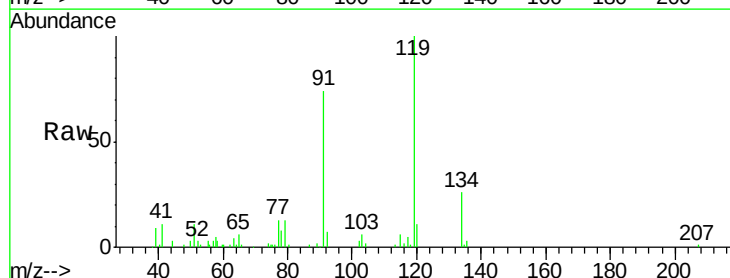
Tgt Ion: 119 Resp: 18701

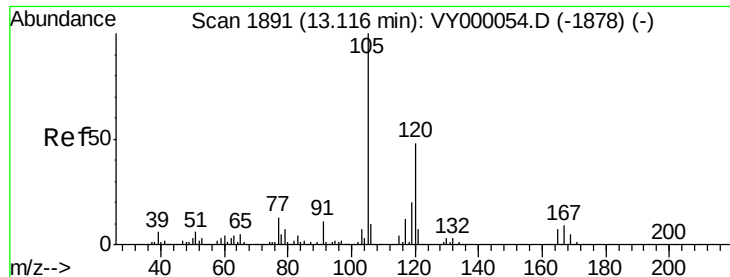
Ion Ratio Lower Upper

119 100

91 71.3 33.4 100.1

134 27.2 12.7 38.0

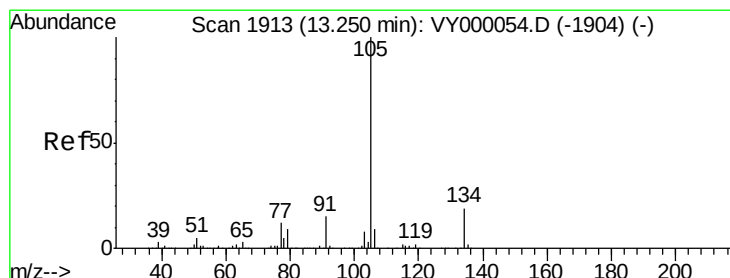
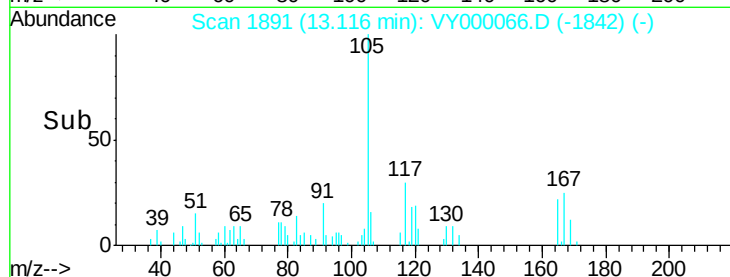
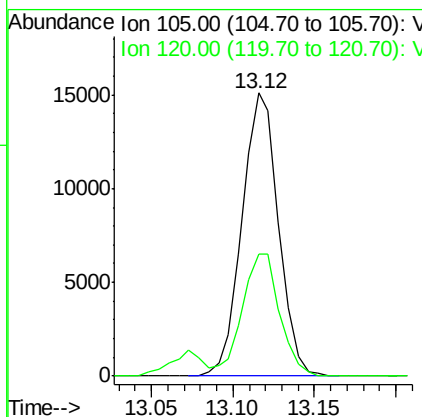
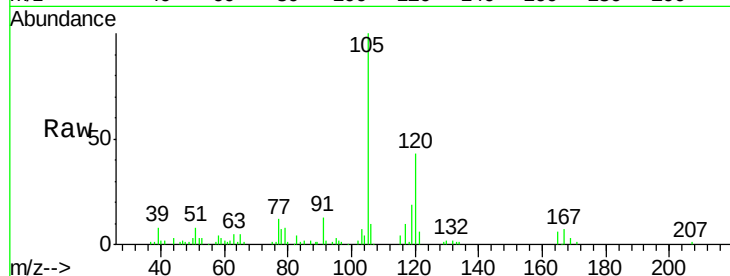




#84
 1,2,4-Trimethylbenzene
 Concen: 4.667 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

