

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091719\
 Data File : VY000056.D
 Acq On : 17 Sep 2019 12:53
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 17 13:13:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 12:22:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	119896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	227824	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	199162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	85573	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	196322	133.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	267.28%	
35) Dibromofluoromethane	7.72	113	190509	130.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	261.08%	
50) Toluene-d8	10.18	98	783068	139.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	278.90%	
62) 4-Bromofluorobenzene	12.48	95	263693	124.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	248.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	115989	112.153	ug/l	99
3) Chloromethane	2.11	50	145927	91.009	ug/l	98
4) Vinyl Chloride	2.25	62	177178	127.258	ug/l	97
5) Bromomethane	2.61	94	95515	99.818	ug/l	95
6) Chloroethane	2.77	64	121699	127.171	ug/l	94
7) Trichlorofluoromethane	3.11	101	244507	122.042	ug/l	91
8) Diethyl Ether	3.53	74	108987	133.544	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.89	101	170930	128.294	ug/l	97
10) Methyl Iodide	4.09	142	207245	162.057	ug/l	100
11) Tert butyl alcohol	4.98	59	104617	566.959	ug/l	100
12) 1,1-Dichloroethene	3.86	96	157693	126.401	ug/l	91
13) Acrolein	3.73	56	47651	436.462	ug/l	93
14) Allyl chloride	4.47	41	242644	127.450	ug/l	99
15) Acrylonitrile	5.17	53	330209	671.996	ug/l	97
16) Acetone	3.95	43	217020	641.627	ug/l	90
17) Carbon Disulfide	4.18	76	289284	116.756	ug/l #	95
18) Methyl Acetate	4.48	43	141420	125.308	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	515568	137.049	ug/l	100
20) Methylene Chloride	4.71	84	193325	119.738	ug/l	99
21) trans-1,2-Dichloroethene	5.21	96	172732	128.187	ug/l	97
22) Diisopropyl ether	6.12	45	573773	139.318	ug/l	98
23) Vinyl Acetate	6.06	43	1984694	727.962	ug/l	96
24) 1,1-Dichloroethane	6.01	63	330634	134.765	ug/l	98
25) 2-Butanone	6.99	43	389636	649.290	ug/l	97
26) 2,2-Dichloropropane	6.98	77	289154	119.156	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	227289	133.613	ug/l	98
28) Bromochloromethane	7.34	49	165594	144.713	ug/l	97
29) Tetrahydrofuran	7.35	42	247402	688.065	ug/l	97
30) Chloroform	7.51	83	342587	131.954	ug/l	98
31) Cyclohexane	7.78	56	236852	110.600	ug/l	95
32) 1,1,1-Trichloroethane	7.70	97	282799	136.913	ug/l	98
36) 1,1-Dichloropropene	7.92	75	227367	126.980	ug/l	98
37) Ethyl Acetate	7.07	43	161745	141.544	ug/l	96
38) Carbon Tetrachloride	7.90	117	230266	140.238	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	283045	130.138	ug/l	97
40) Benzene	8.16	78	778908	134.975	ug/l	96
41) Methacrylonitrile	7.34	41	225679	359.735	ug/l #	39
42) 1,2-Dichloroethane	8.24	62	213117	143.372	ug/l	99
43) Isopropyl Acetate	8.27	43	319052	143.001	ug/l	99
44) Trichloroethene	8.94	130	198086	135.148	ug/l	99
45) 1,2-Dichloropropane	9.21	63	202488	135.511	ug/l	97
46) Dibromomethane	9.31	93	112282	138.625	ug/l	99
47) Bromodichloromethane	9.49	83	275346	137.091	ug/l	97
48) Methyl methacrylate	9.29	41	140719	141.483	ug/l	100
49) 1,4-Dioxane	9.30	88	42598	2760.576	ug/l #	94
51) 4-Methyl-2-Pentanone	10.07	43	853960	697.537	ug/l	98
52) Toluene	10.24	92	499790	137.967	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	294874	141.523	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	338535	141.709	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	173816	137.799	ug/l	96
56) Ethyl methacrylate	10.51	69	253441	143.811	ug/l	99
57) 1,3-Dichloropropane	10.79	76	295391	138.017	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	709579	733.828	ug/l	100
59) 2-Hexanone	10.84	43	607420	687.229	ug/l	98
60) Dibromochloromethane	10.98	129	190745	143.819	ug/l	98
61) 1,2-Dibromoethane	11.09	107	161812	137.375	ug/l	99
64) Tetrachloroethene	10.72	164	163840	126.834	ug/l	99
65) Chlorobenzene	11.51	112	547941	136.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	190513	141.631	ug/l	98
67) Ethyl Benzene	11.59	91	971583	134.111	ug/l	98
68) m/p-Xylenes	11.70	106	753404	271.427	ug/l	100
69) o-Xylene	12.02	106	364140	138.156	ug/l	100
70) Styrene	12.04	104	645828	139.327	ug/l	100
71) Bromoform	12.21	173	111834	148.000	ug/l #	98
73) Isopropylbenzene	12.33	105	966956	138.670	ug/l	99
74) N-amyl acetate	12.14	43	288037	147.479	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	216783	128.232	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	285889	226.395	ug/l #	100
77) Bromobenzene	12.60	156	202719	138.783	ug/l	98
78) n-propylbenzene	12.66	91	1179074	136.714	ug/l	100
79) 2-Chlorotoluene	12.76	91	645510	135.548	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	799784	137.709	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	86307	140.874	ug/l	96
82) 4-Chlorotoluene	12.85	91	681238	139.322	ug/l	99
83) tert-Butylbenzene	13.07	119	681145	136.555	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	784709	136.626	ug/l	100
85) sec-Butylbenzene	13.25	105	1002476	136.176	ug/l	99
86) p-Isopropyltoluene	13.37	119	844808	135.506	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	396527	138.037	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	401685	136.133	ug/l	99
89) n-Butylbenzene	13.69	91	876483	137.269	ug/l	99
90) Hexachloroethane	13.96	117	170822	139.548	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	369731	133.967	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	38907	121.217	ug/l	95

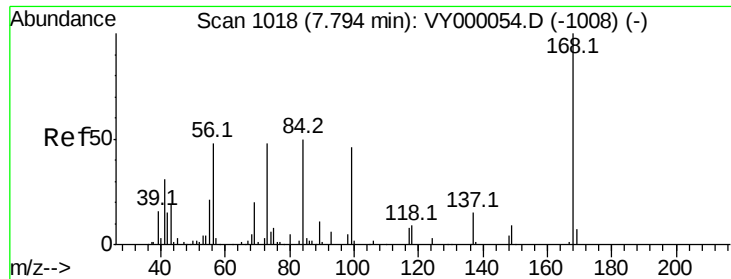
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Quant Title : SW846 8260
QLast Update : Tue Sep 17 12:22:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	238526	147.231	ug/l	97
94) Hexachlorobutadiene	15.10	225	107930	136.956	ug/l	99
95) Naphthalene	15.23	128	667784	143.109	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	225197	146.375	ug/l	98

(#) = 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: VY000056.D

Acq: 17 Sep 2019 12:53

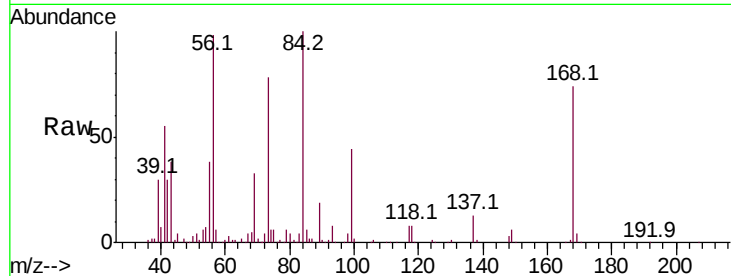
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 119896

Ion Ratio Lower Upper

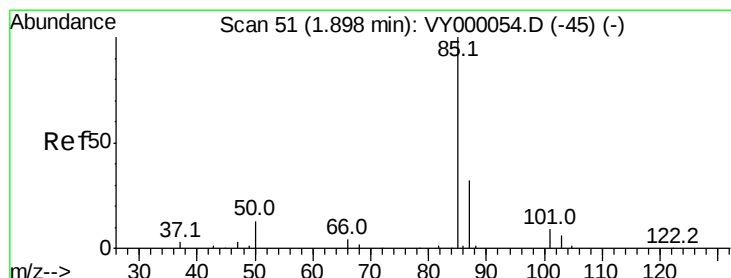
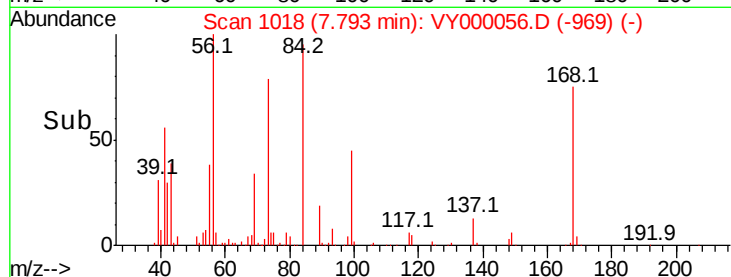
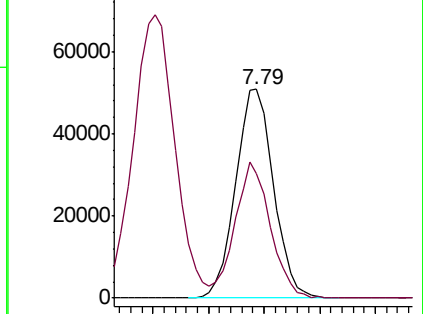
168 100

99 59.3 44.2 66.2



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

Ion 98.90 (98.60 to 99.60): VY000056.D (-969) (-)



#2

Dichlorodifluoromethane

Concen: 112.153 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000056.D

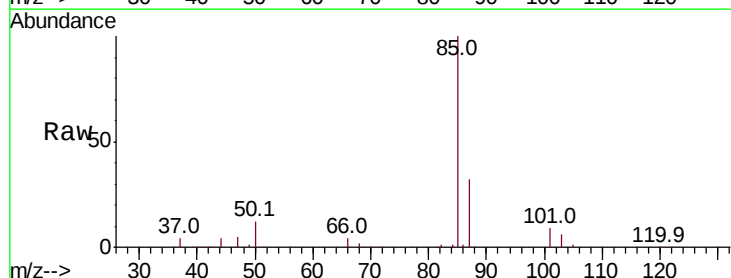
Acq: 17 Sep 2019 12:53

Tgt Ion: 85 Resp: 115989

Ion Ratio Lower Upper

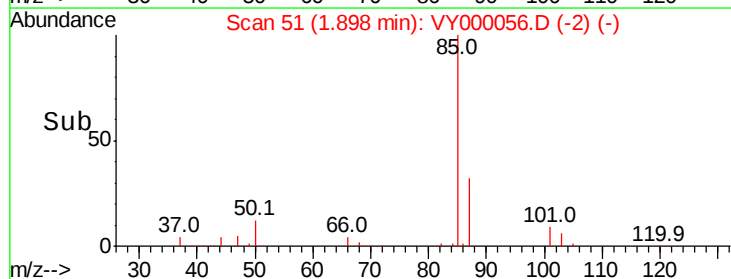
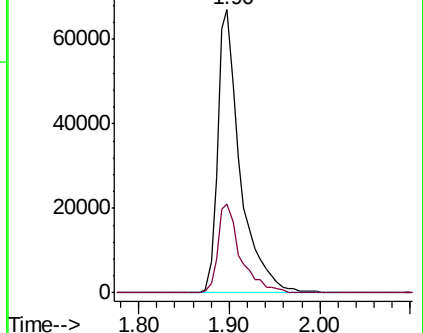
85 100

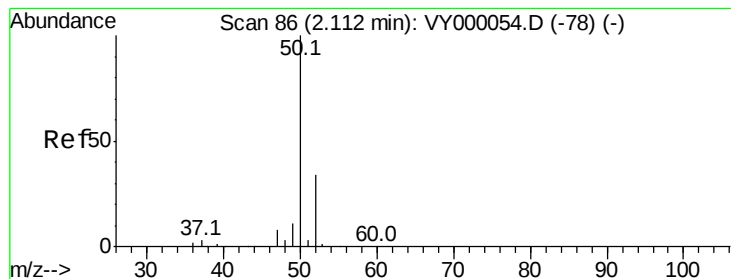
87 31.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VY000054.D (-45) (-)

Ion 86.90 (86.60 to 87.60): VY000056.D (-2) (-)





#3

Chloromethane

Concen: 91.009 ug/l

RT: 2.11 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

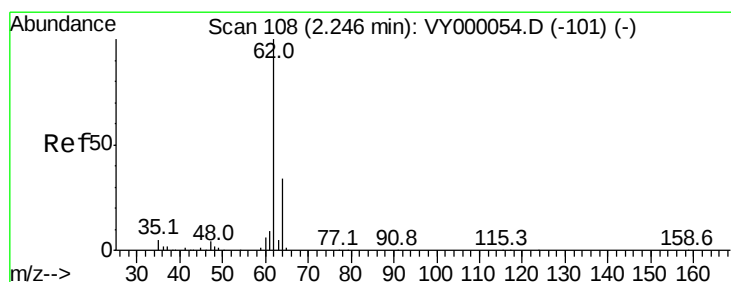
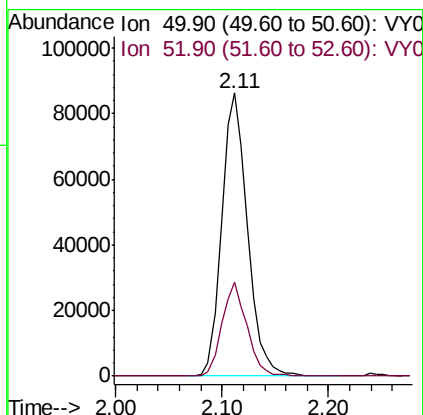
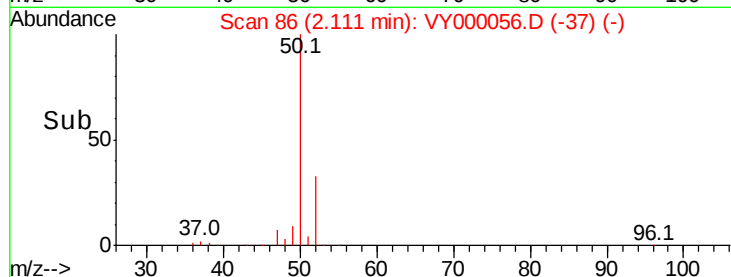
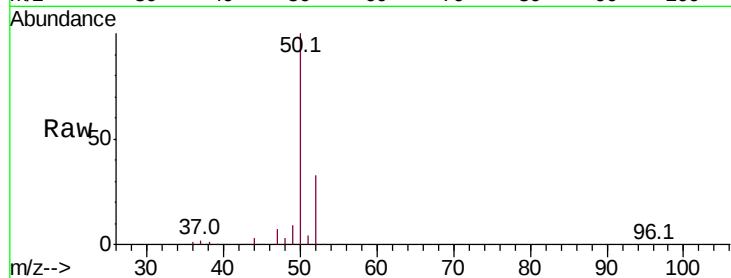
ClientSampleId :

Tot Ion: 50 Resp: 145927

Ion Ratio Lower Upper

50 100

52 33.0 27.3 40.9



#4

Vinyl Chloride

Concen: 127.258 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000056.D

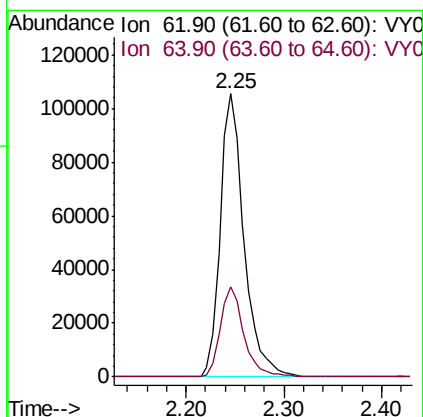
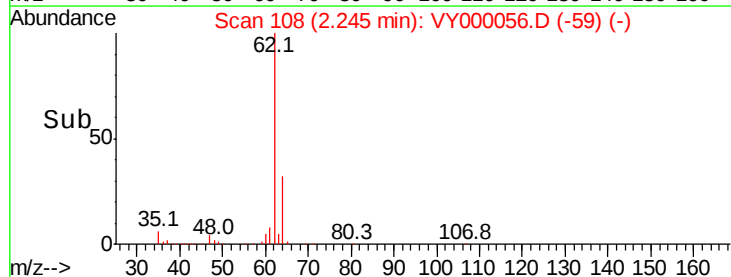
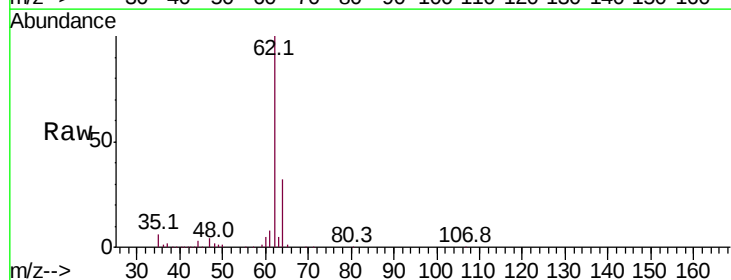
Acq: 17 Sep 2019 12:53

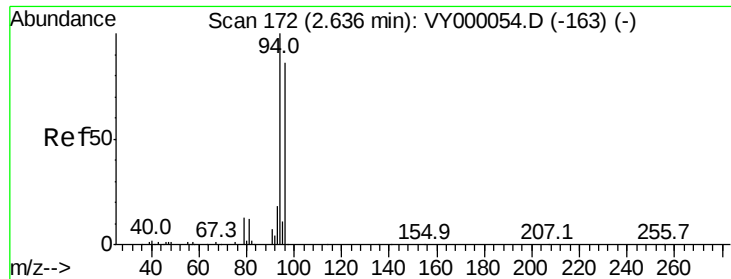
Tgt Ion: 62 Resp: 177178

Ion Ratio Lower Upper

62 100

64 32.0 26.9 40.3





#5

Bromomethane

Concen: 99.818 ug/l

RT: 2.61 min Scan# 167

Delta R.T. -0.03 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

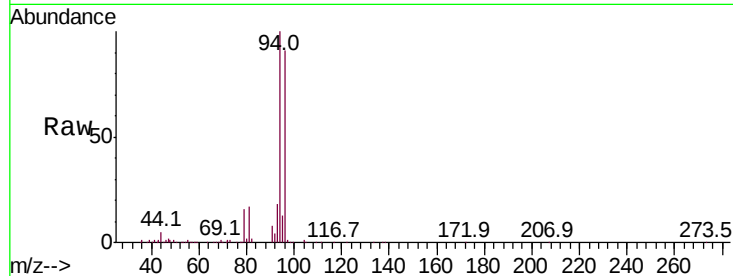
ClientSampleId :

Tot Ion: 94 Resp: 95515

Ion Ratio Lower Upper

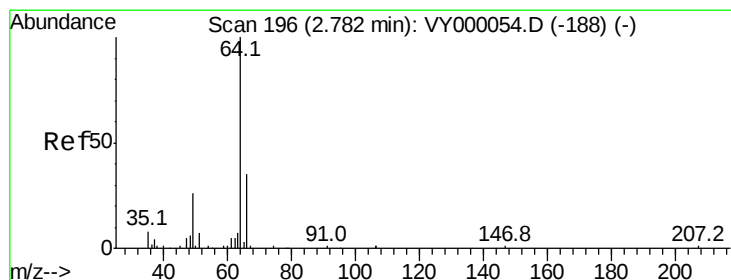
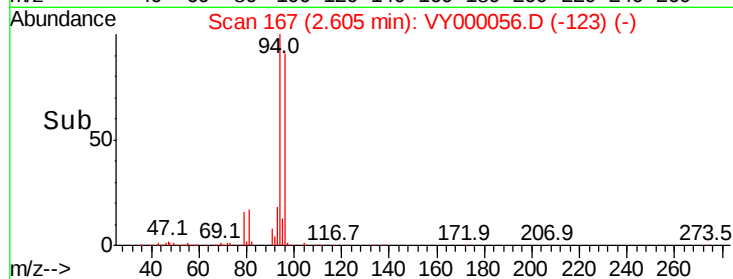
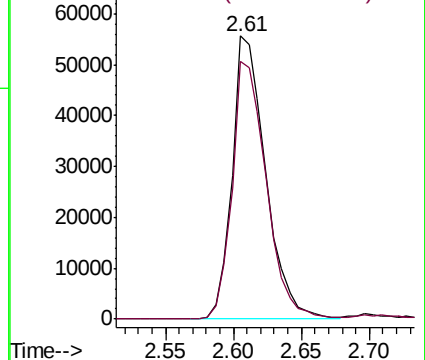
94 100

96 91.0 69.1 103.7



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 127.171 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VY000056.D

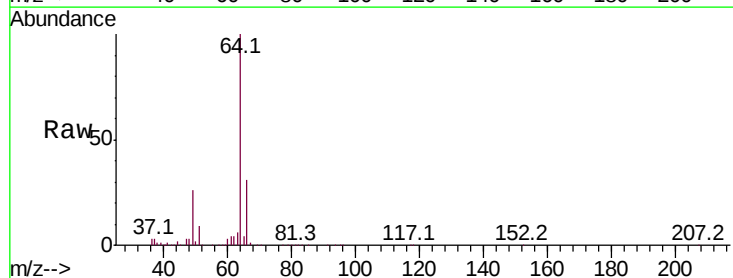
Acq: 17 Sep 2019 12:53

Tgt Ion: 64 Resp: 121699

Ion Ratio Lower Upper

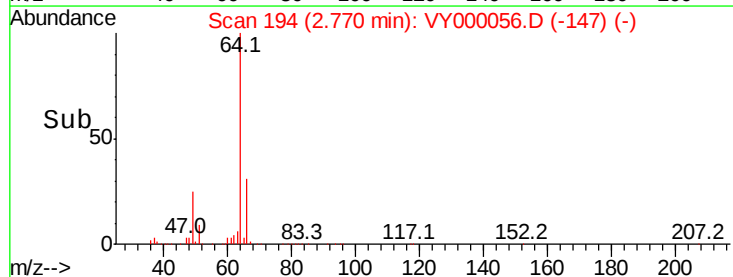
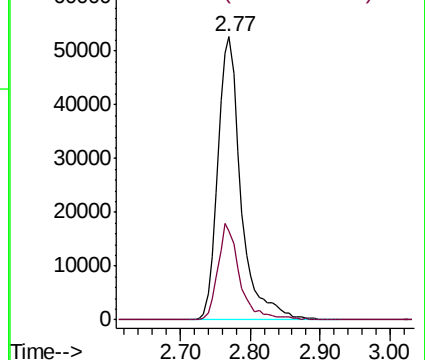
64 100