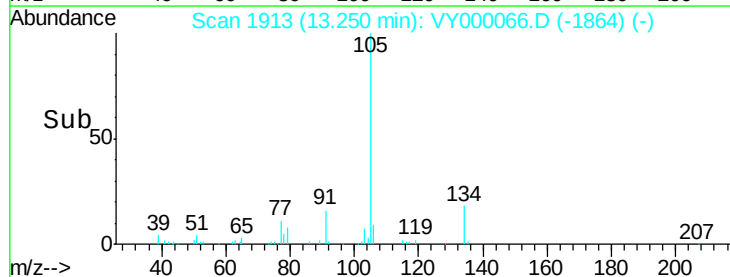
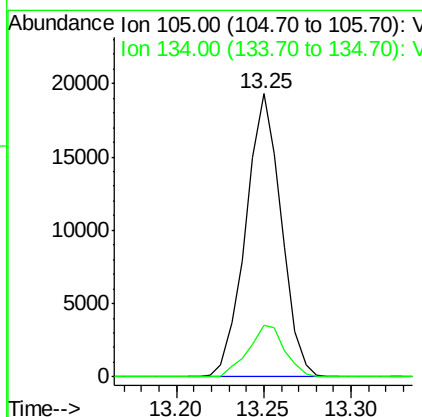
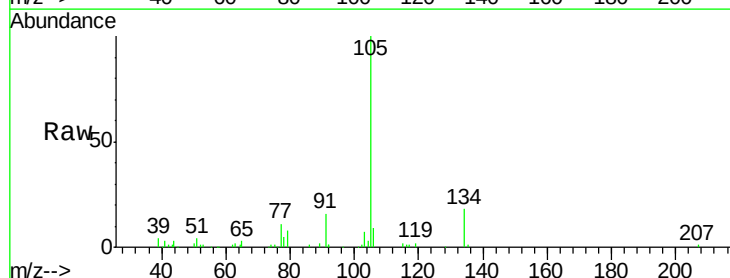
Instrument :
 MSVOA_Y
 ClientSampleId :

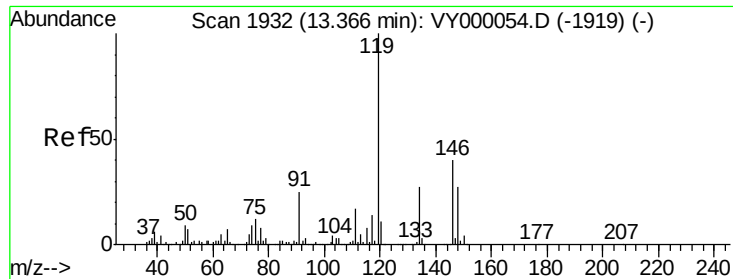
Tot Ion:105 Resp: 23437
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 4.258 ug/l
 RT: 13.25 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion:105 Resp: 27414
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4

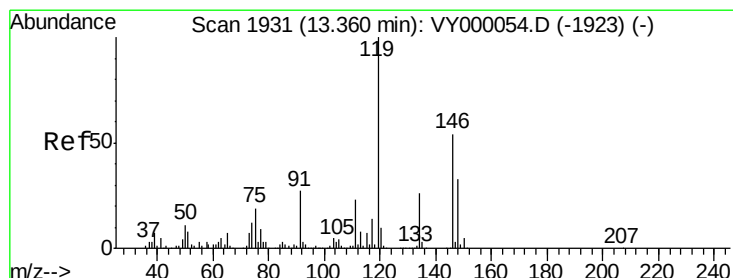
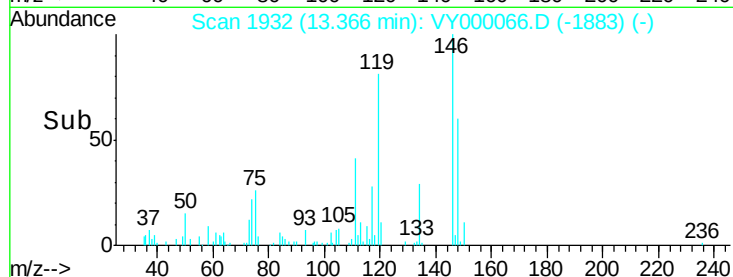
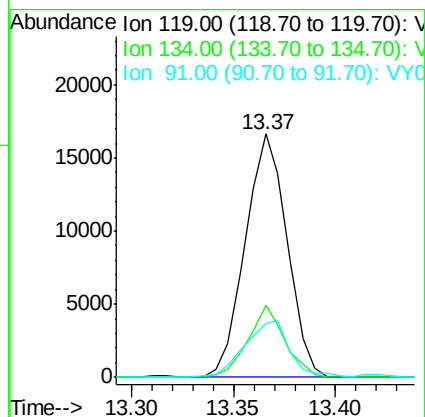
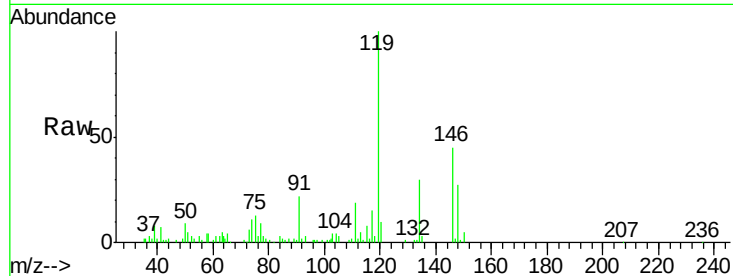