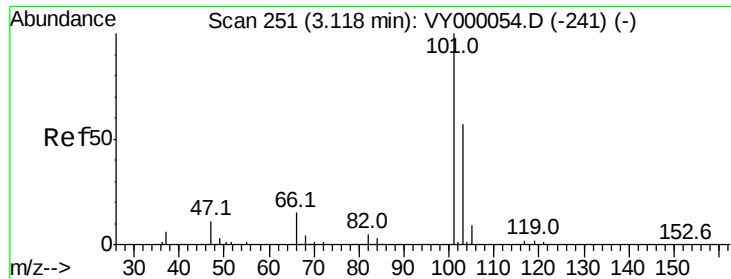
66 31.3 27.7 41.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



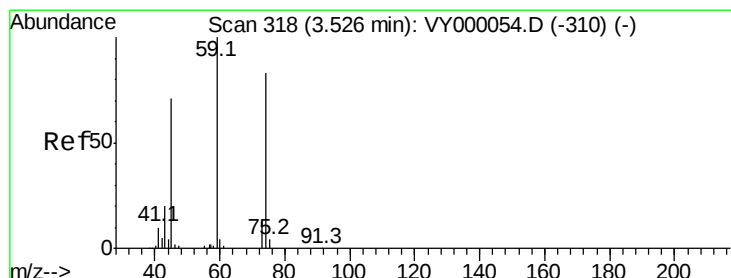
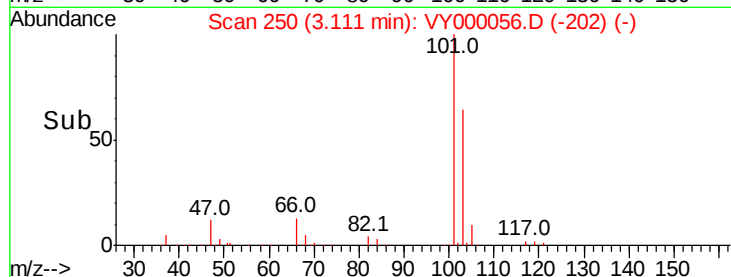
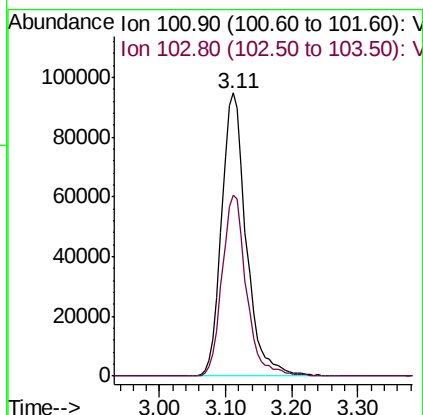
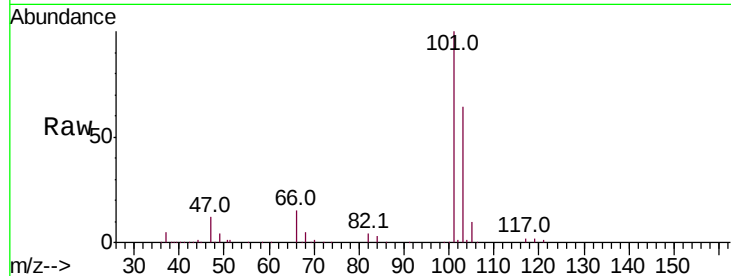


#7

Trichlorofluoromethane
 Concen: 122.042 ug/l
 RT: 3.11 min Scan# 250
 Delta R.T. -0.01 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :

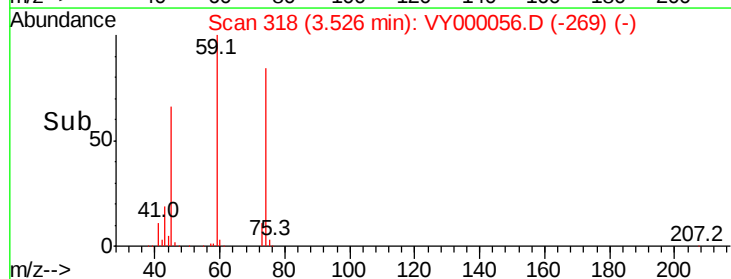
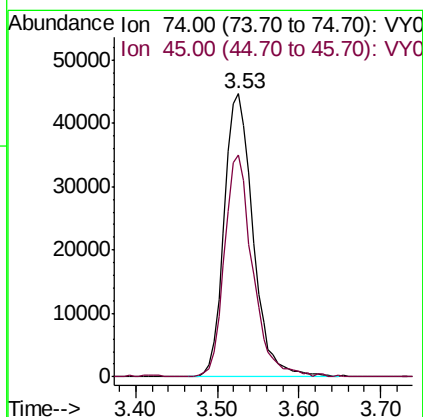
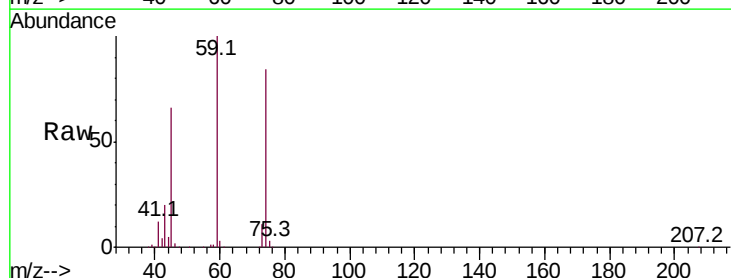
Tot Ion:101 Resp: 244507
 Ion Ratio Lower Upper
 101 100
 103 63.9 45.7 68.5

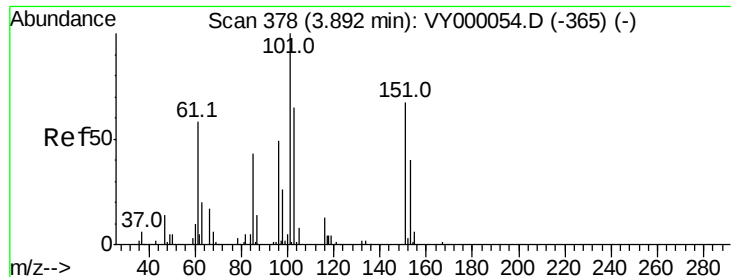


#8

Diethyl Ether
 Concen: 133.544 ug/l
 RT: 3.53 min Scan# 318
 Delta R.T. -0.00 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

Tgt Ion: 74 Resp: 108987
 Ion Ratio Lower Upper
 74 100
 45 77.0 40.6 122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 128.294 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

ClientSampleId :

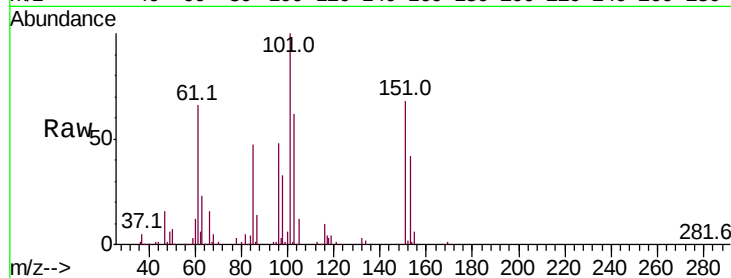
Tot Ion:101 Resp: 170930

Ion Ratio Lower Upper

101 100

85 44.4 36.8 55.2

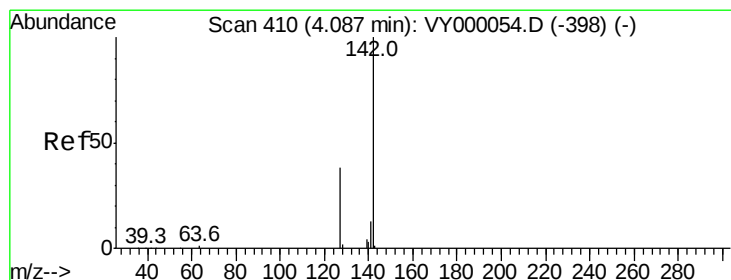
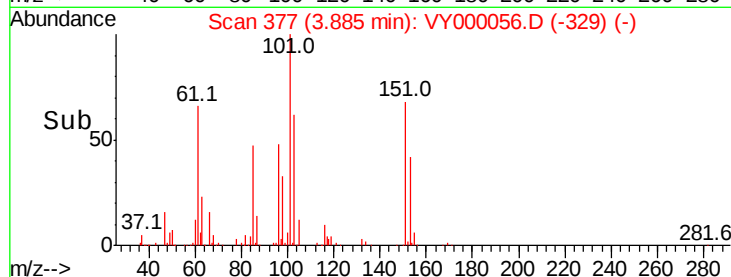
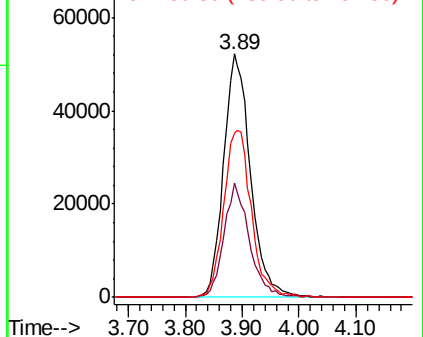
151 70.4 54.4 81.6



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: 162.057 ug/l

RT: 4.09 min Scan# 410

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

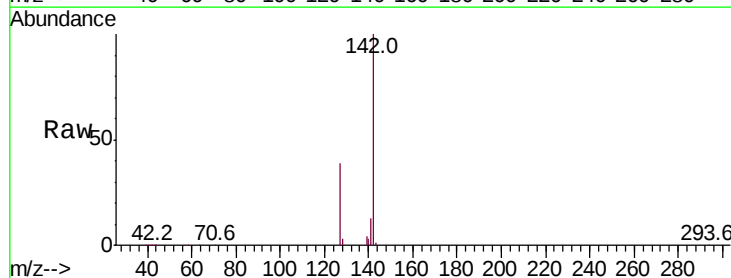
Tgt Ion:142 Resp: 207245

Ion Ratio Lower Upper

142 100

127 39.4 31.6 47.4

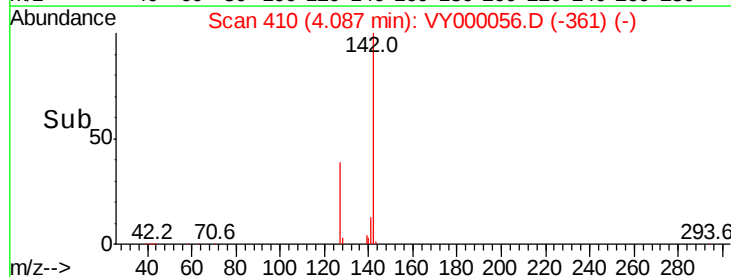
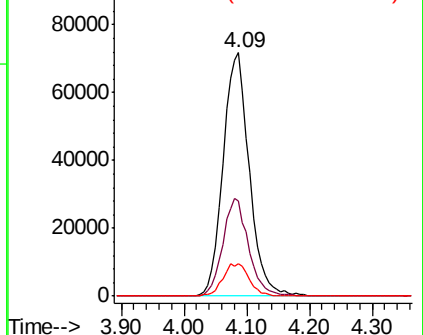
141 13.6 10.9 16.3

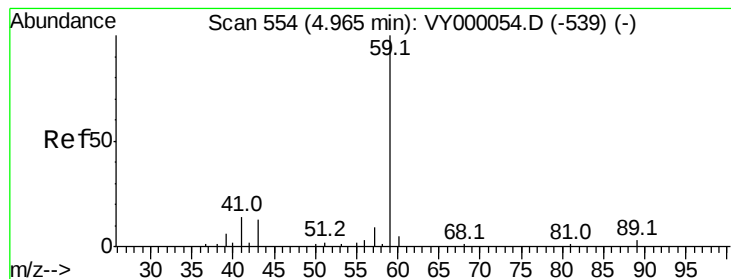


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



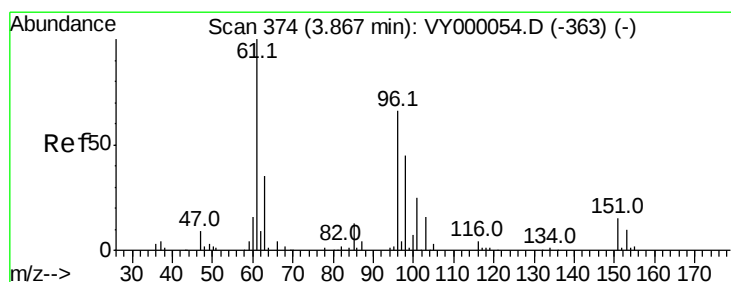
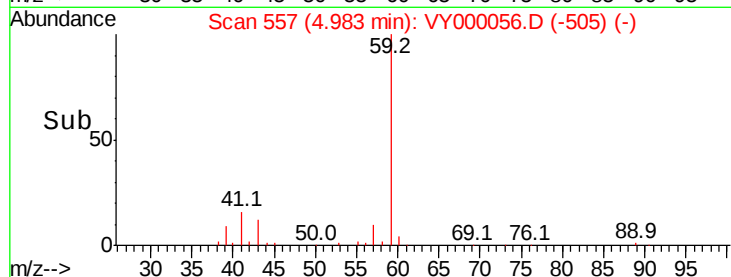
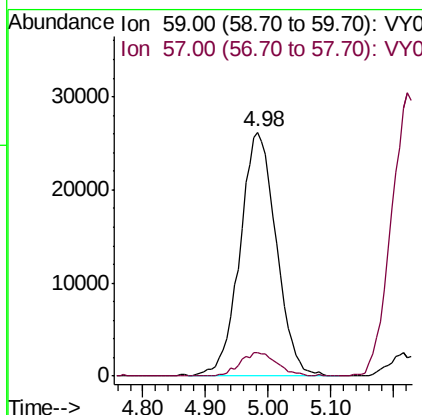
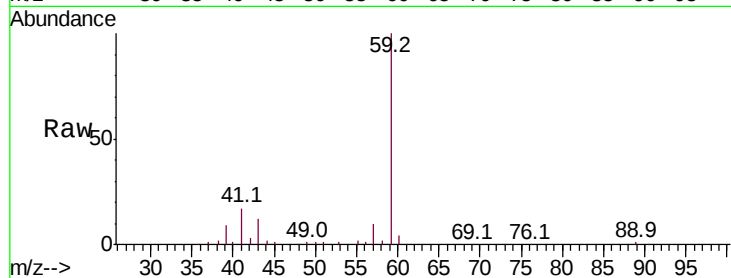


#11

Tert butyl alcohol
 Concen: 566.959 ug/l
 RT: 4.98 min Scan# 557
 Delta R.T. 0.02 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :

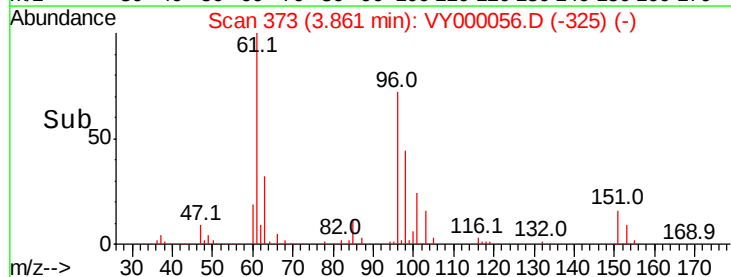
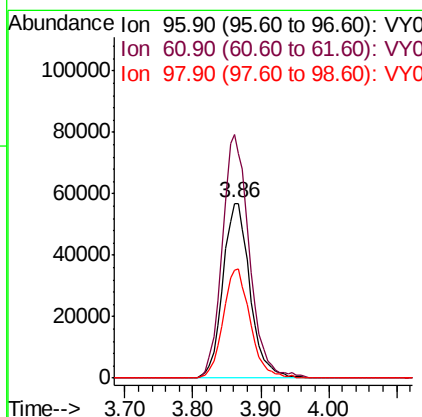
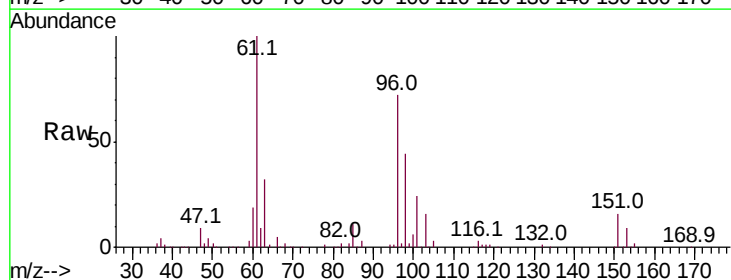
Tot Ion: 59 Resp: 104617
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.0 12.0

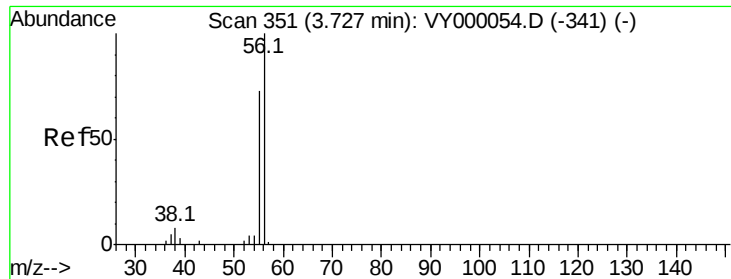


#12

1,1-Dichloroethene
 Concen: 126.401 ug/l
 RT: 3.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

Tgt Ion: 96 Resp: 157693
 Ion Ratio Lower Upper
 96 100
 61 139.1 120.4 180.6
 98 61.4 54.1 81.1

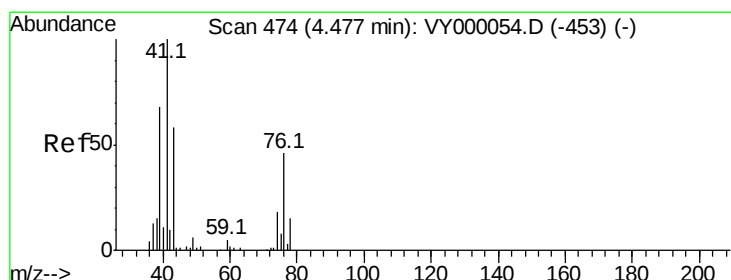
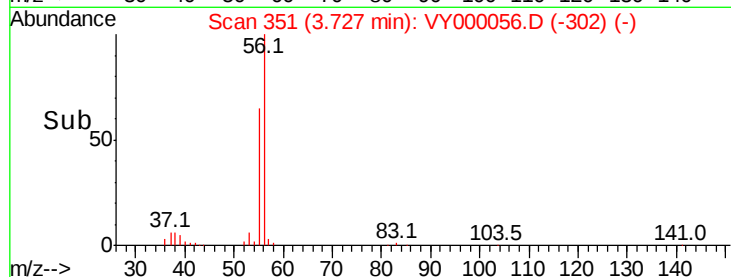
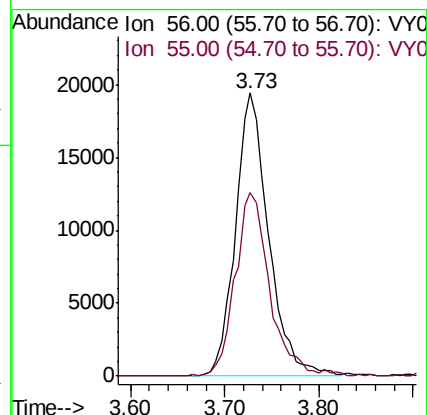
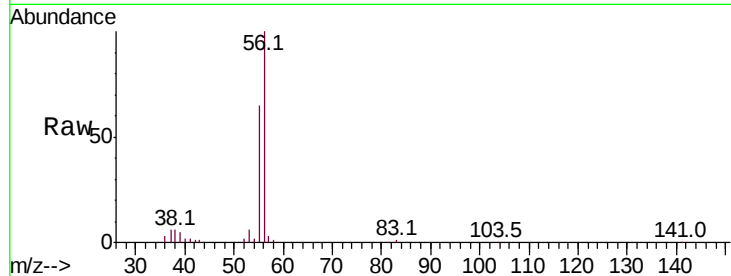




#13
Acrolein
Concen: 436.462 ug/l
RT: 3.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

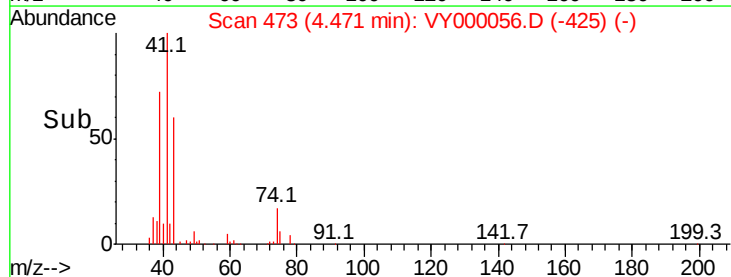
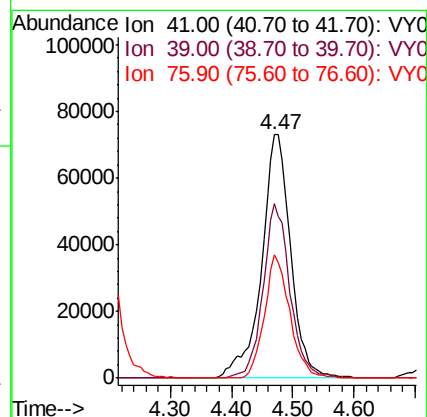
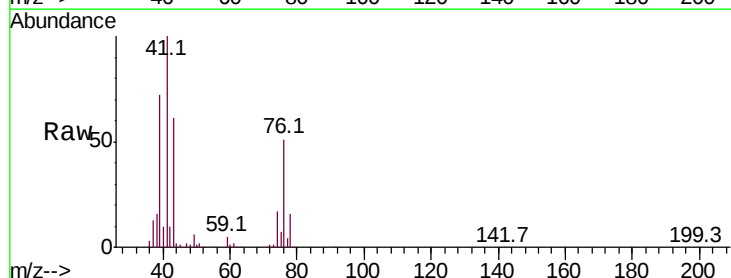
Instrument :
MSVOA_Y
ClientSampleId :

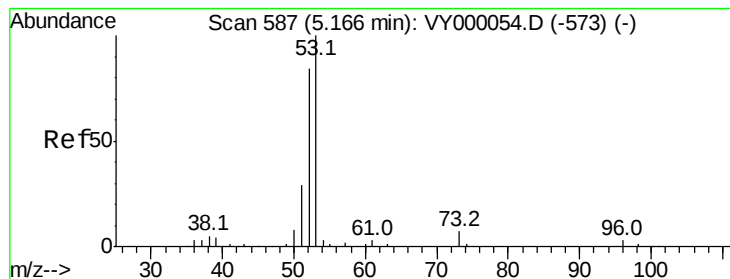
Tot Ion: 56 Resp: 47651
Ion Ratio Lower Upper
56 100
55 66.7 57.8 86.8



#14
Allyl chloride
Concen: 127.450 ug/l
RT: 4.47 min Scan# 473
Delta R.T. -0.01 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Tgt Ion: 41 Resp: 242644
Ion Ratio Lower Upper
41 100
39 66.4 52.7 79.1
76 44.2 35.5 53.3





#15

Acrylonitrile

Concen: 671.996 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

ClientSampled :

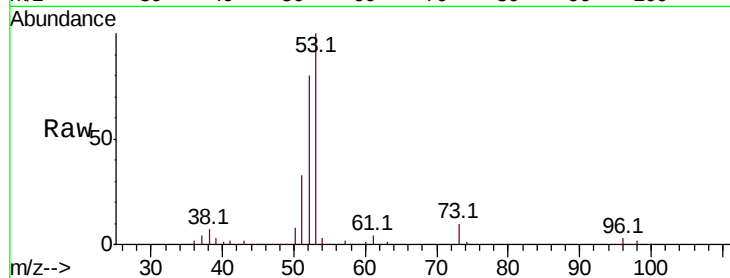
Tot Ion: 53 Resp: 330209

Ion Ratio Lower Upper

53 100

52 78.0 64.7 97.1

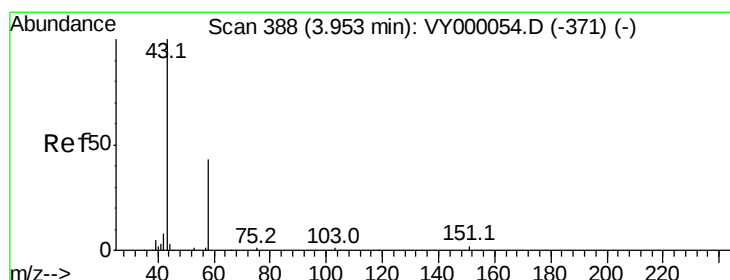
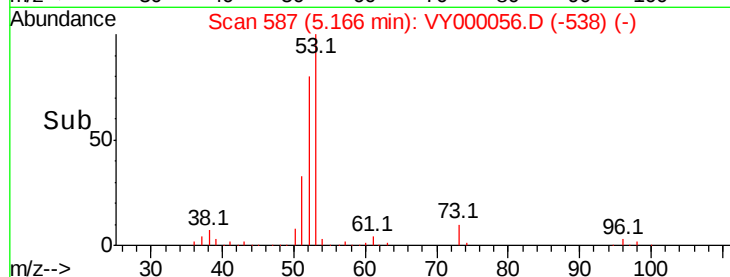
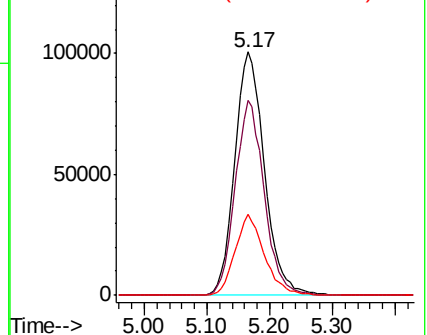
51 32.8 26.7 40.1



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 641.627 ug/l

RT: 3.95 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY000056.D

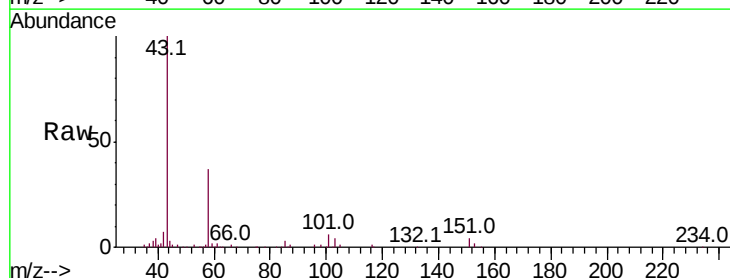
Acq: 17 Sep 2019 12:53

Tgt Ion: 43 Resp: 217020

Ion Ratio Lower Upper

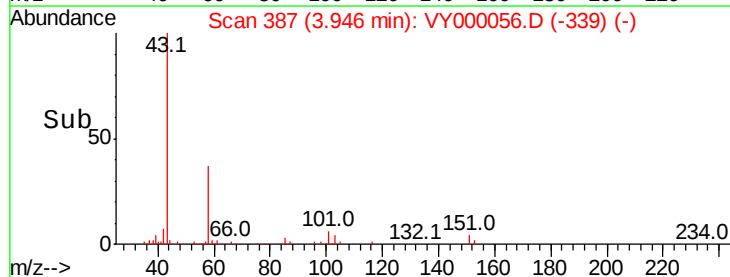
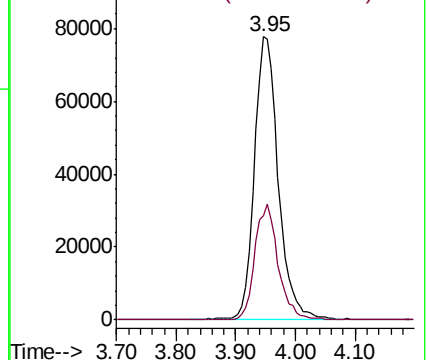
43 100

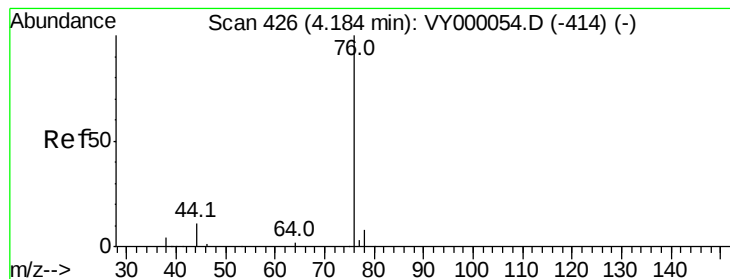
58 36.8 34.5 51.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 116.756 ug/l

RT: 4.18 min Scan# 426

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

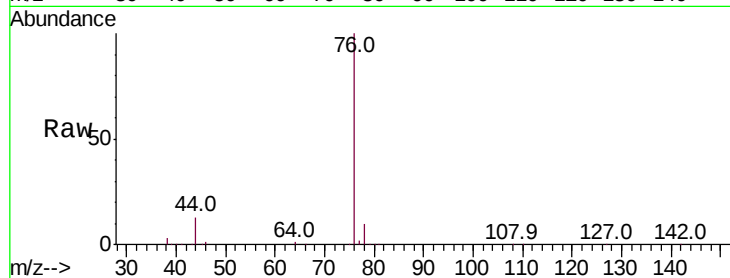
ClientSampled :

Tot Ion: 76 Resp: 289284

Ion Ratio Lower Upper

76 100

78 9.8 6.6 9.8#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

120000

100000

80000

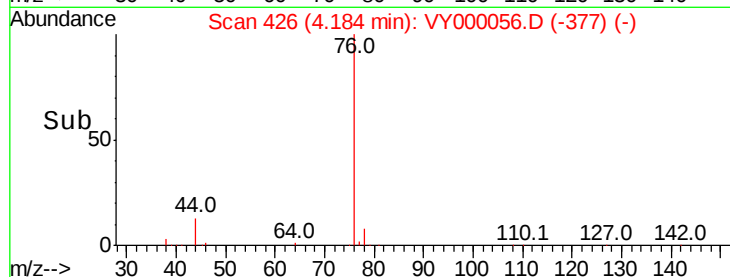
60000

40000

20000

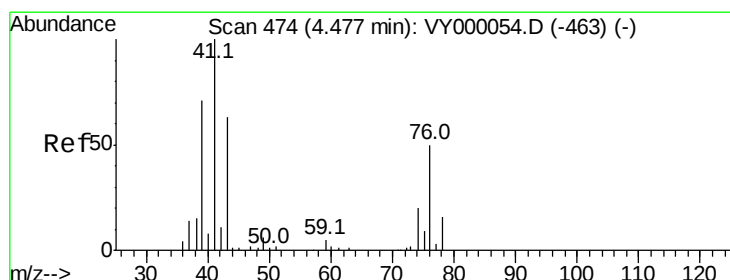
0

Time-->



4.18

4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 125.308 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000056.D

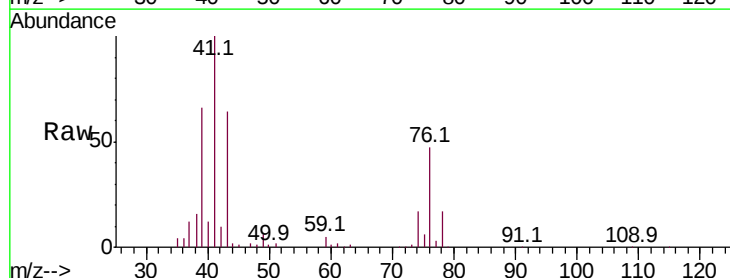
Acq: 17 Sep 2019 12:53

Tgt Ion: 43 Resp: 141420

Ion Ratio Lower Upper

43 100

74 28.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

50000

40000

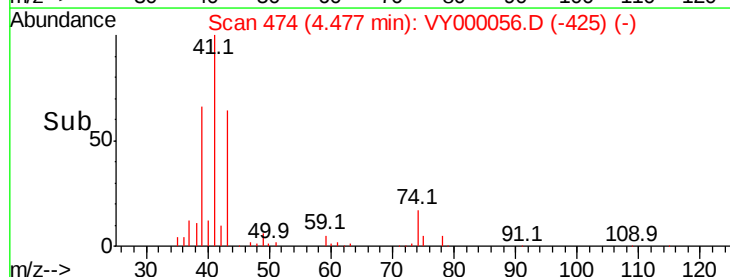
30000

20000

10000

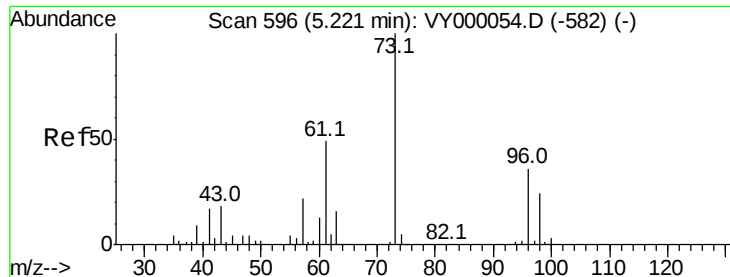
0

Time-->



4.48

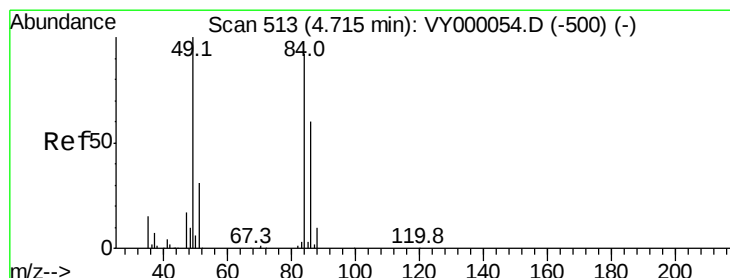
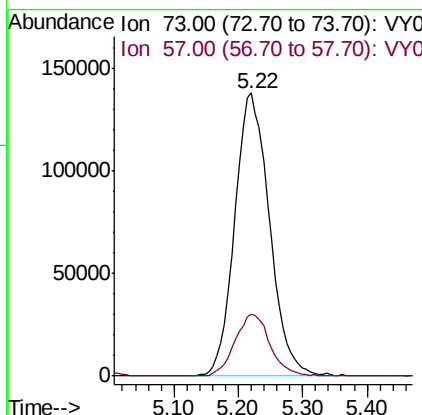
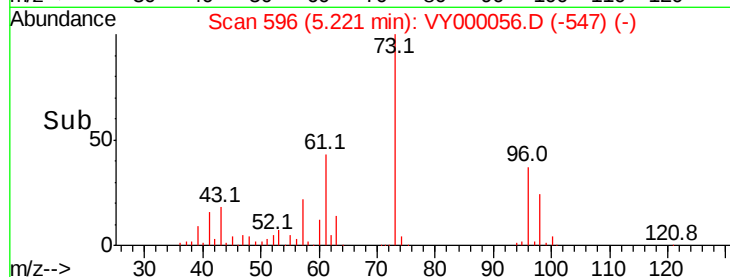
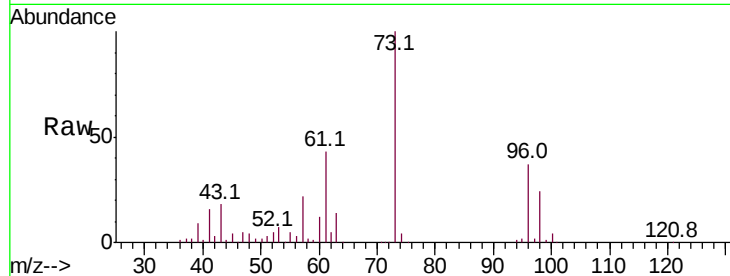
4.30 4.40 4.50 4.60



#19
Methvl tert-butvl Ether
Concen: 137.049 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

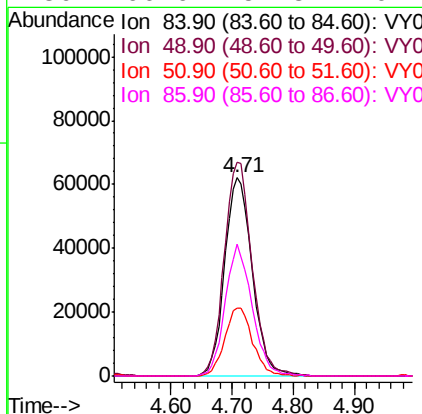
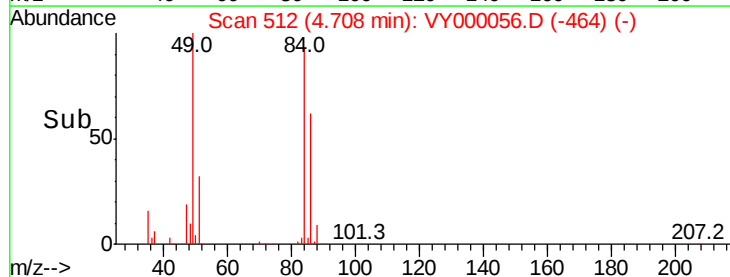
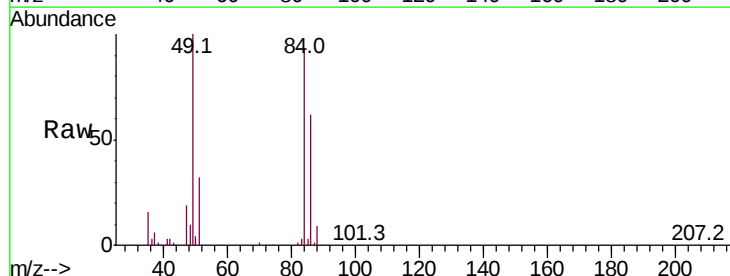
Instrument :
MSVOA_Y
ClientSampleId :

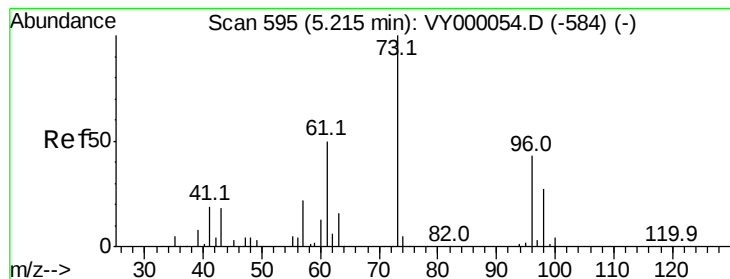
Tot Ion: 73 Resp: 515568
Ion Ratio Lower Upper
73 100
57 22.1 17.5 26.3



#20
Methylene Chloride
Concen: 119.738 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Tgt Ion: 84 Resp: 193325
Ion Ratio Lower Upper
84 100
49 107.8 87.4 131.0
51 34.3 27.2 40.8
86 66.6 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 128.187 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

ClientSampleId :

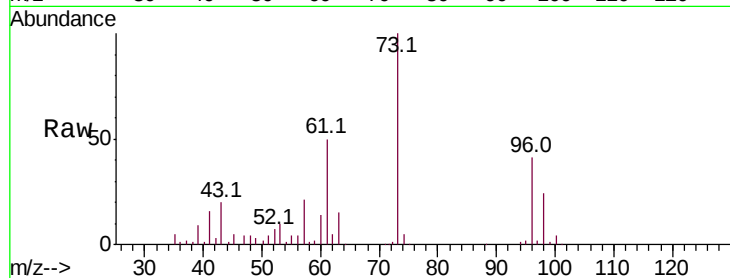
Tot Ion: 96 Resp: 172732

Ion Ratio Lower Upper

96 100

61 120.3 94.0 141.0

98 59.0 50.3 75.5

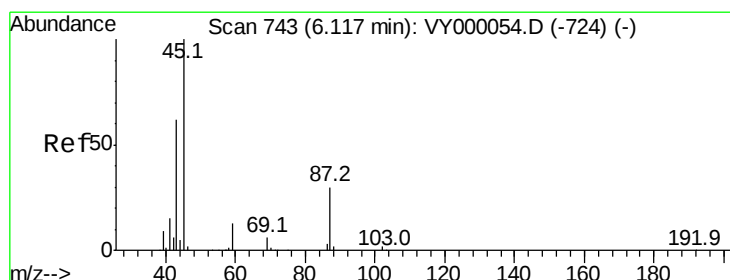
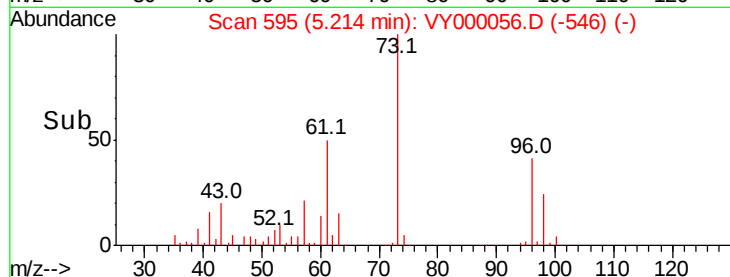
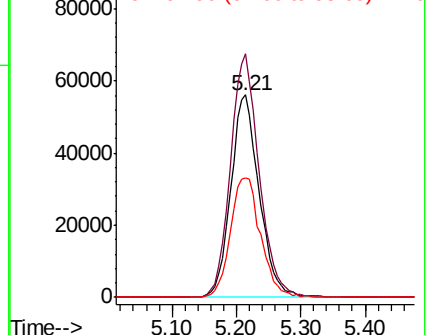


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 139.318 ug/l

RT: 6.12 min Scan# 743

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Tgt Ion: 45 Resp: 573773

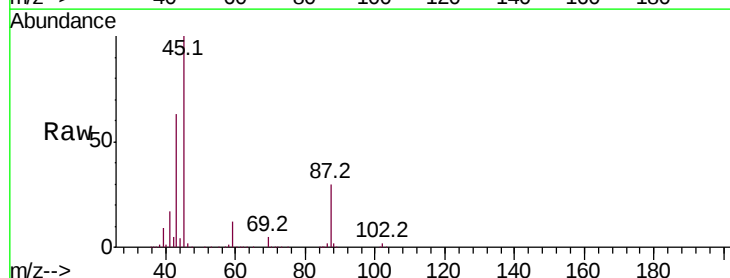
Ion Ratio Lower Upper

45 100

43 63.4 49.9 74.9

87 30.0 25.0 37.4

59 12.5 10.4 15.6



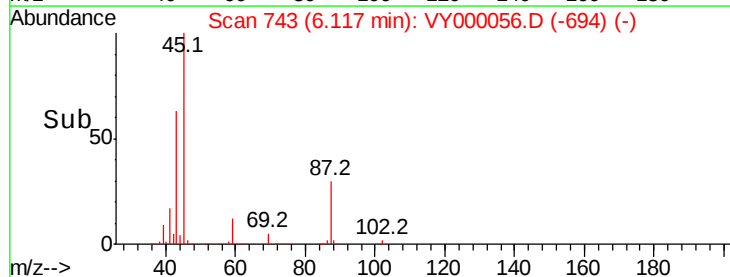
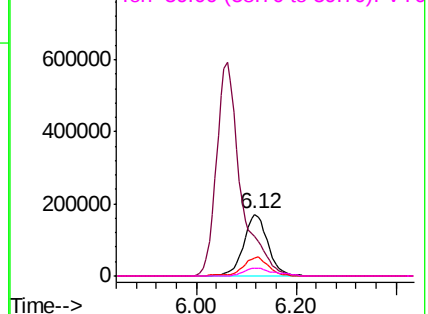
Abundance

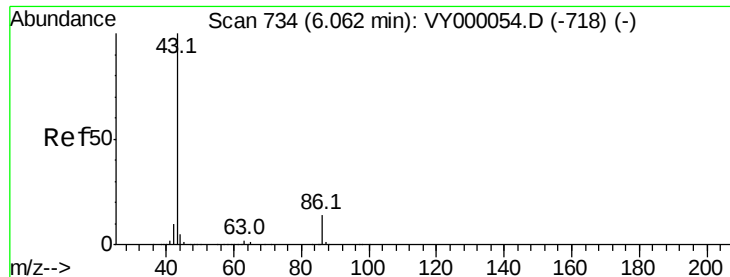
Ion 45.00 (44.70 to 45.70): VY0

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: 727.962 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

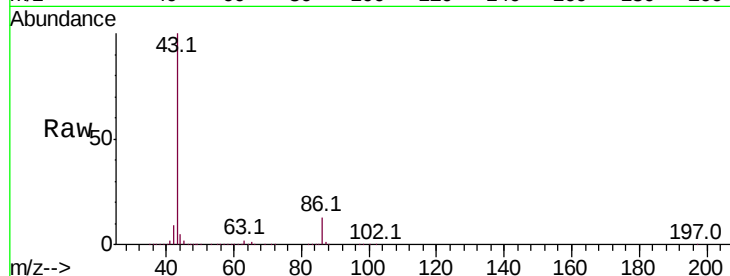
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1984694