#86
 p-Isopropyltoluene
 Concen: 4.329 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

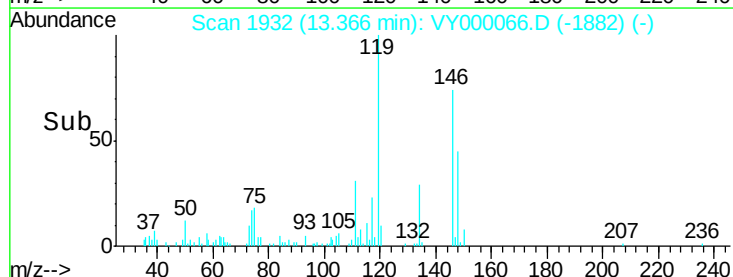
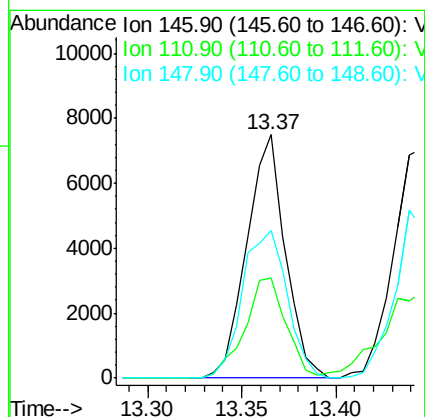
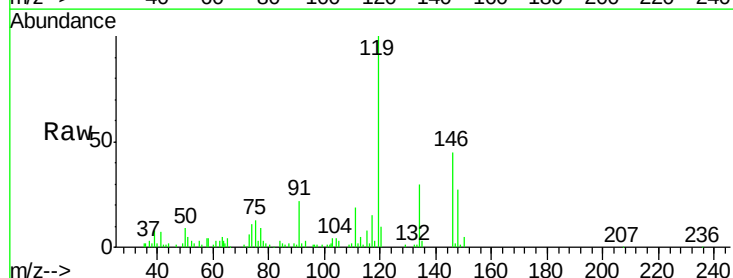
Instrument :
 MSVOA_Y
 ClientSampleId :

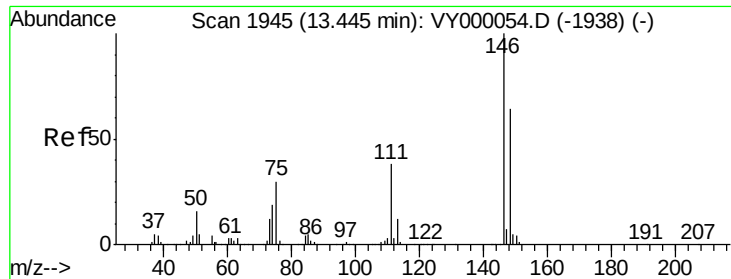
Tot Ion:119 Resp: 23627
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 25.5 12.4 37.4



#87
 1,3-Dichlorobenzene
 Concen: 4.164 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. 0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion:146 Resp: 10606
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.1 63.1
 148 70.2 31.8 95.3