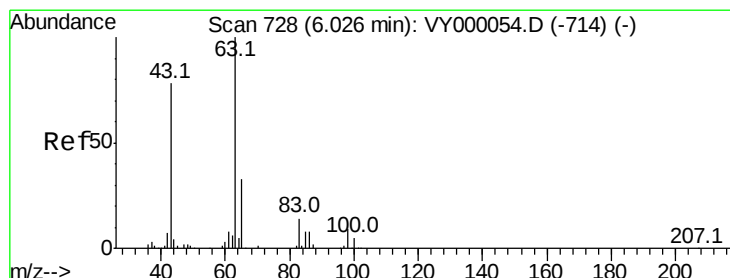
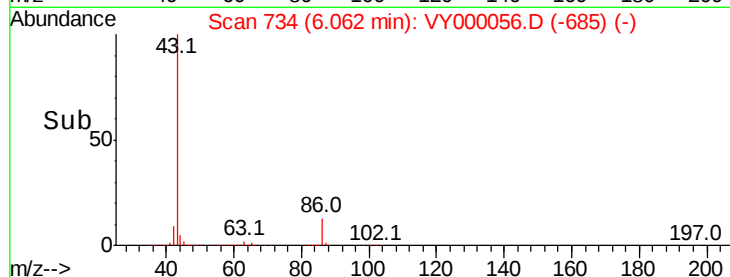
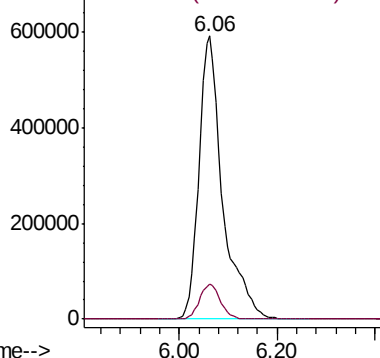
Ion Ratio Lower Upper

43 100

86 12.5 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: 134.765 ug/l

RT: 6.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

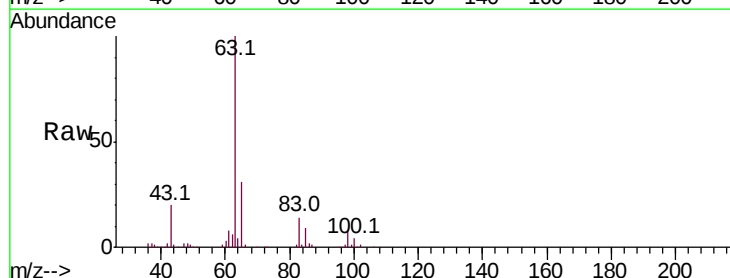
Tgt Ion: 63 Resp: 330634

Ion Ratio Lower Upper

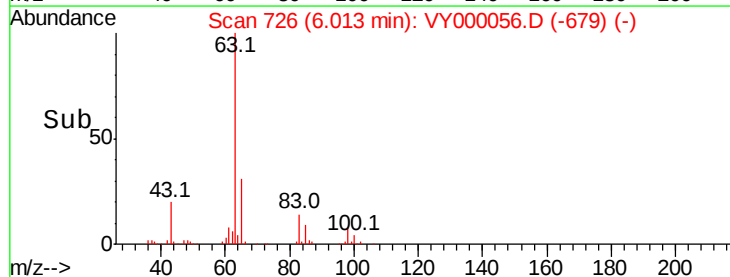
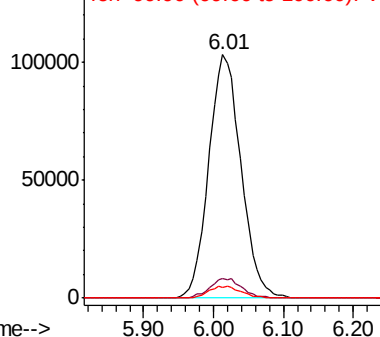
63 100

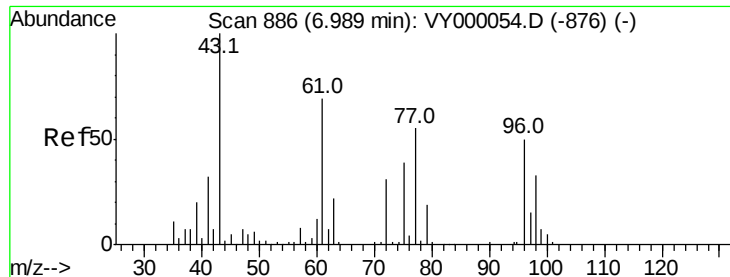
98 8.2 4.5 13.5

100 4.5 2.5 7.5



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





#25

2-Butanone

Concen: 649.290 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

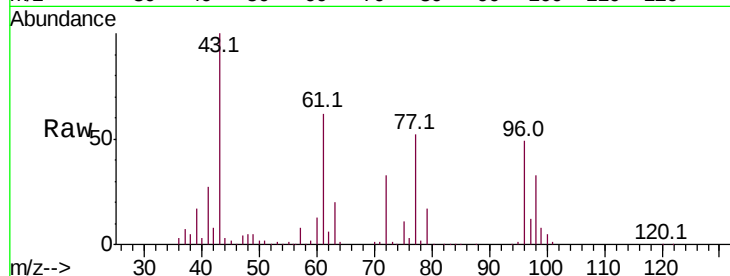
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 389636

Ion Ratio Lower Upper

43 100

72 32.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

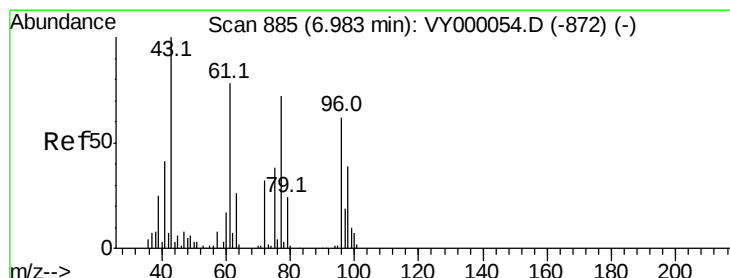
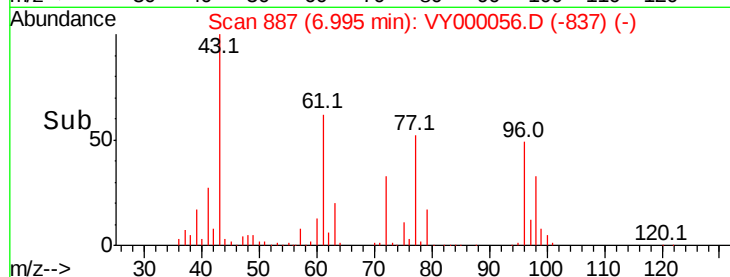
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 119.156 ug/l

RT: 6.98 min Scan# 884

Delta R.T. -0.01 min

Lab File: VY000056.D

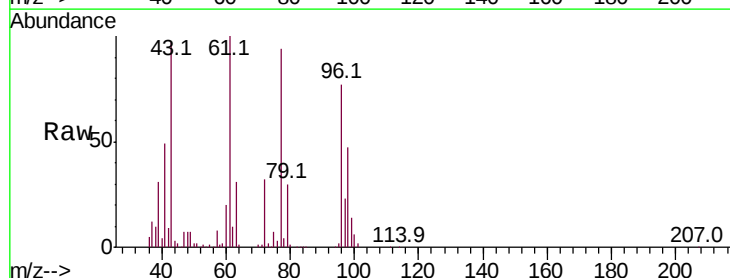
Acq: 17 Sep 2019 12:53

Tgt Ion: 77 Resp: 289154

Ion Ratio Lower Upper

77 100

97 24.4 12.5 37.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.98

100000

80000

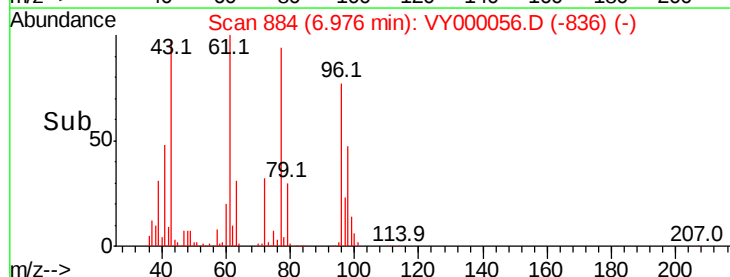
60000

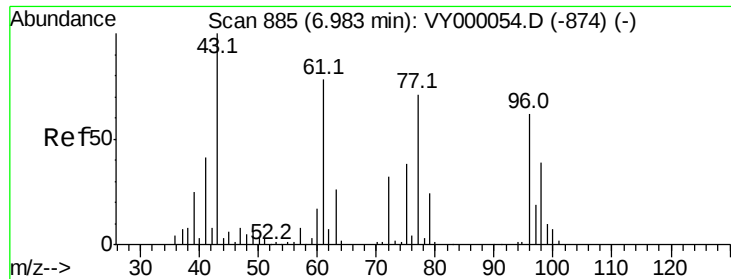
40000

20000

0

Time-->



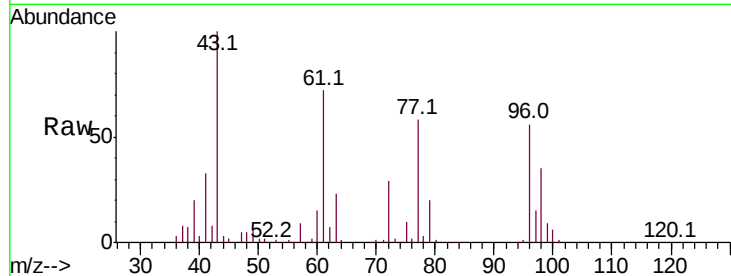


#27

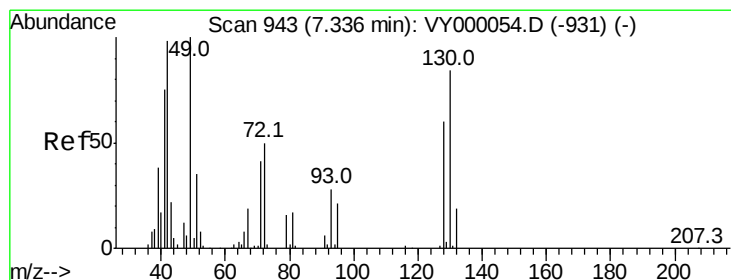
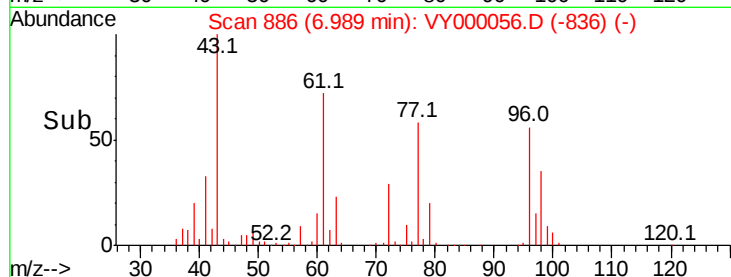
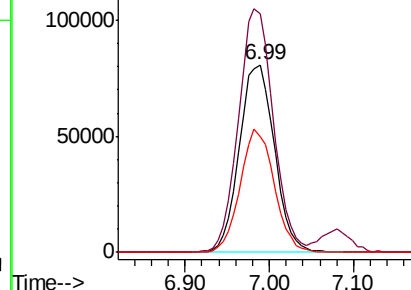
cis-1,2-Dichloroethene
Concen: 133.613 ug/l
RT: 6.99 min Scan# 886
Delta R.T. 0.01 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 227289
Ion Ratio Lower Upper
96 100
61 129.4 0.0 263.0
98 63.9 0.0 130.2



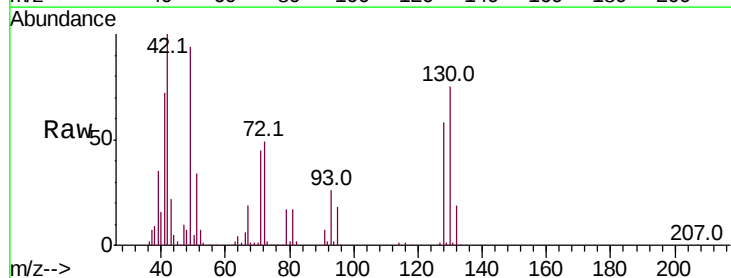
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



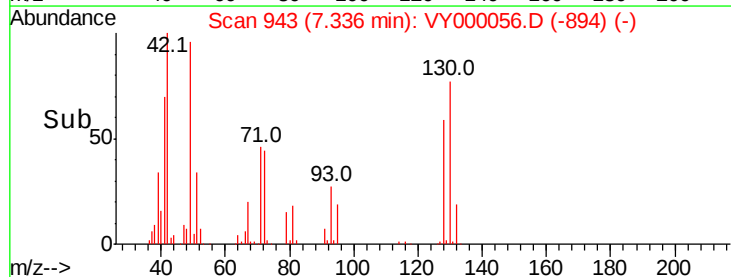
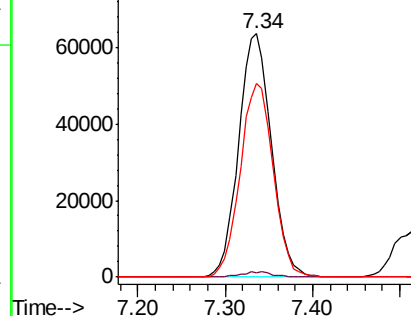
#28

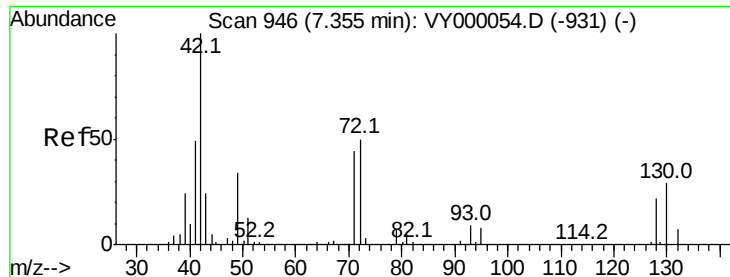
Bromochloromethane
Concen: 144.713 ug/l
RT: 7.34 min Scan# 943
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Tgt Ion: 49 Resp: 165594
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 80.2 66.2 99.4



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

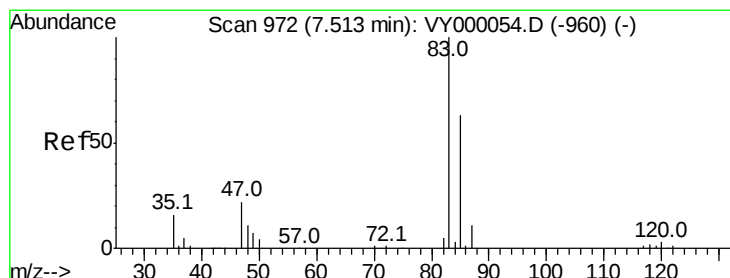
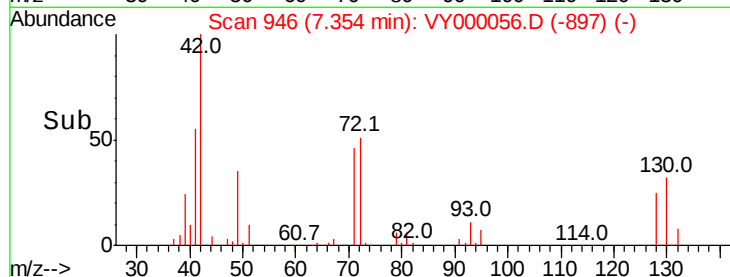
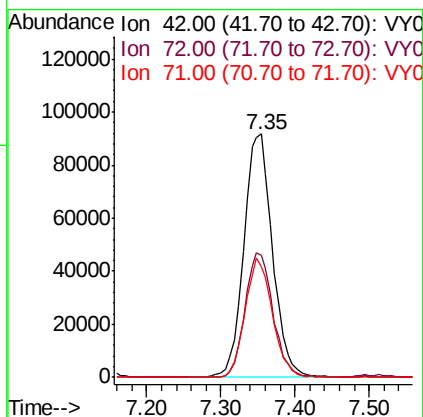
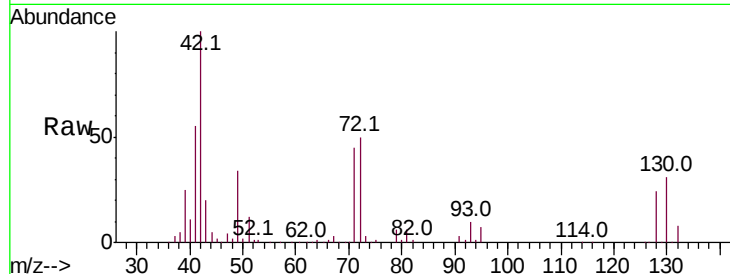




#29
Tetrahydrofuran
Concen: 688.065 ug/l
RT: 7.35 min Scan# 946
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

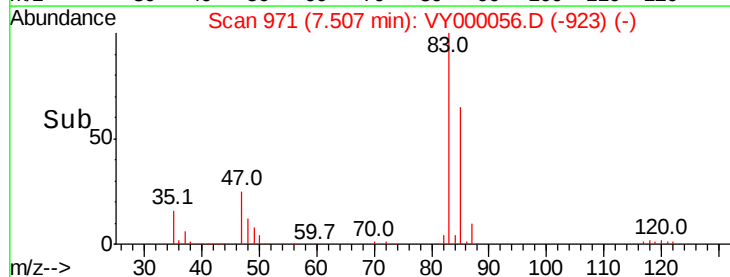
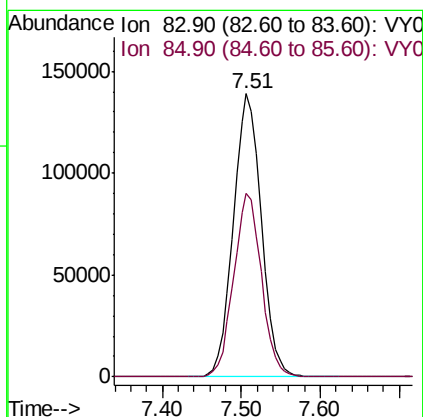
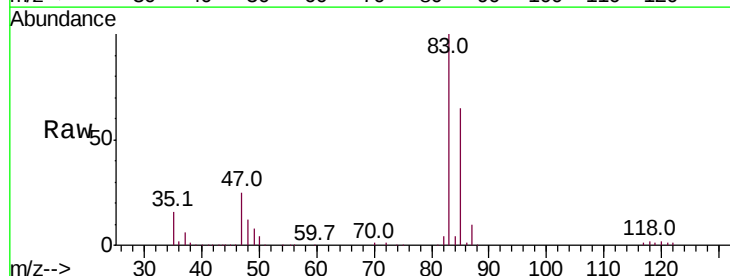
Instrument :
MSVOA_Y
ClientSampled :

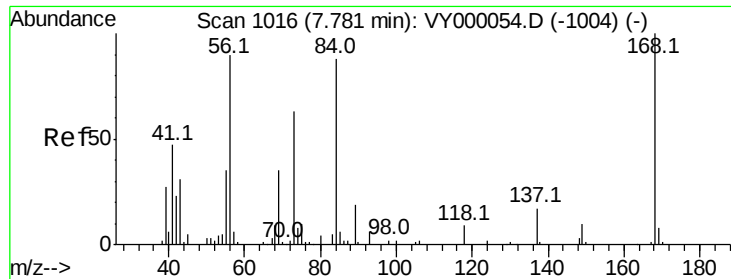
Tot Ion: 42 Resp: 247402
Ion Ratio Lower Upper
42 100
72 50.0 41.8 62.6
71 46.8 38.6 58.0



#30
Chloroform
Concen: 131.954 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Tgt Ion: 83 Resp: 342587
Ion Ratio Lower Upper
83 100
85 65.0 50.6 76.0





#31

Cyclohexane

Concen: 110.600 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :
MSVOA_Y
ClientSampled :

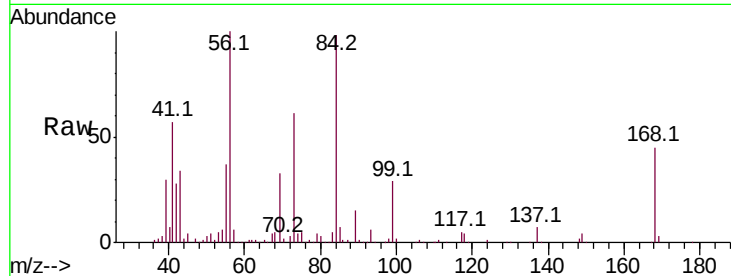
Tot Ion: 56 Resp: 236852

Ion Ratio Lower Upper

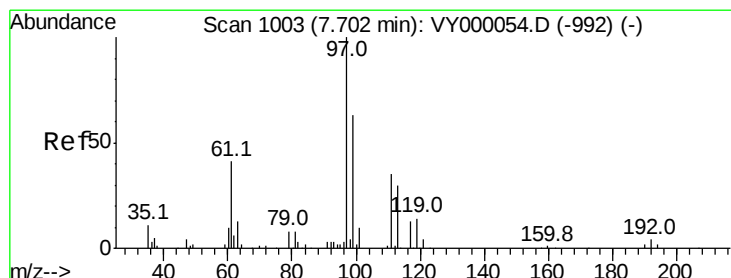
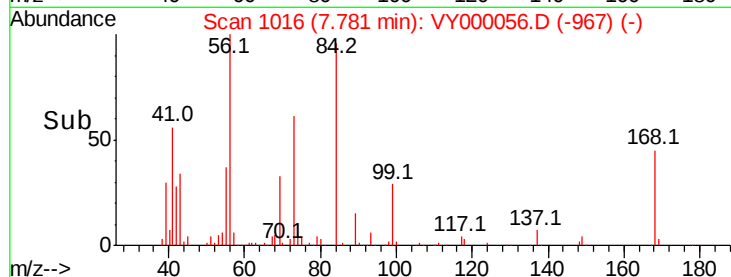
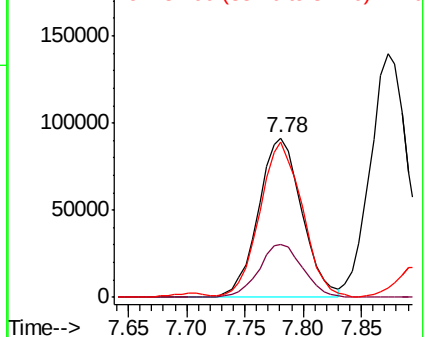
56 100