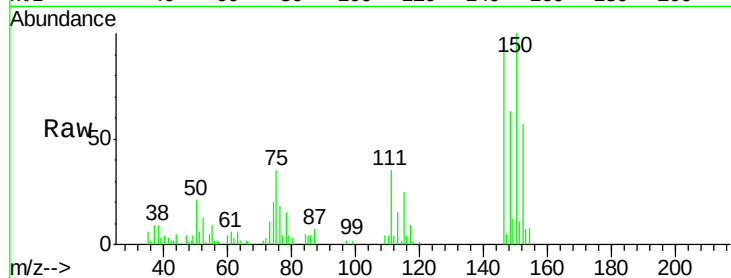




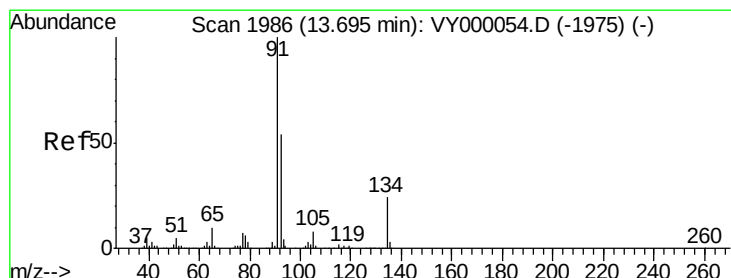
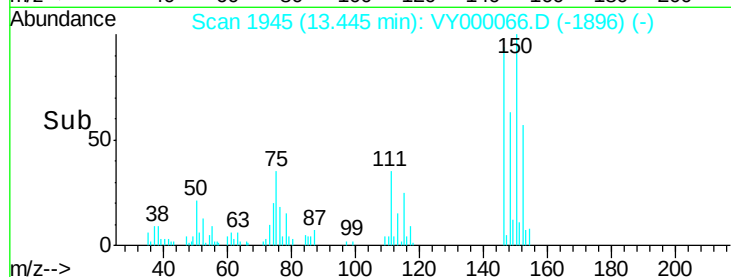
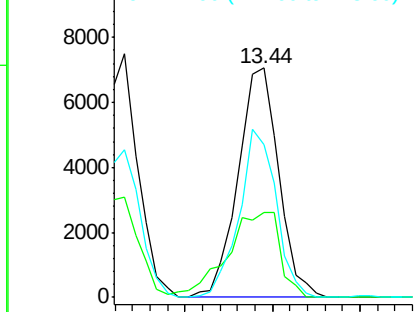
#88
 1,4-Dichlorobenzene
 Concen: 4.461 ug/l
 RT: 13.44 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:146 Resp: 11418
 Ion Ratio Lower Upper
 146 100
 111 48.6 20.8 62.4
 148 66.4 31.5 94.5

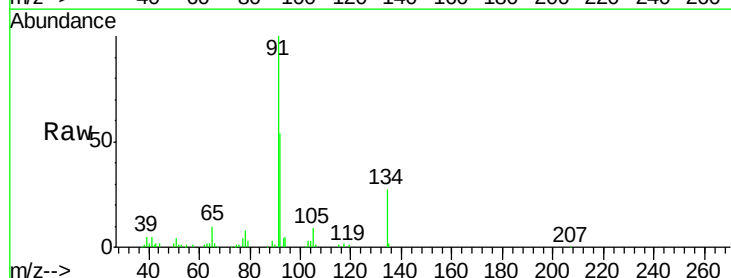


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

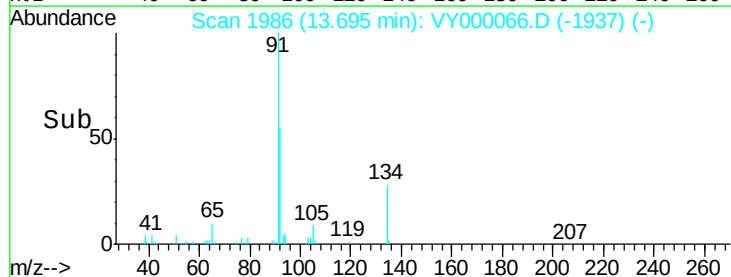
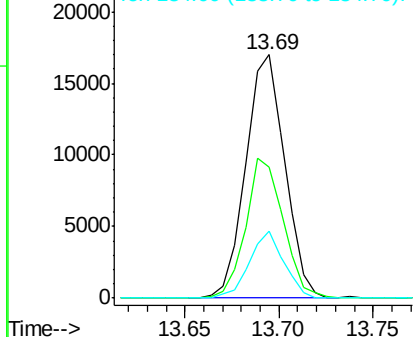


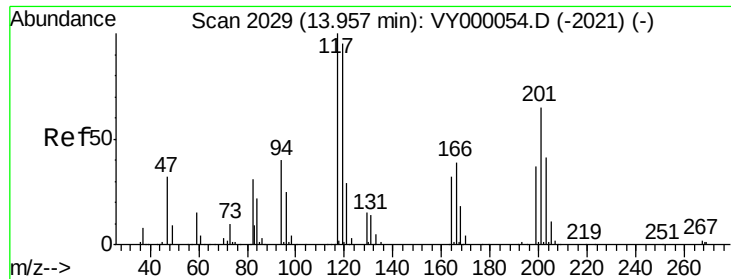
#89
 n-Butylbenzene
 Concen: 4.352 ug/l
 RT: 13.69 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion: 91 Resp: 24433
 Ion Ratio Lower Upper
 91 100
 92 55.3 27.2 81.5
 134 24.1 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VY0
 Ion 92.00 (91.70 to 92.70): VY0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 4.350 ug/l

RT: 13.95 min Scan# 2028

Delta R.T. -0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

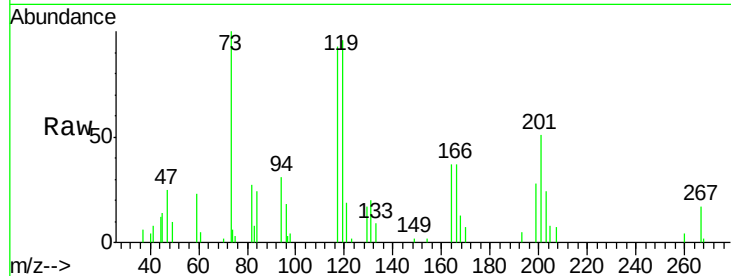
ClientSampleId :

Tot Ion:117 Resp: 4665

Ion Ratio Lower Upper

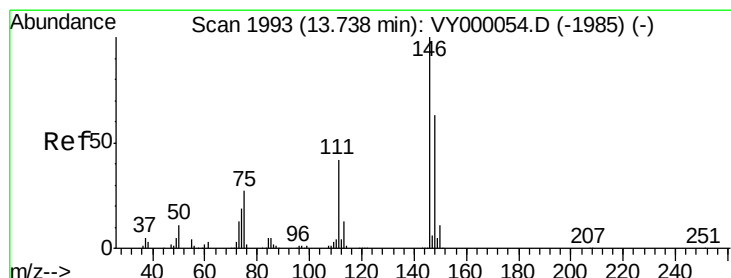
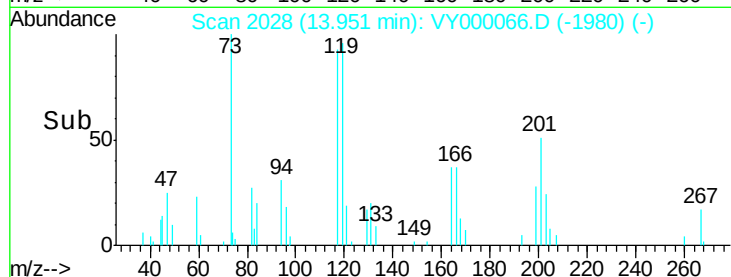
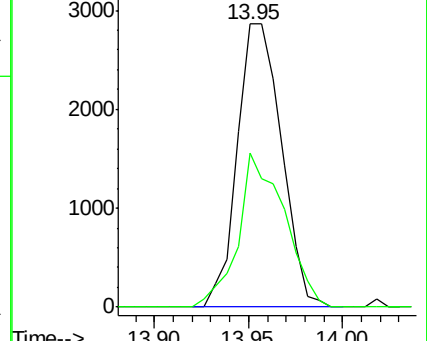
117 100

201 56.6 30.6 92.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 4.380 ug/l