69 32.5 30.9 46.3

84 95.4 78.5 117.7



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



#32

1,1,1-Trichloroethane

Concen: 136.913 ug/l

RT: 7.70 min Scan# 1003

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

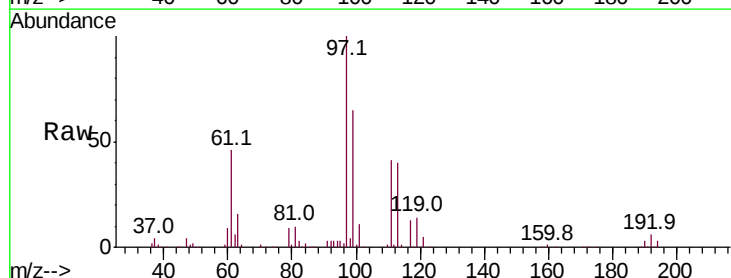
Tgt Ion: 97 Resp: 282799

Ion Ratio Lower Upper

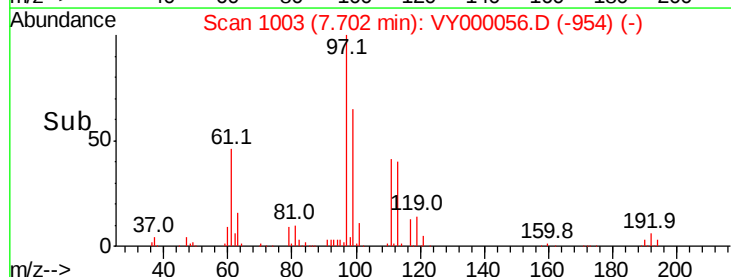
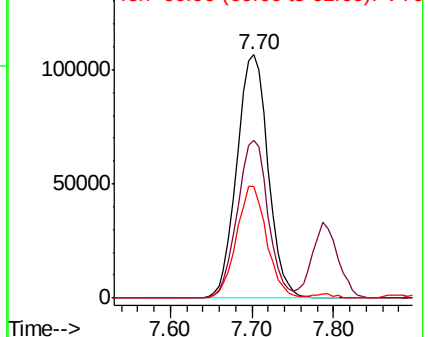
97 100

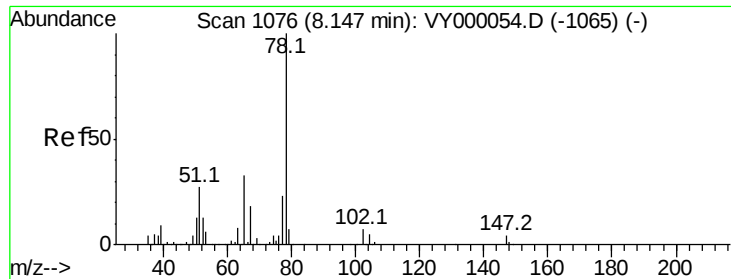
99 63.8 51.8 77.6

61 44.3 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: 133.643 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

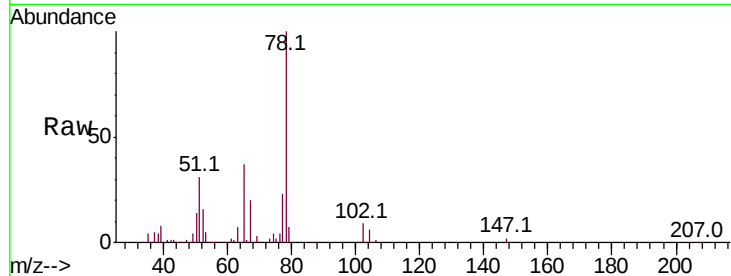
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 196322

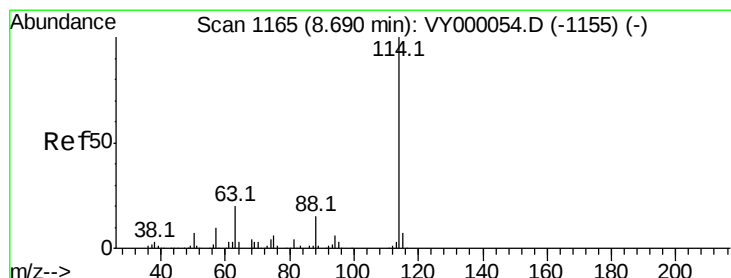
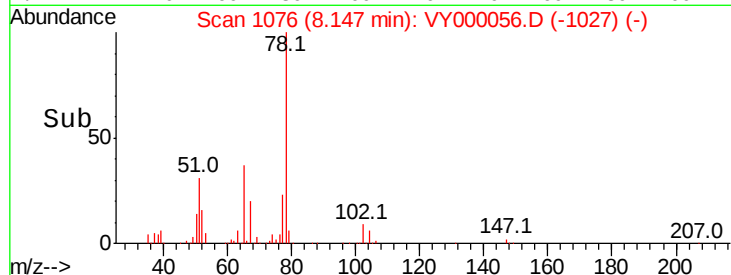
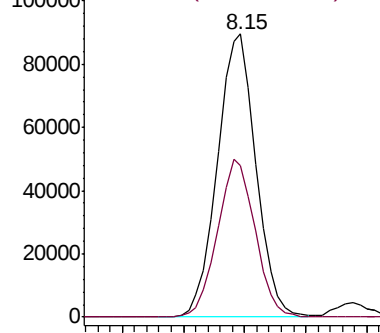
Ion Ratio Lower Upper

65 100

67 54.3 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: VY000056.D

Acq: 17 Sep 2019 12:53

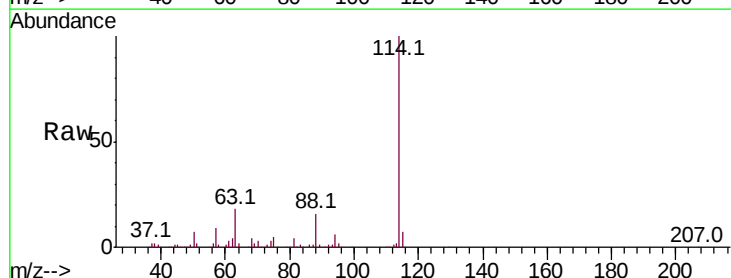
Tgt Ion: 114 Resp: 227824

Ion Ratio Lower Upper

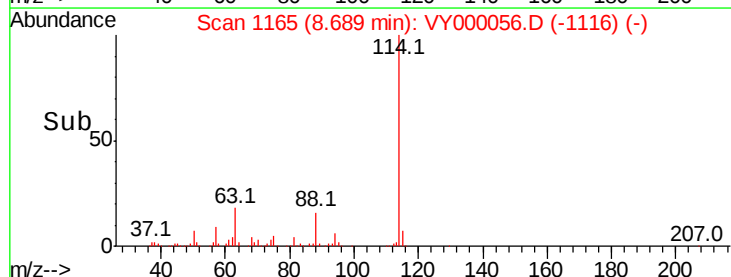
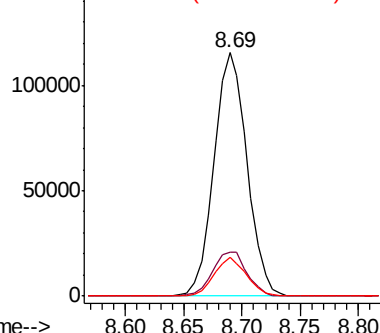
114 100

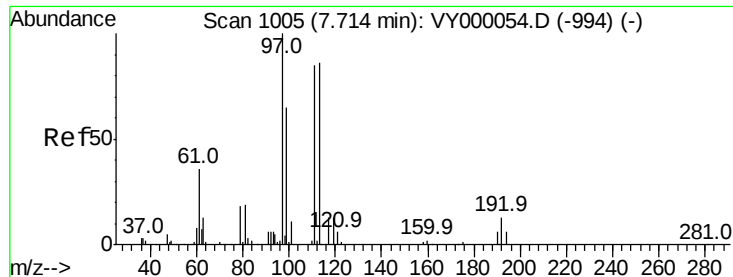
63 18.0 0.0 39.4

88 16.0 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

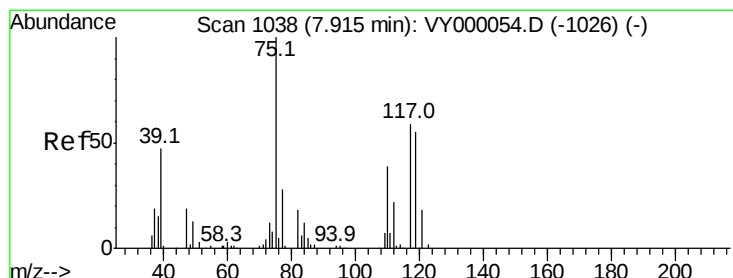
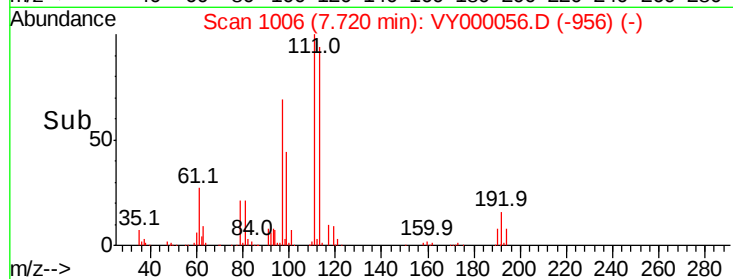
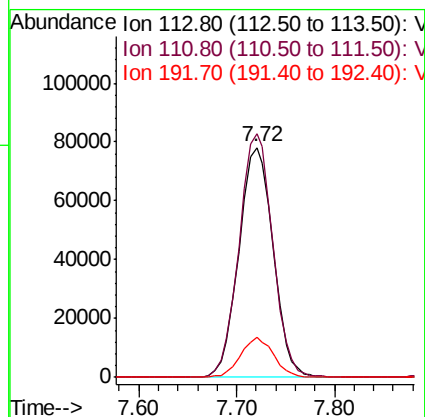
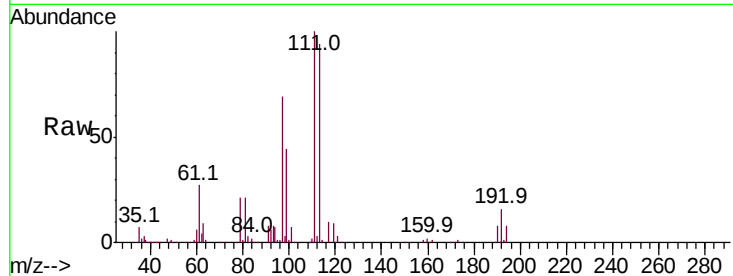




#35
 Dibromofluoromethane
 Concen: 130.536 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

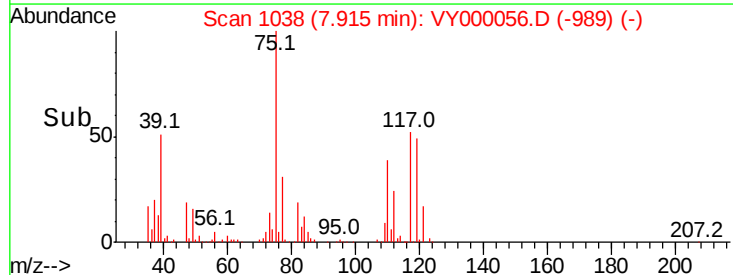
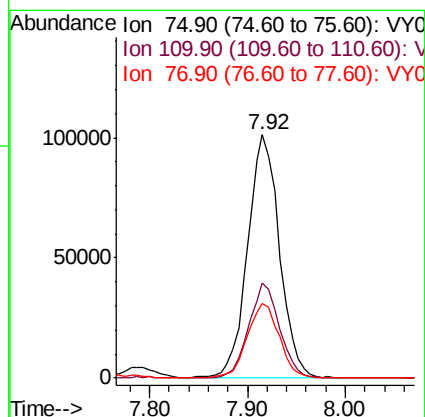
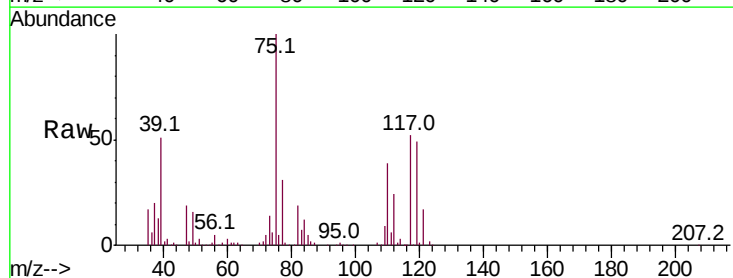
Instrument :
 MSVOA_Y
 ClientSampleId :

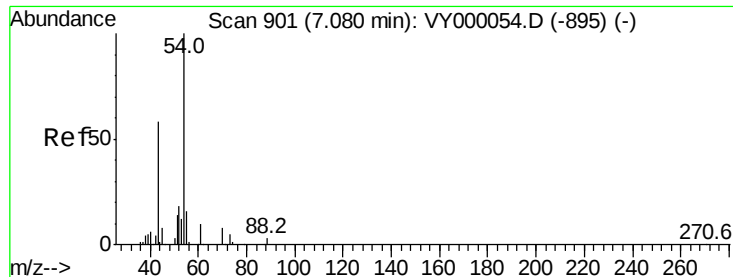
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.7	122.5
192	16.6	13.4	20.2



#36
 1,1-Dichloropropene
 Concen: 126.980 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.0	19.6	58.7
77	31.3	24.3	36.5

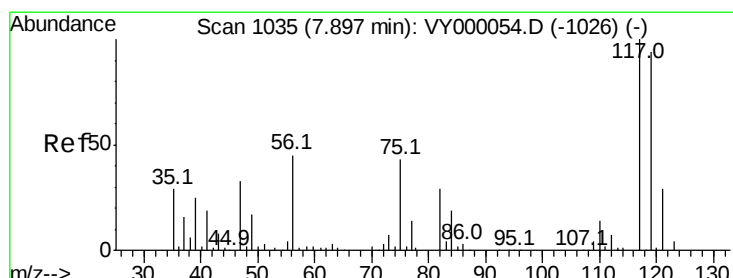
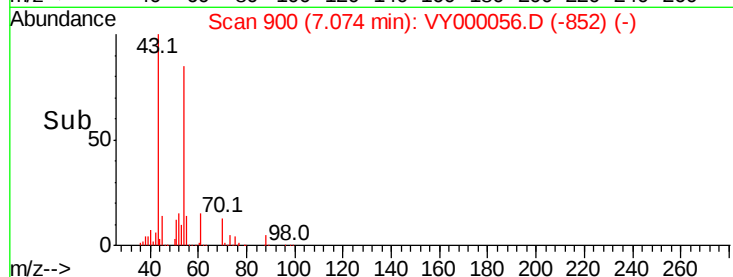
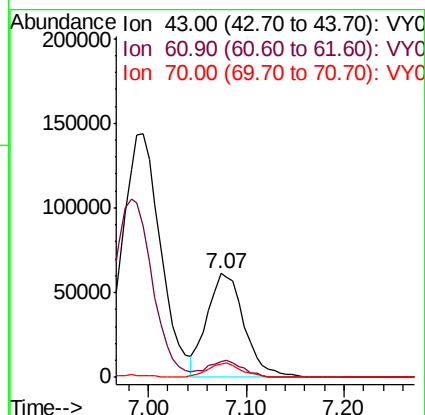
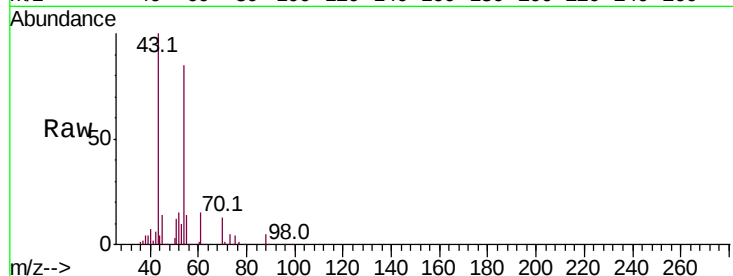




#37
Ethyl Acetate
Concen: 141.544 ug/l
RT: 7.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

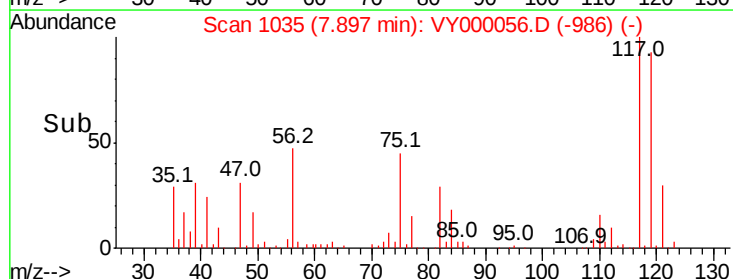
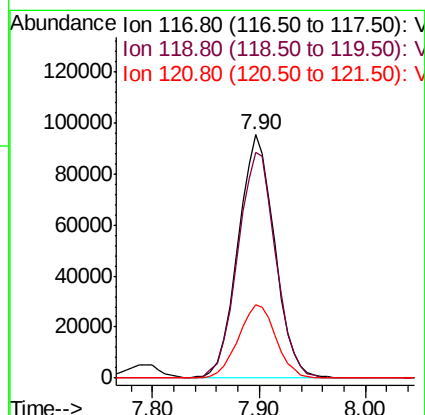
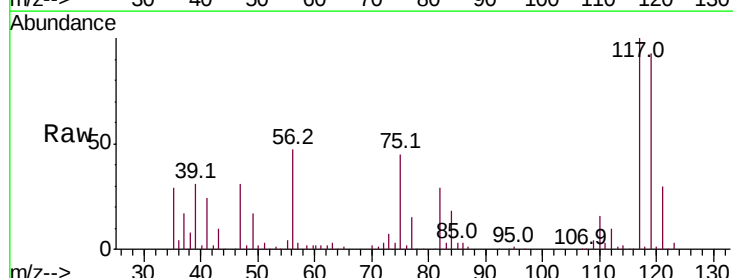
Instrument :
MSVOA_Y
ClientSampleId :

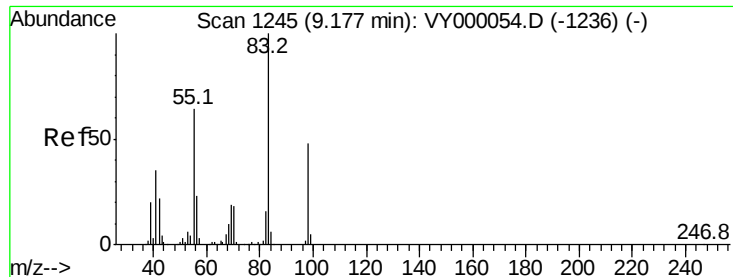
Tot Ion: 43 Resp: 161745
Ion Ratio Lower Upper
43 100
61 15.4 14.1 21.1
70 12.5 10.6 15.8



#38
Carbon Tetrachloride
Concen: 140.238 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Tgt Ion: 117 Resp: 230266
Ion Ratio Lower Upper
117 100
119 92.7 75.0 112.6
121 30.3 22.8 34.2

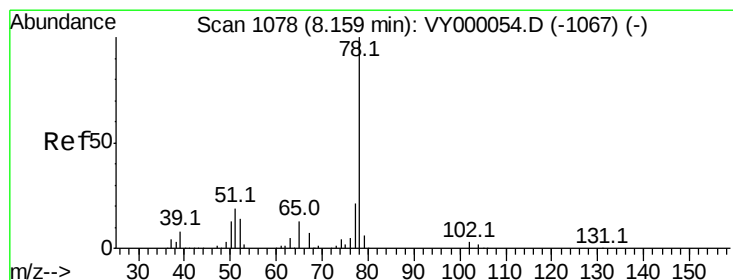
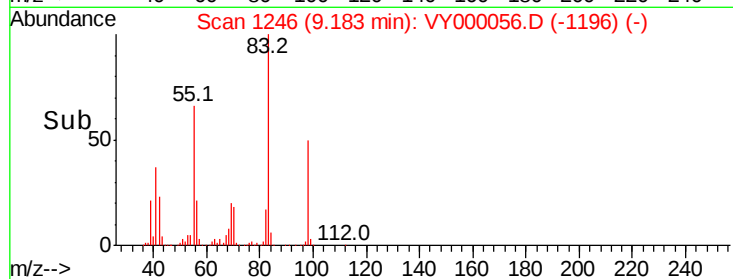
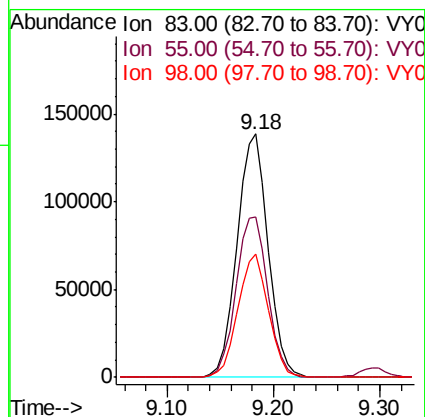
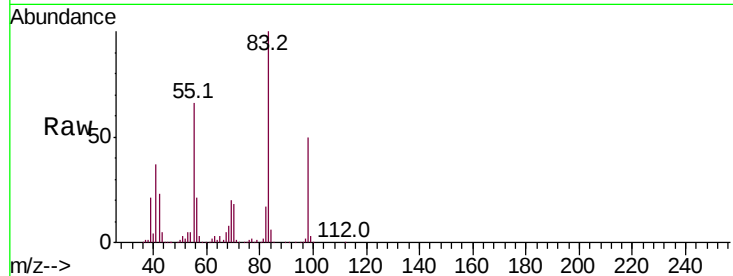




#39
Methylcyclohexane
Concen: 130.138 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

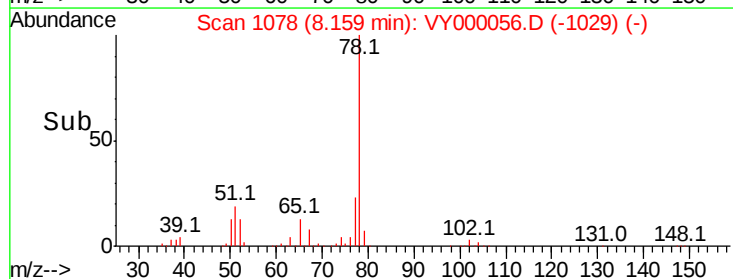
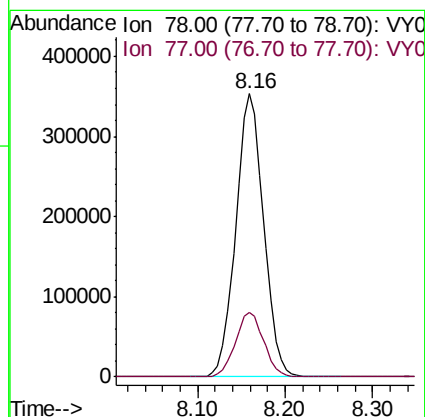
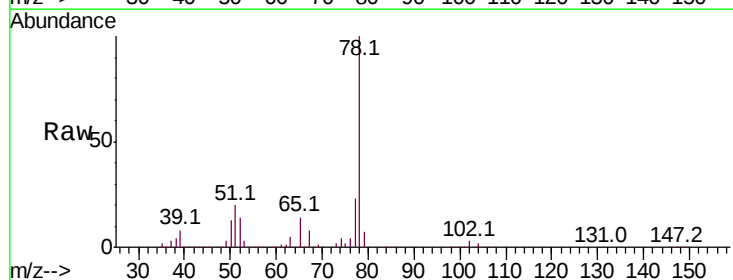
Instrument :
MSVOA_Y
ClientSampleId :

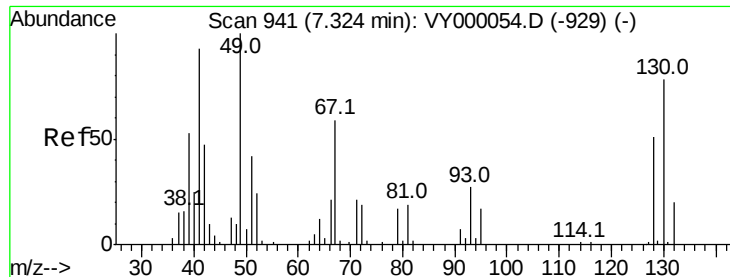
Tot Ion	Ratio	Lower	Upper
83	100		
55	65.8	51.0	76.6
98	50.4	38.5	57.7



#40
Benzene
Concen: 134.975 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	16.8	25.2

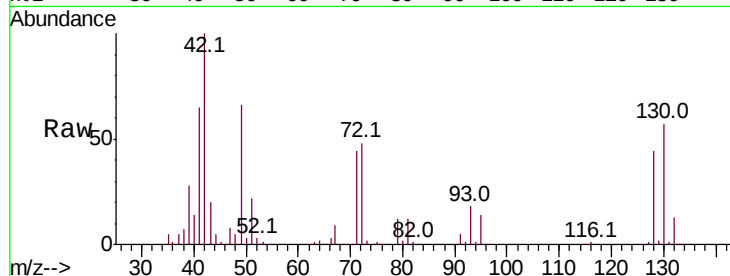




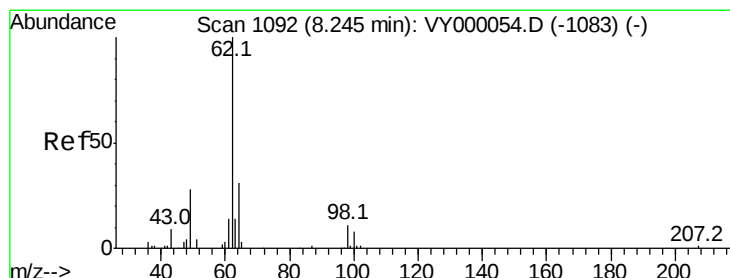
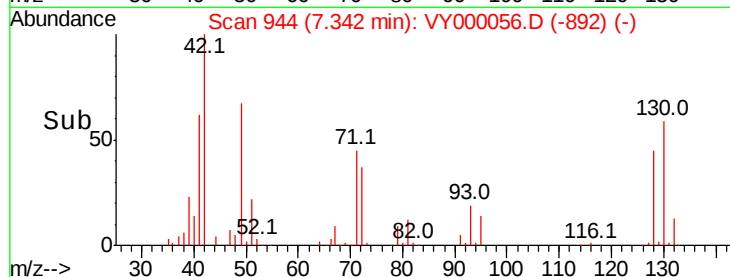
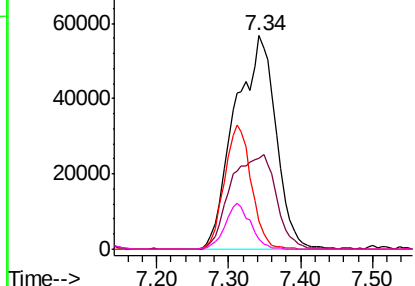
#41
Methacrylonitrile
Concen: 359.735 ug/l
RT: 7.34 min Scan# 944
Delta R.T. 0.02 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 225679
Ion Ratio Lower Upper
41 100
39 48.7 91.8 137.6#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

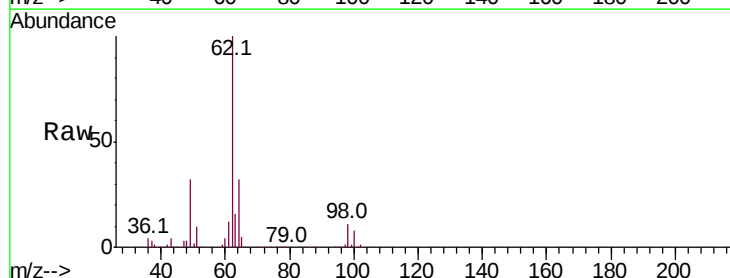


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

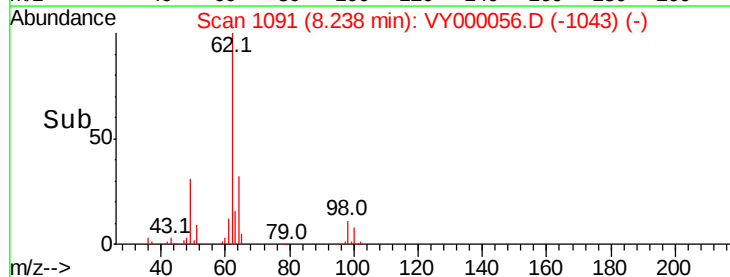
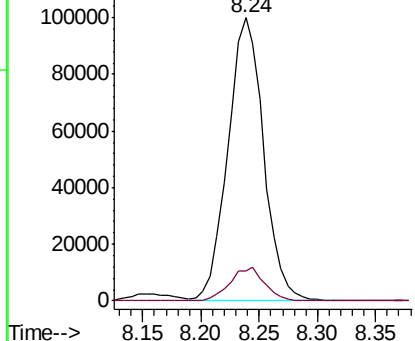


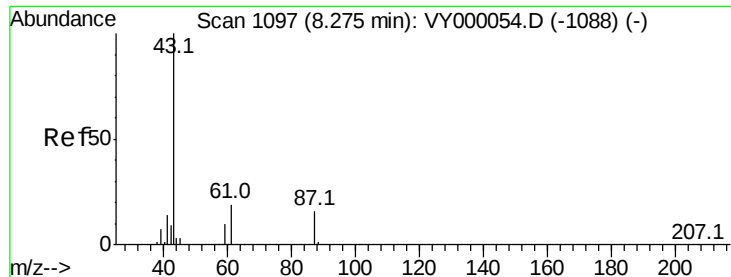
#42
1,2-Dichloroethane
Concen: 143.372 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Tgt Ion: 62 Resp: 213117
Ion Ratio Lower Upper
62 100
98 11.5 0.0 23.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



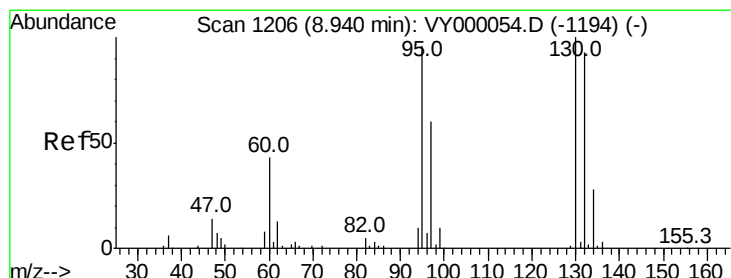
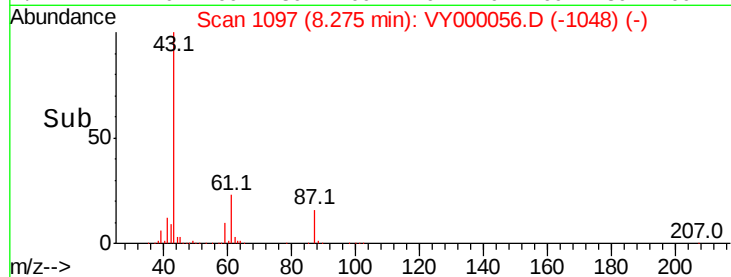
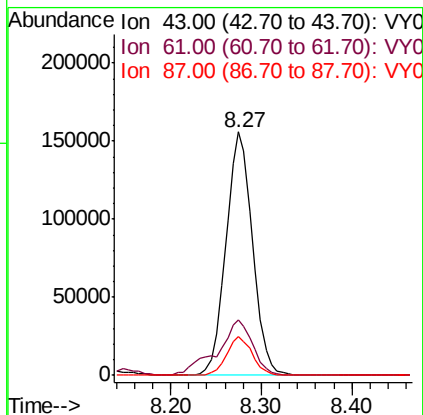
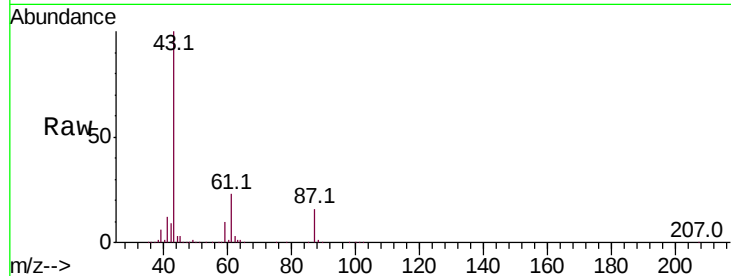


#43

Isopropyl Acetate
 Concen: 143.001 ug/l
 RT: 8.27 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :

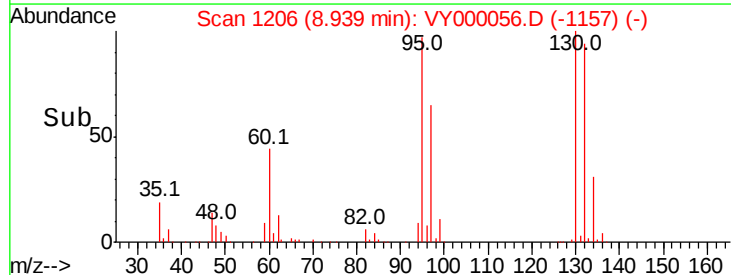
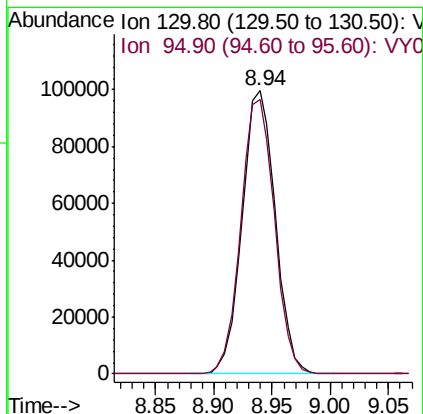
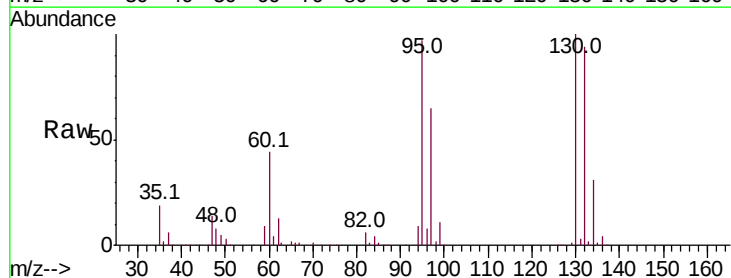
Tot Ion	43	Resp	319052
Ion Ratio	100		
Lower	25.0		
Upper	37.6		
61	30.1		
87	15.4		
Lower	12.4		
Upper	18.6		

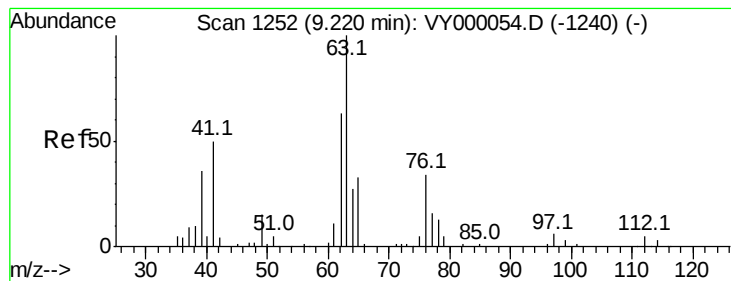


#44

Trichloroethene
 Concen: 135.148 ug/l
 RT: 8.94 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

Tgt Ion	130	Resp	198086
Ion Ratio	100		
Lower	0.0		
Upper	192.0		
95	97.0		





#45

1,2-Dichloropropane

Concen: 135.511 ug/l

RT: 9.21 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

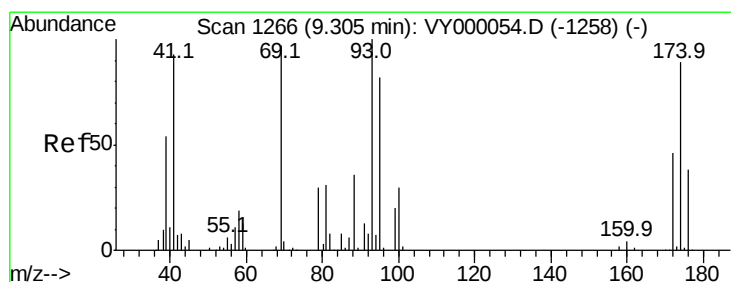
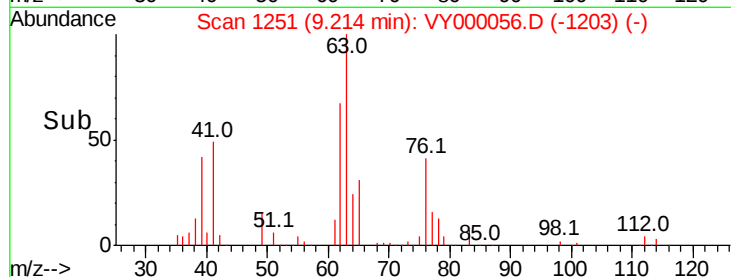
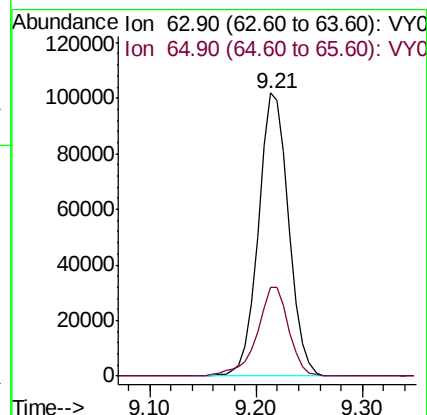
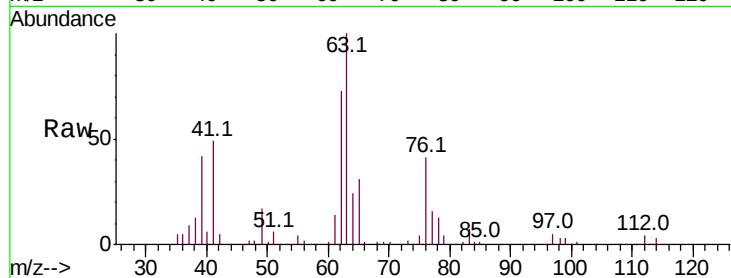
ClientSampled :

Tot Ion: 63 Resp: 202488

Ion Ratio Lower Upper

63 100

65 31.3 26.2 39.4



#46

Dibromomethane

Concen: 138.625 ug/l

RT: 9.31 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

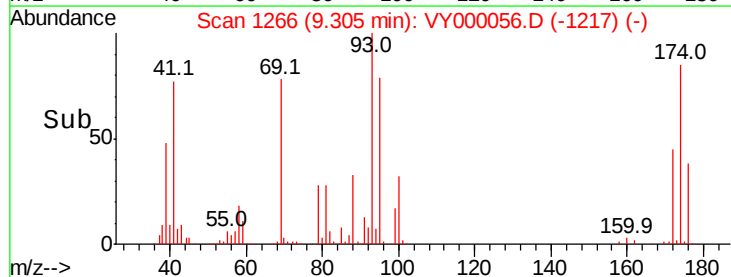
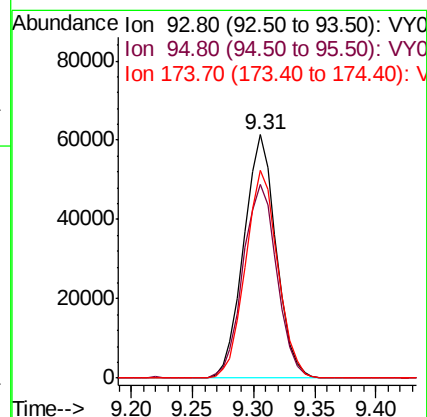
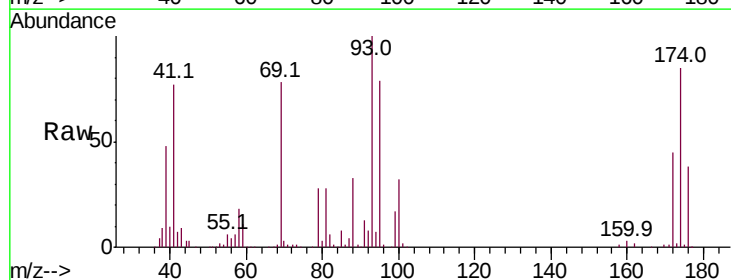
Tgt Ion: 93 Resp: 112282

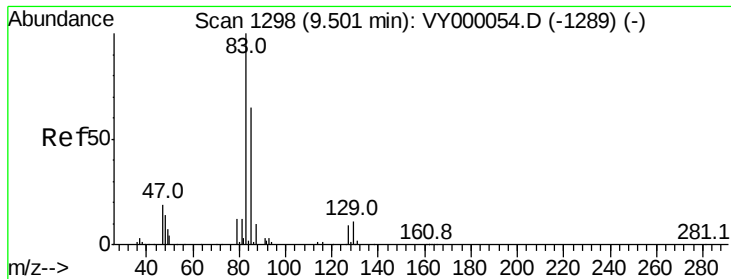
Ion Ratio Lower Upper

93 100

95 83.4 68.1 102.1

174 85.7 67.8 101.6





#47

Bromodichloromethane

Concen: 137.091 ug/l

RT: 9.49 min Scan# 1297

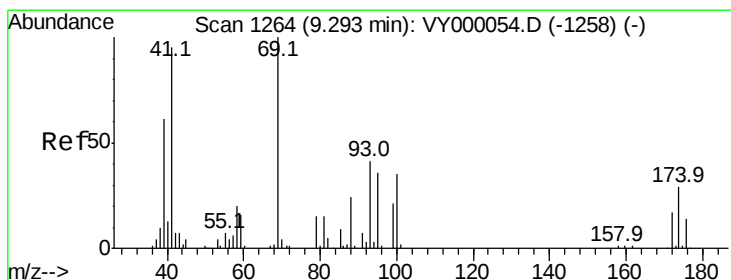
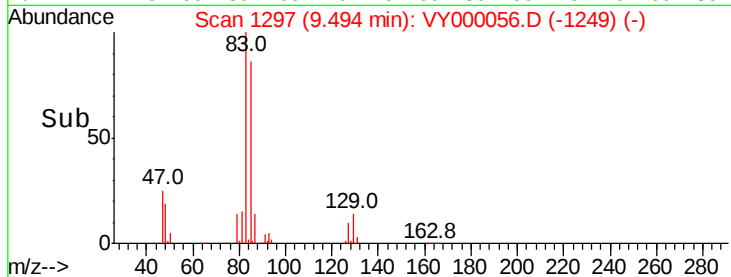
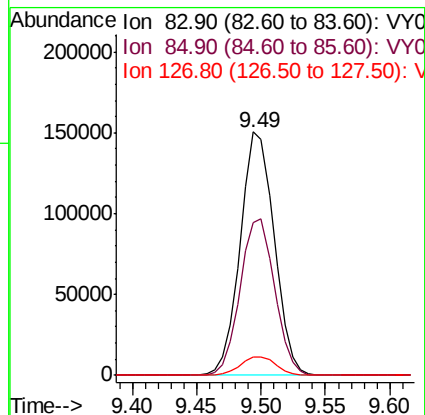
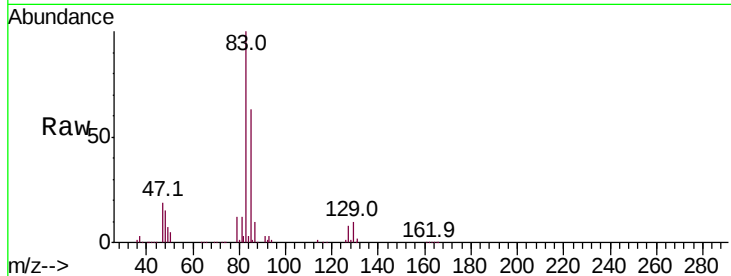
Delta R.T. -0.01 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	83	Resp:	275346
Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.3	78.5
127	7.7	6.8	10.2