RT: 13.74 min Scan# 1993

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

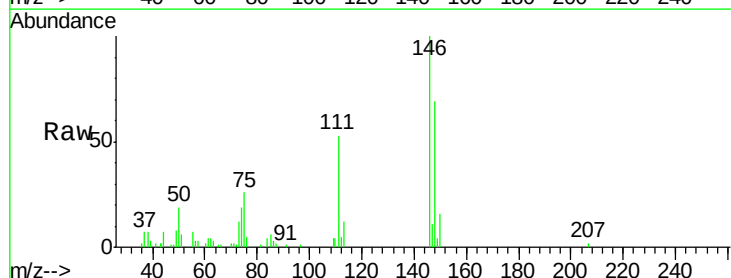
Tgt Ion:146 Resp: 10483

Ion Ratio Lower Upper

146 100

111 43.3 21.9 65.7

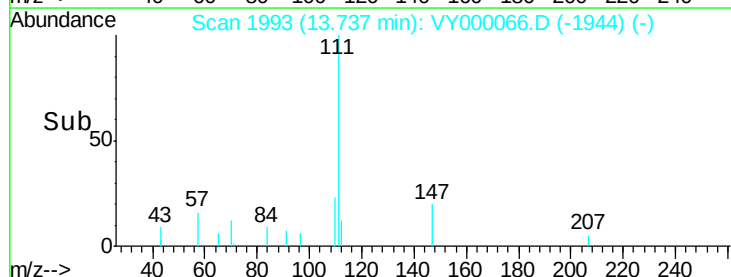
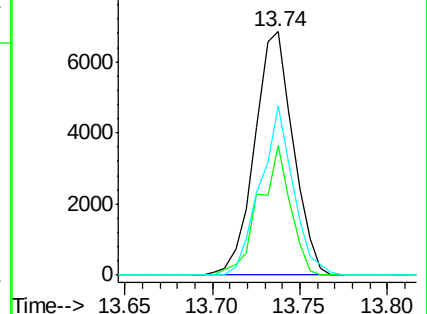
148 59.6 32.4 97.2

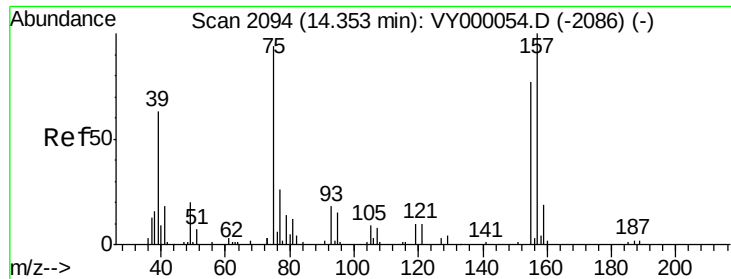


Abundance Ion 145.90 (145.60 to 146.60): V

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: 4.885 ug/l

RT: 14.35 min Scan# 2093

Delta R.T. -0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampled :

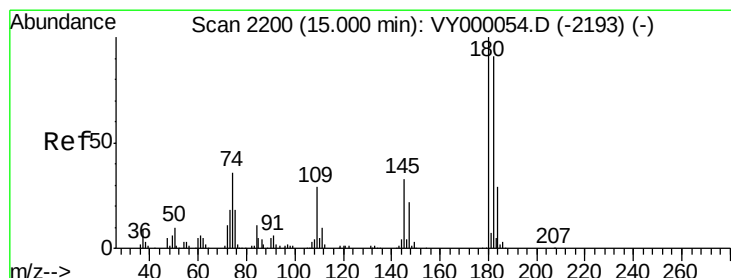
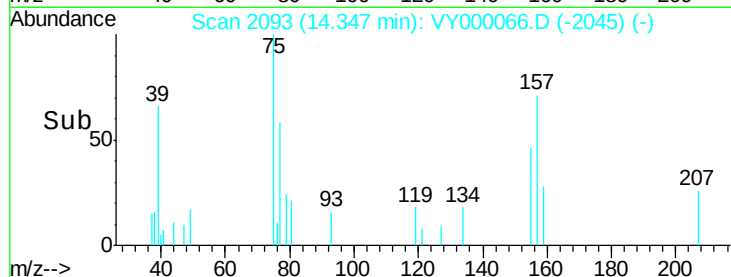
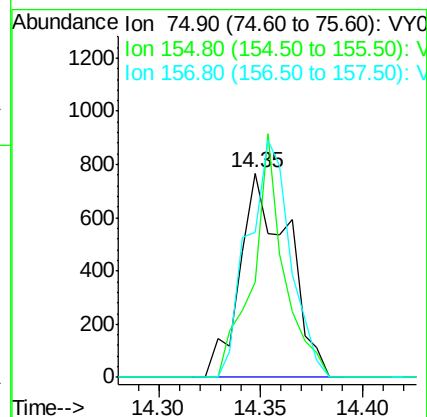
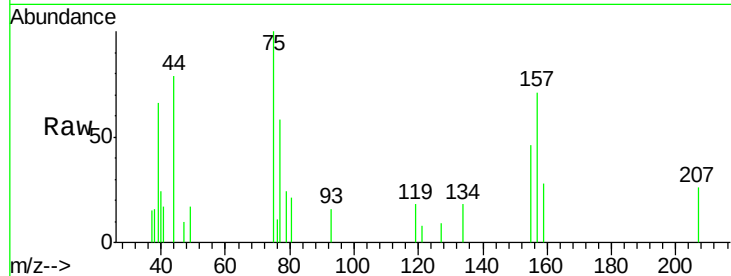
Tot Ion: 75 Resp: 1259