#48

Methyl methacrylate

Concen: 141.483 ug/l

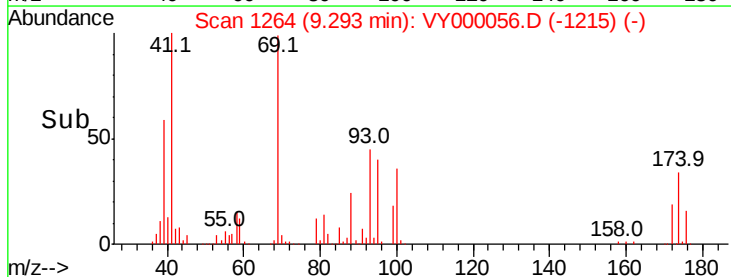
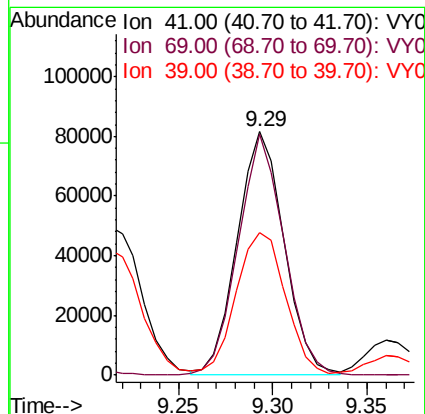
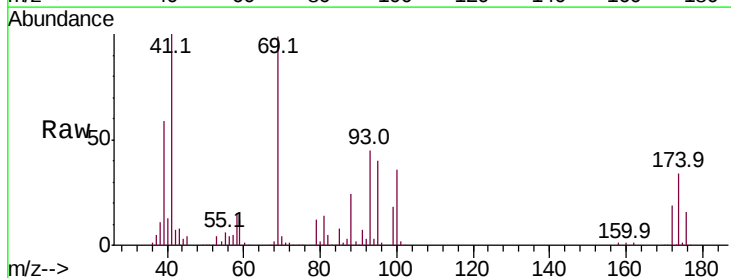
RT: 9.29 min Scan# 1264

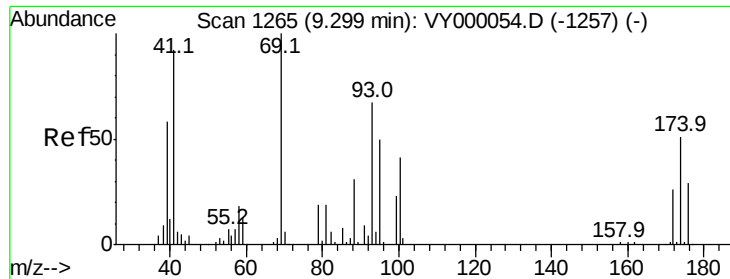
Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Tgt Ion:	41	Resp:	140719
Ion	Ratio	Lower	Upper
41	100		
69	97.0	78.1	117.1
39	61.9	49.4	74.0





#49

1,4-Dioxane

Concen: 2760.576 ug/l

RT: 9.30 min Scan# 1265

Delta R.T. -0.00 min

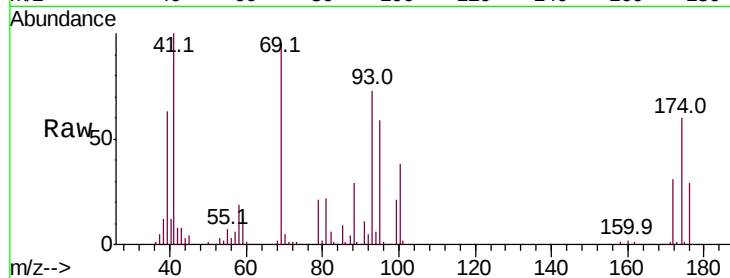
Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

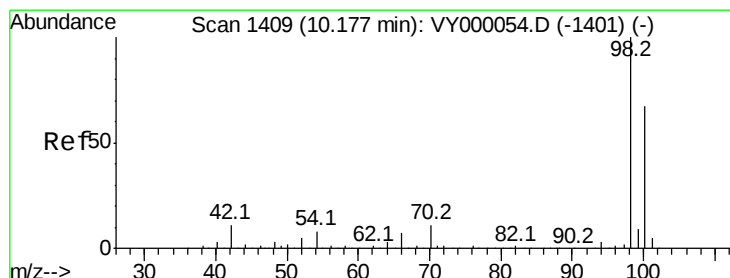
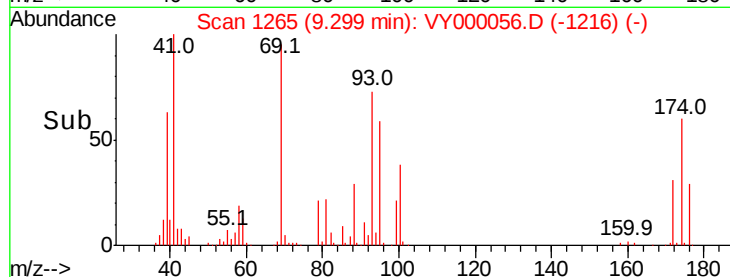
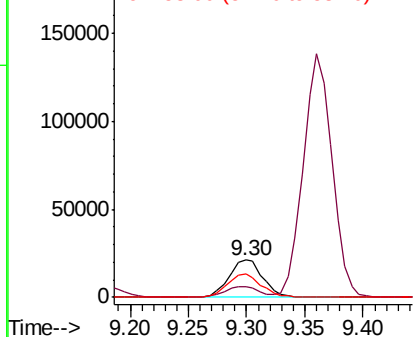
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 42598

Ion	Ratio	Lower	Upper
88	100		
43	29.8	18.7	28.1#
58	63.5	53.0	79.6



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



#50

Toluene-d8

Concen: 139.449 ug/l

RT: 10.18 min Scan# 1409

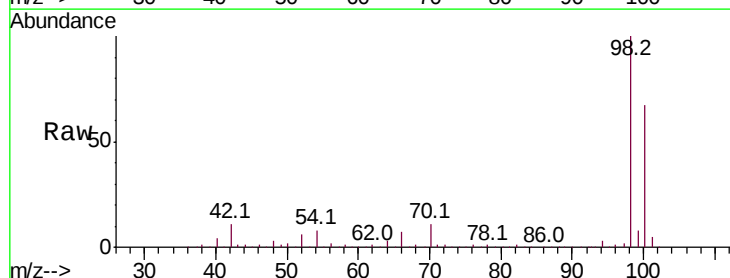
Delta R.T. -0.00 min

Lab File: VY000056.D

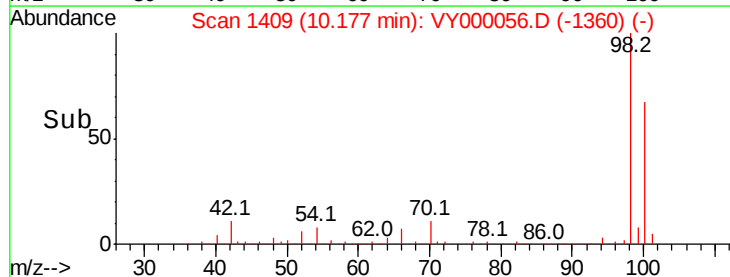
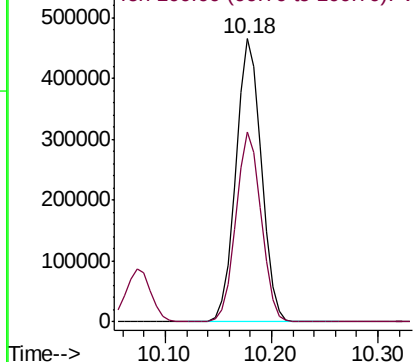
Acq: 17 Sep 2019 12:53

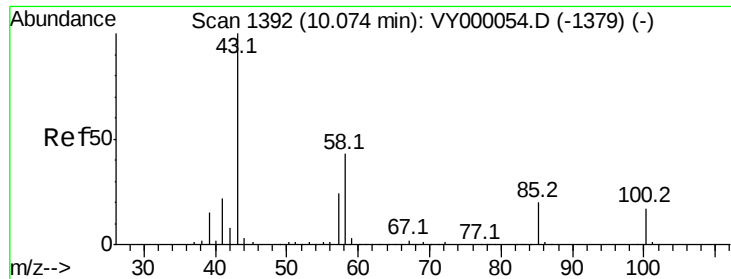
Tgt Ion: 98 Resp: 783068

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.1	79.7



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





#51

4-Methyl-2-Pentanone

Concen: 697.537 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

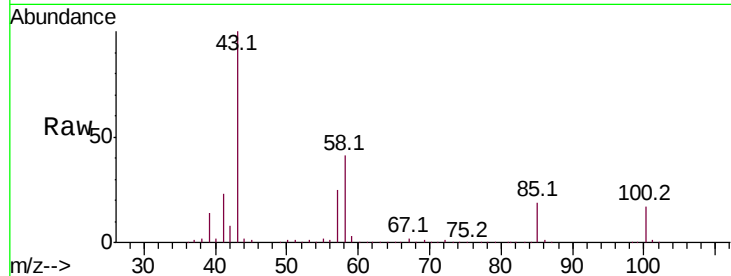
ClientSampled :

Tot Ion: 43 Resp: 853960

Ion Ratio Lower Upper

43 100

58 41.7 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VY000054.D (-1379) (-)

Ion 58.00 (57.70 to 58.70): VY000054.D (-1379) (-)

10.07

500000

400000

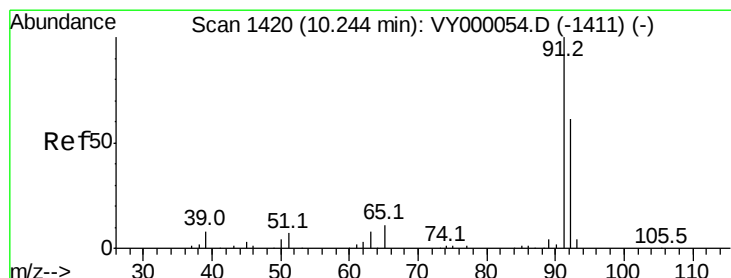
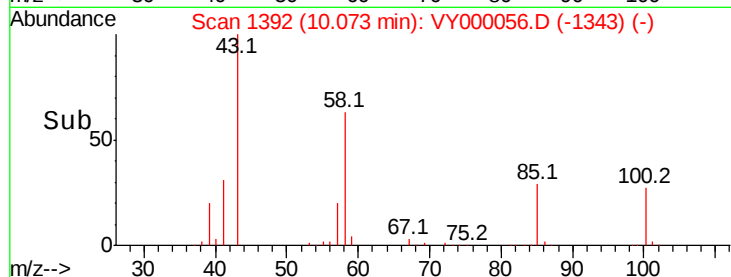
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 137.967 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VY000056.D

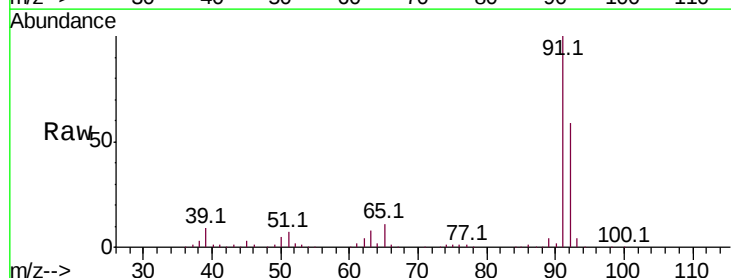
Acq: 17 Sep 2019 12:53

Tgt Ion: 92 Resp: 499790

Ion Ratio Lower Upper

92 100

91 170.8 135.8 203.6



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

Ion 91.00 (90.70 to 91.70): VY000054.D (-1411) (-)

10.24

500000

400000

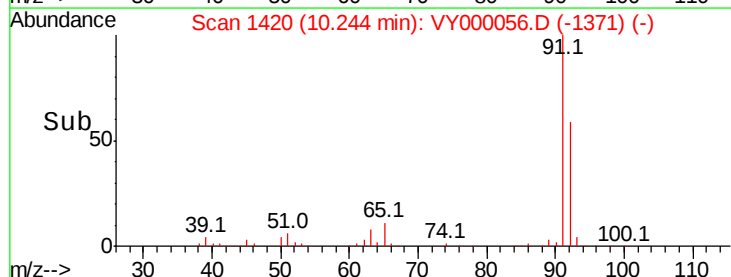
300000

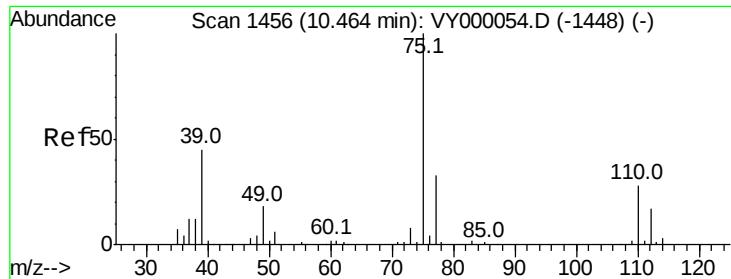
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 141.523 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

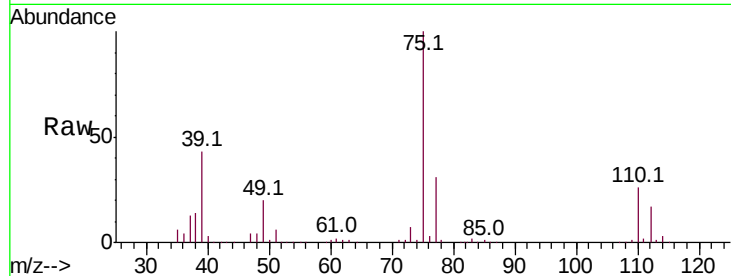
ClientSampleId :

Tot Ion: 75 Resp: 294874

Ion Ratio Lower Upper

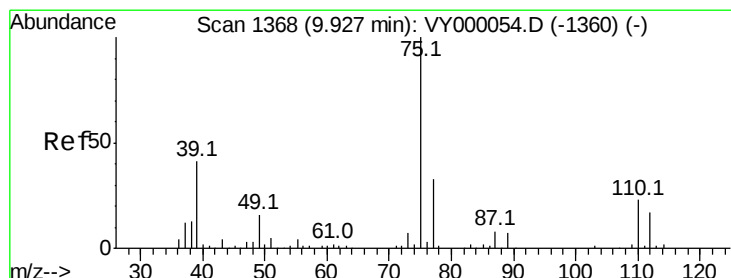
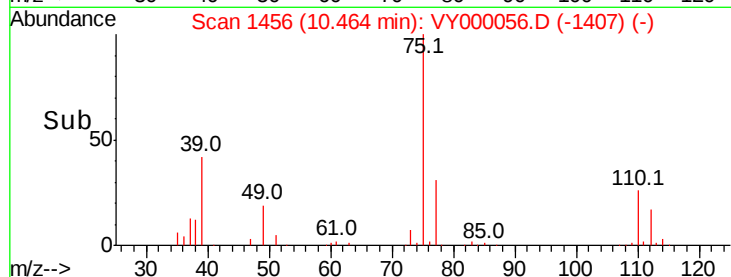
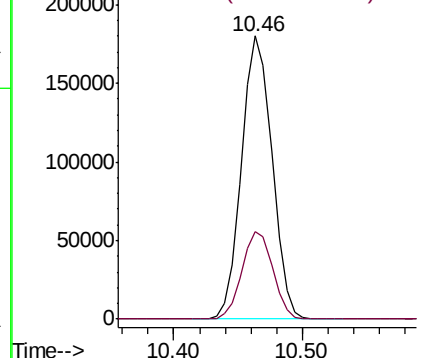
75 100

77 30.8 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 141.709 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

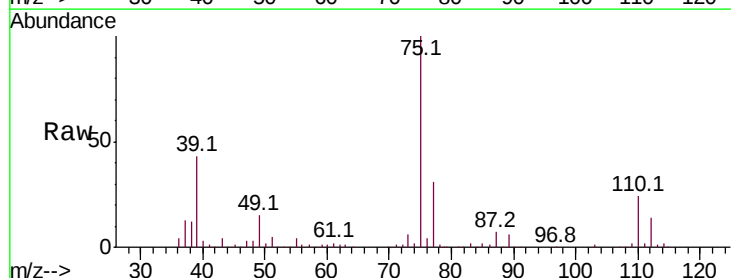
Tgt Ion: 75 Resp: 338535

Ion Ratio Lower Upper

75 100

77 31.4 26.1 39.1

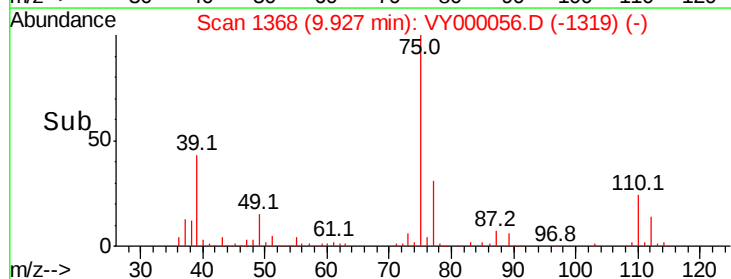
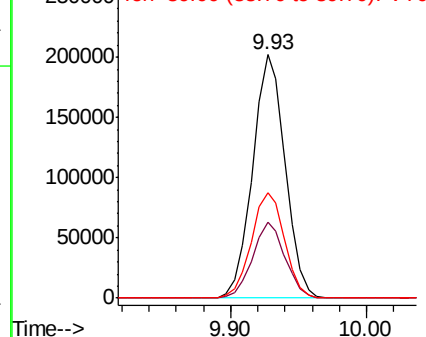
39 43.3 33.1 49.7

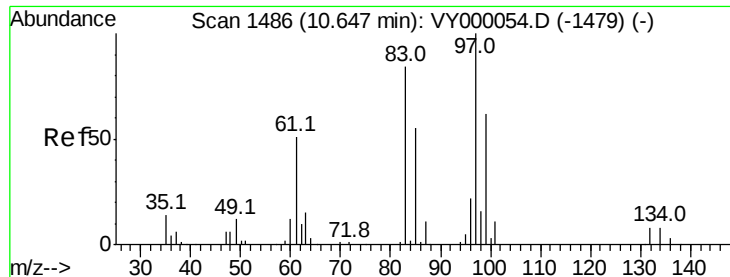


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

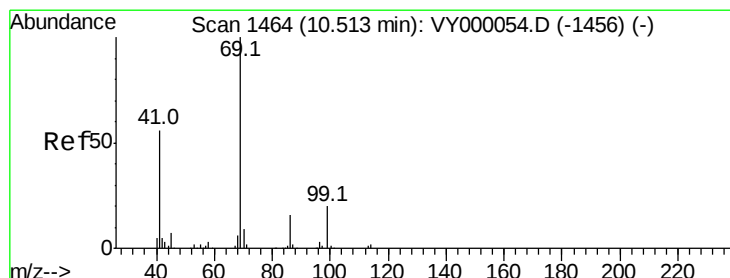
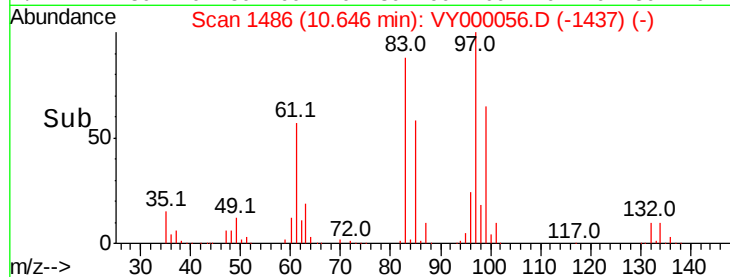
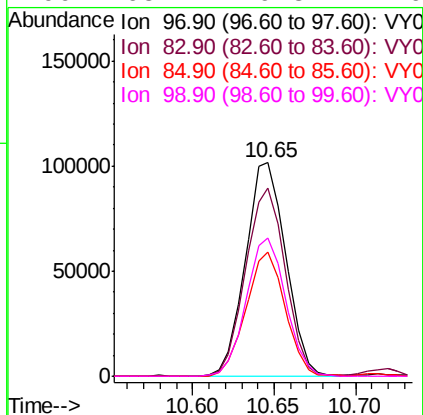
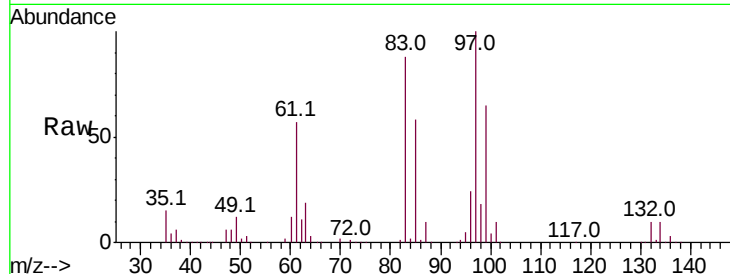




#55
 1,1,2-Trichloroethane
 Concen: 137.799 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

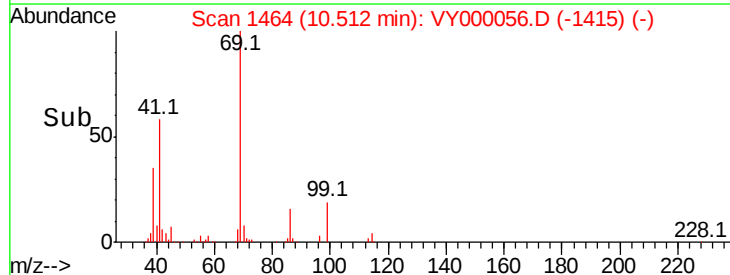
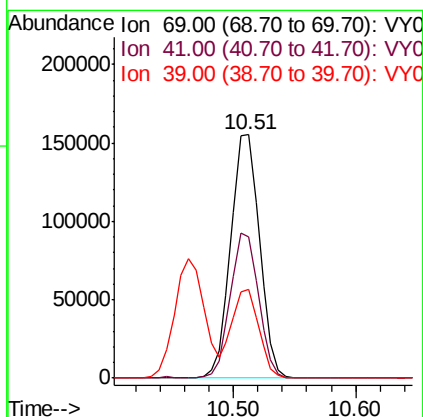
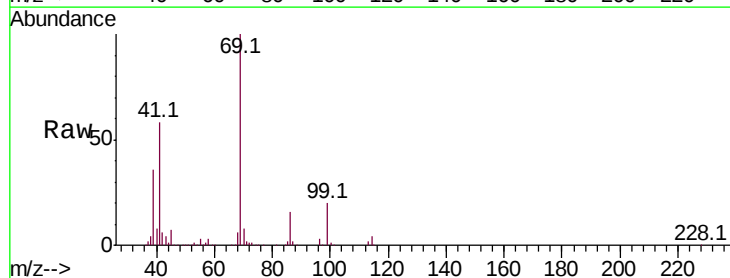
Instrument :
 MSVOA_Y
 ClientSampleId :

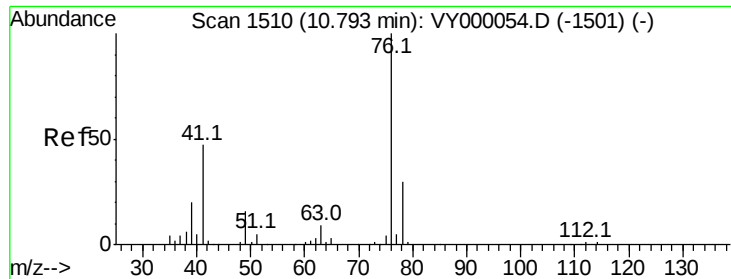
Tot Ion:	97	Resp:	173816
Ion	Ratio	Lower	Upper
97	100		
83	88.3	67.3	100.9
85	58.1	43.6	65.4
99	65.1	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 143.811 ug/l
 RT: 10.51 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