Ion Ratio Lower Upper

75 100

155 76.6 40.6 121.7

157 102.5 52.9 158.8



#93

1,2,4-Trichlorobenzene

Concen: 4.034 ug/l

RT: 15.01 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

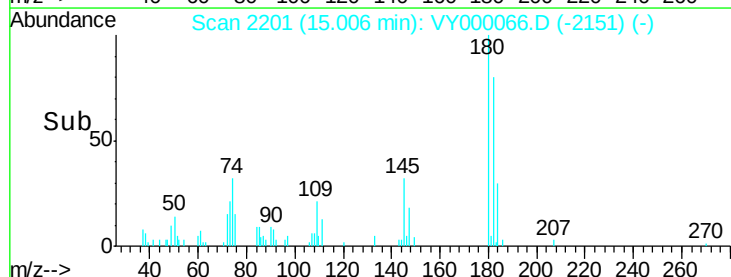
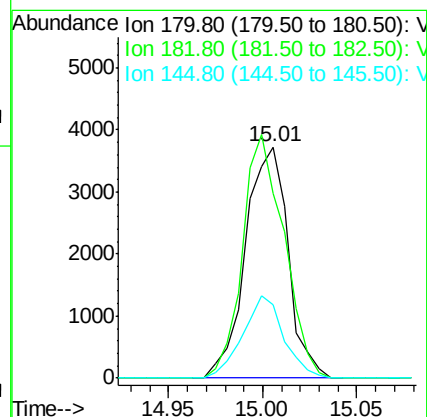
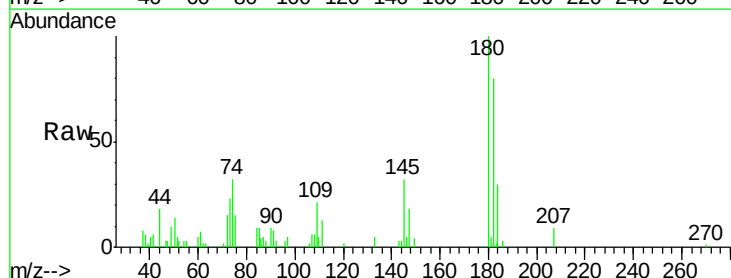
Tgt Ion:180 Resp: 5825

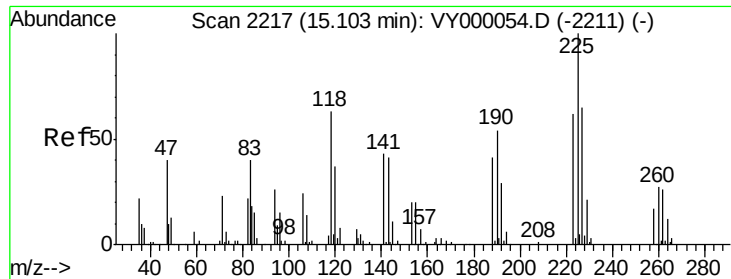
Ion Ratio Lower Upper

180 100

182 102.7 48.5 145.6

145 34.3 17.2 51.6





#94

Hexachlorobutadiene

Concen: 3.965 ug/l

RT: 15.10 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampled :

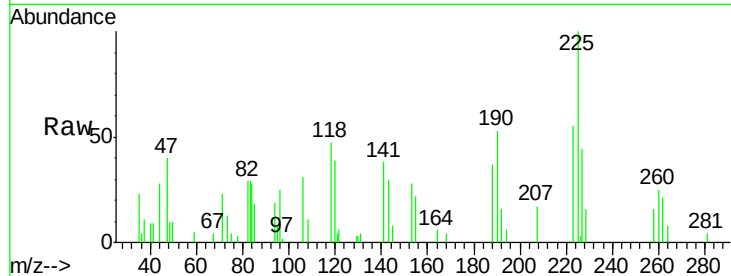
Tot Ion:225 Resp: 2749

Ion Ratio Lower Upper

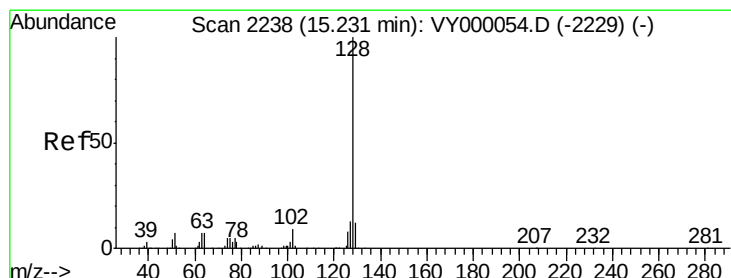
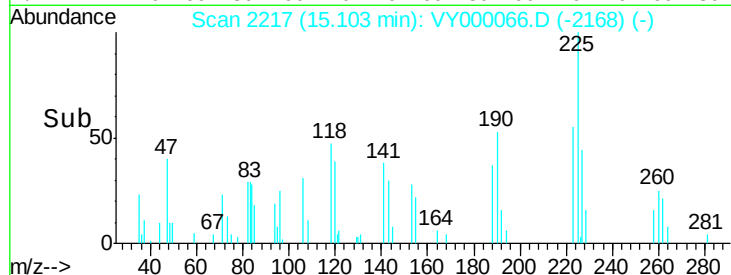
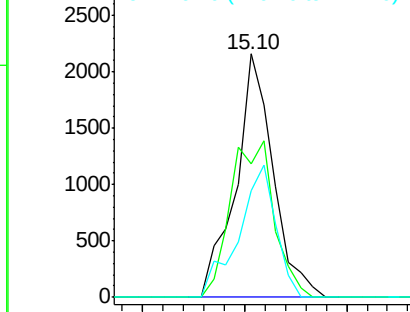
225 100

223 74.8 31.9 95.5

227 54.1 30.6 91.6



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



#95

Naphthalene

Concen: 4.511 ug/l

RT: 15.23 min Scan# 2238

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

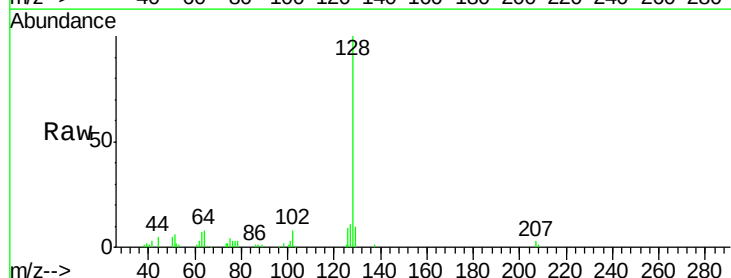
Tgt Ion:128 Resp: 18492

Ion Ratio Lower Upper

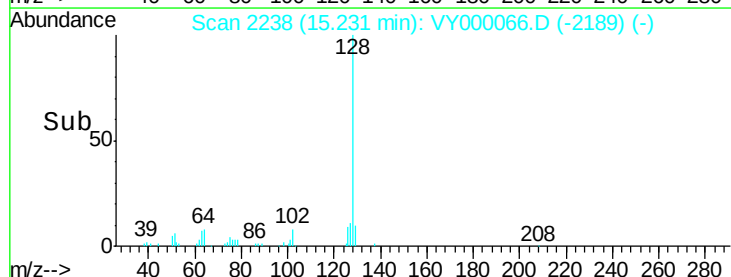
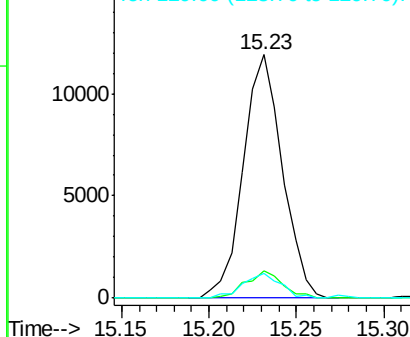
128 100

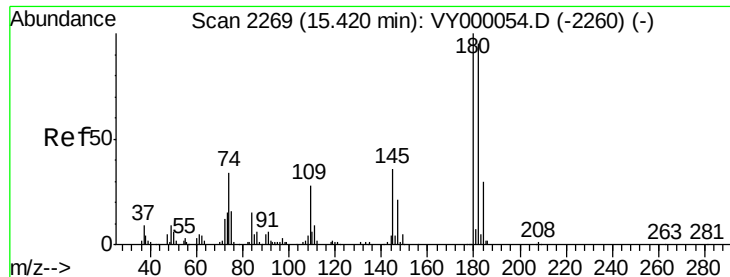
127 10.3 10.3 15.5

129 9.9 9.2 13.8



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: 4.157 ug/l
 RT: 15.42 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.5	142.5
145	41.2	17.4	52.2