Tgt Ion:	69	Resp:	253441
Ion	Ratio	Lower	Upper
69	100		
41	58.1	45.6	68.4
39	34.5	27.3	40.9





#57

1,3-Dichloropropane

Concen: 138.017 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

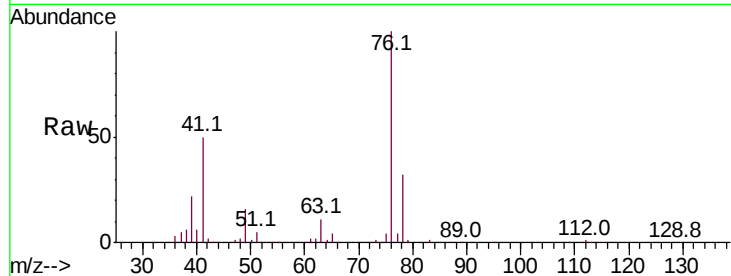
ClientSampleId :

Tot Ion: 76 Resp: 295391

Ion Ratio Lower Upper

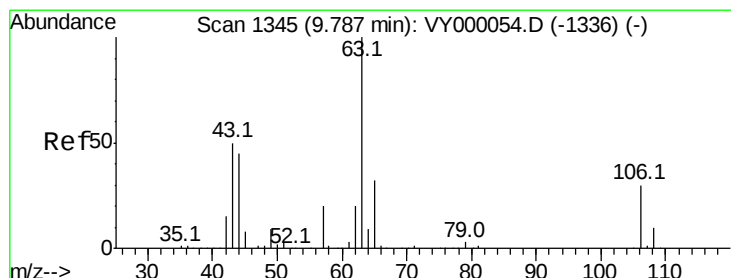
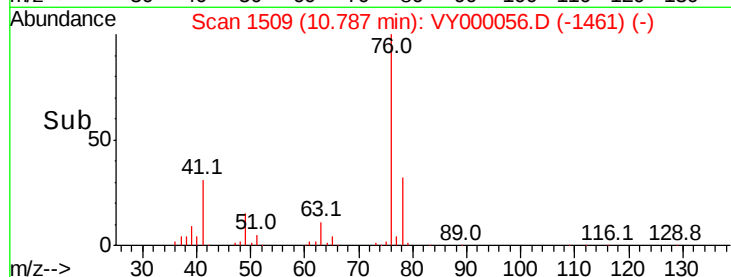
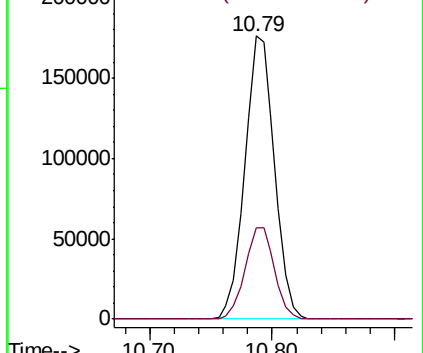
76 100

78 32.4 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 733.828 ug/l

RT: 9.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000056.D

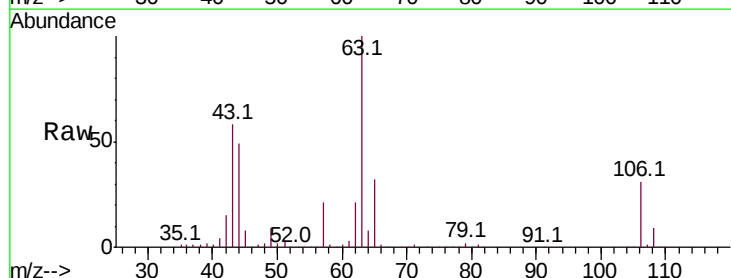
Acq: 17 Sep 2019 12:53

Tgt Ion: 63 Resp: 709579

Ion Ratio Lower Upper

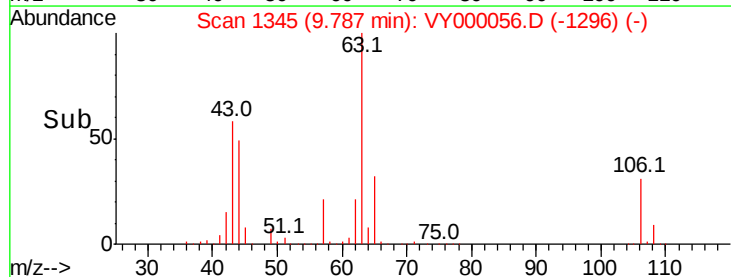
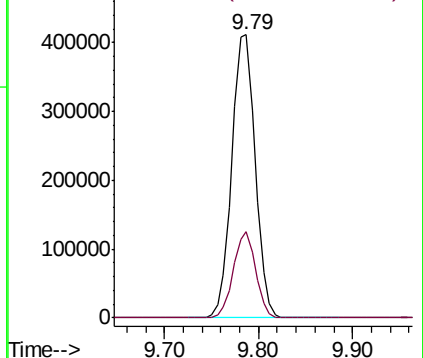
63 100

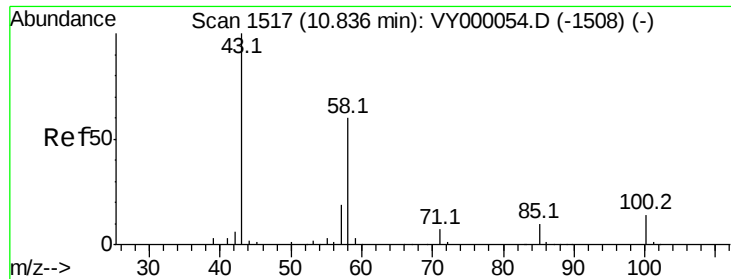
106 29.1 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

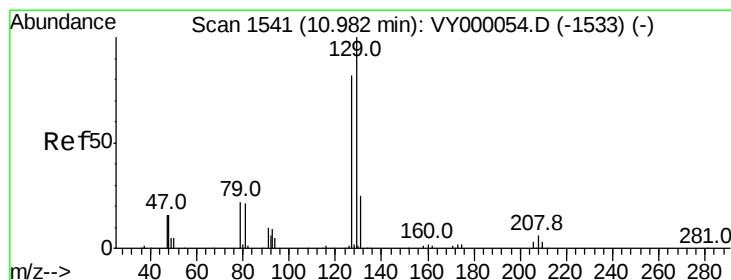
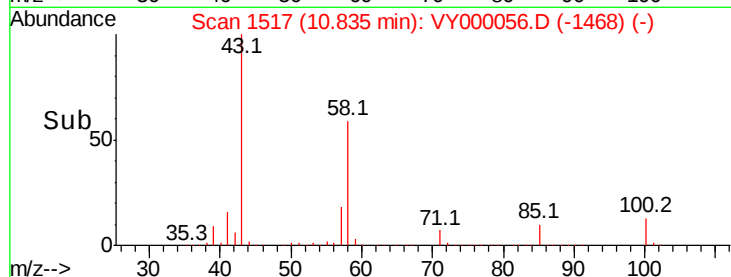
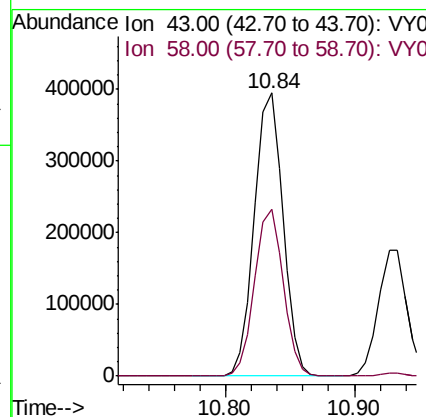
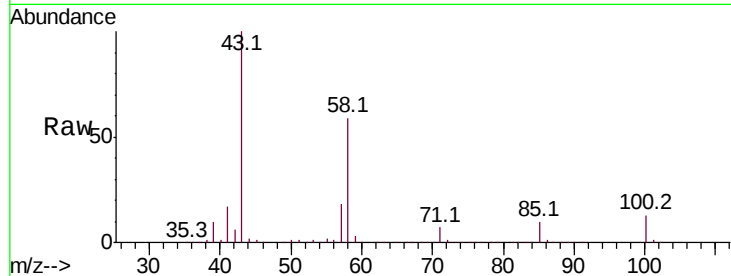




#59
2-Hexanone
Concen: 687.229 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

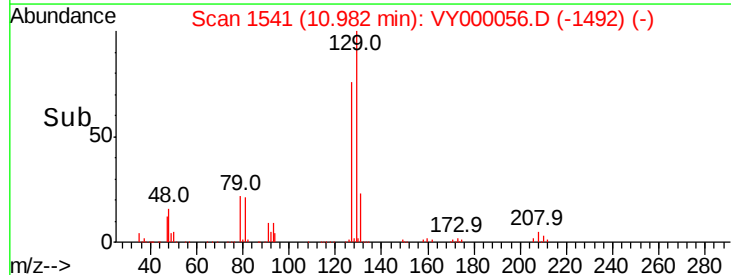
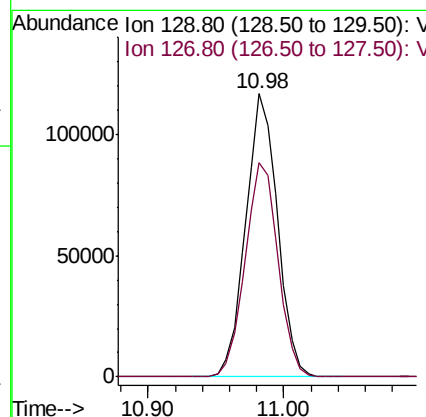
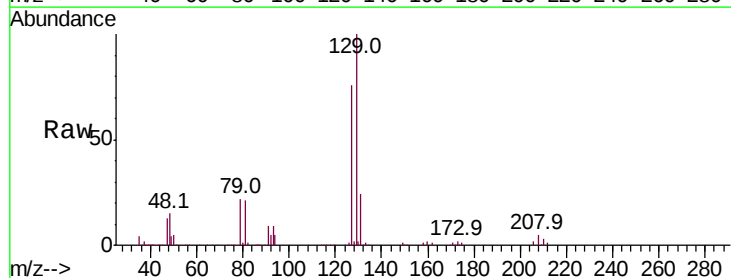
Instrument :
MSVOA_Y
ClientSampleId :

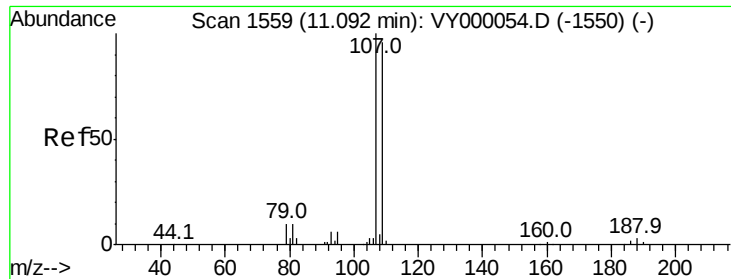
Tot Ion: 43 Resp: 607420
Ion Ratio Lower Upper
43 100
58 58.6 29.9 89.7



#60
Dibromochloromethane
Concen: 143.819 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Tgt Ion: 129 Resp: 190745
Ion Ratio Lower Upper
129 100
127 78.2 40.2 120.6





#61

1,2-Dibromoethane

Concen: 137.375 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. -0.01 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

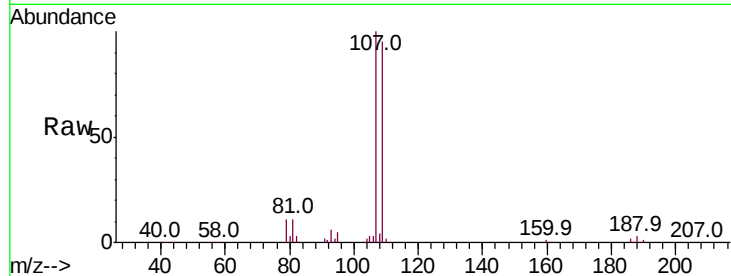
ClientSampled :

Tot Ion:107 Resp: 161812

Ion Ratio Lower Upper

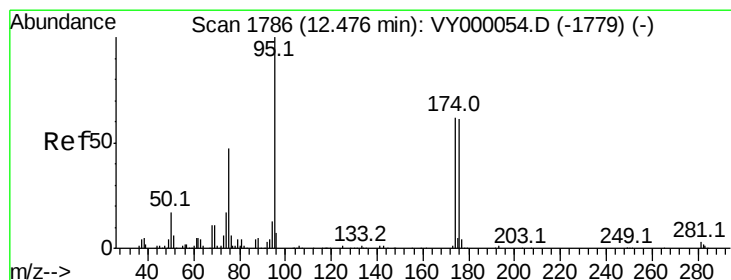
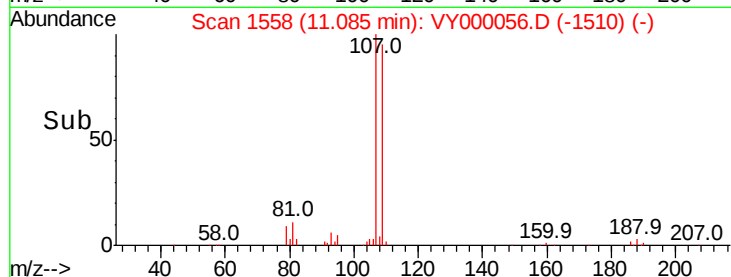
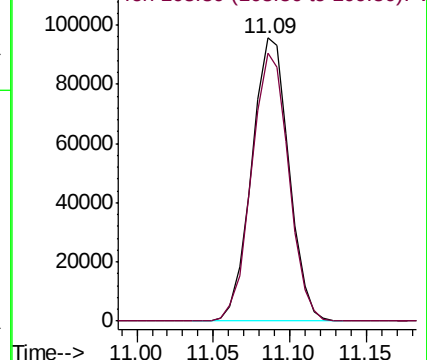
107 100

109 94.5 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: 124.415 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

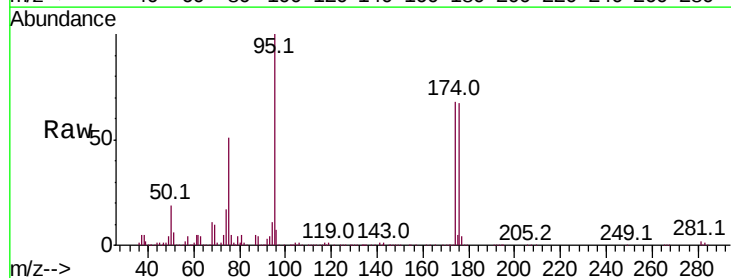
Tgt Ion: 95 Resp: 263693

Ion Ratio Lower Upper

95 100

174 71.1 0.0 137.2

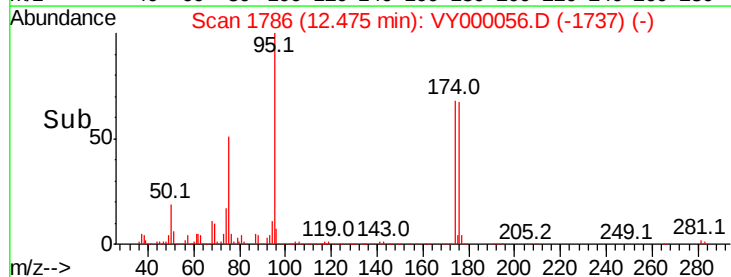
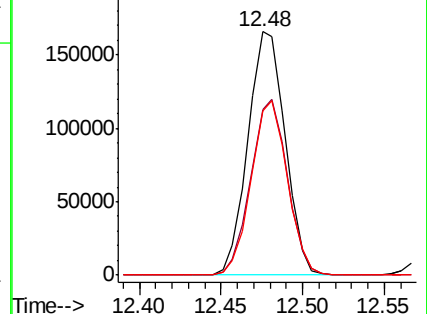
176 69.8 0.0 135.0

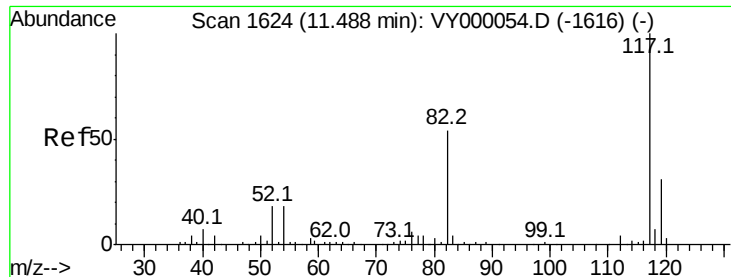


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

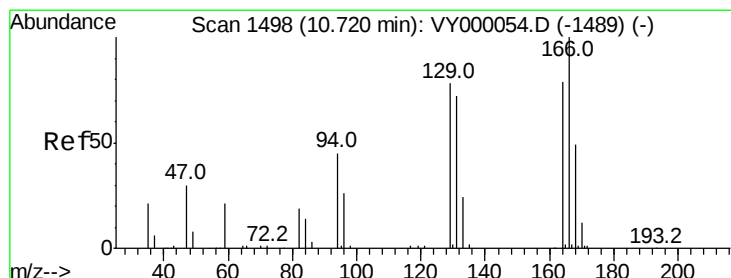
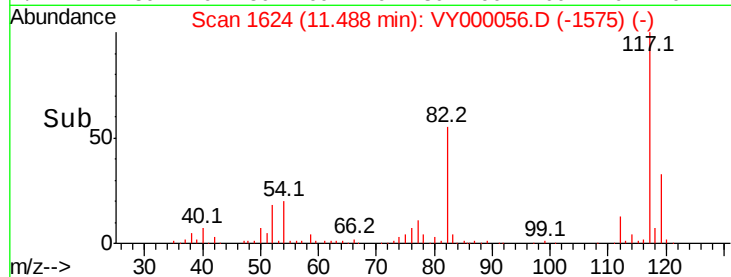
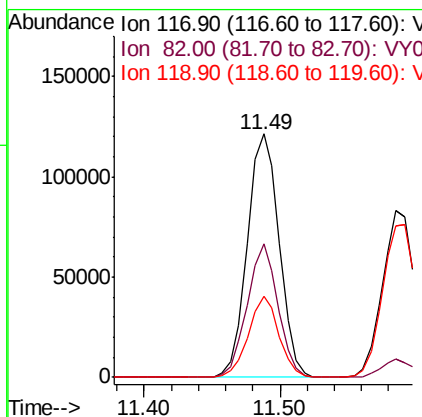
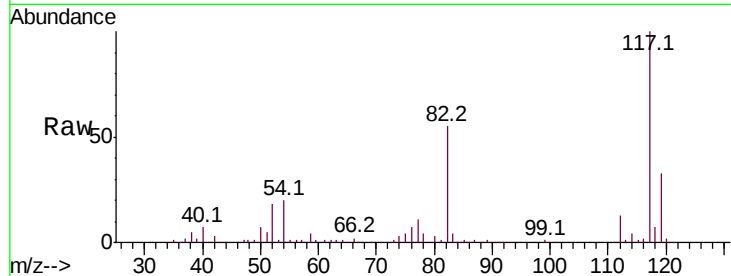




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

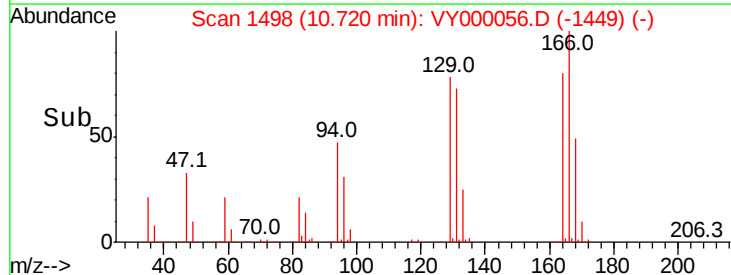
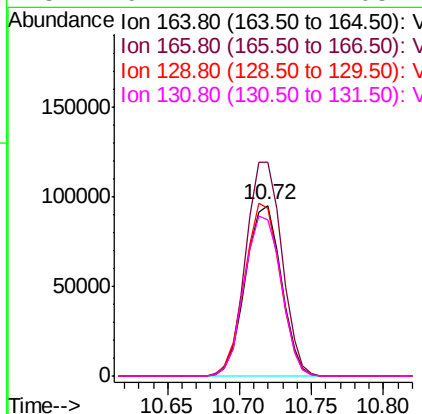
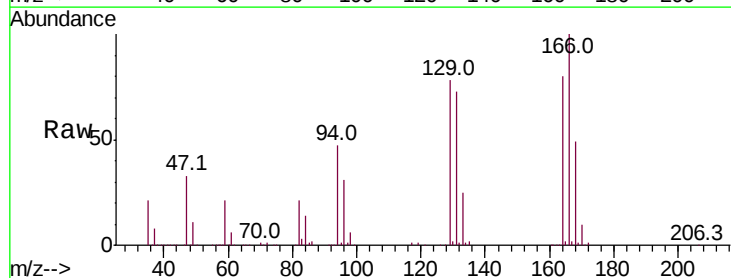
Instrument :
MSVOA_Y
ClientSampleId :

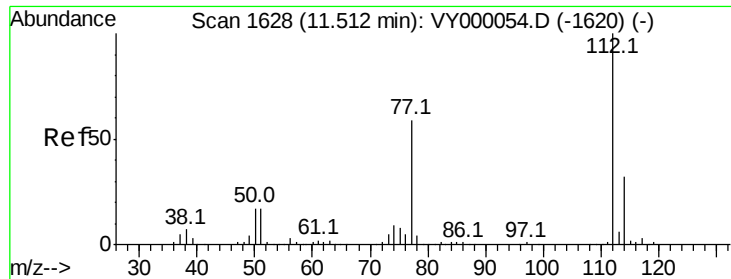
Tot Ion:117 Resp: 199162
Ion Ratio Lower Upper
117 100
82 55.0 43.5 65.3
119 33.4 24.6 36.8



#64
Tetrachloroethene
Concen: 126.834 ug/l
RT: 10.72 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Tgt Ion:164 Resp: 163840
Ion Ratio Lower Upper
164 100
166 125.3 100.9 151.3
129 98.4 78.4 117.6
131 91.7 72.2 108.2

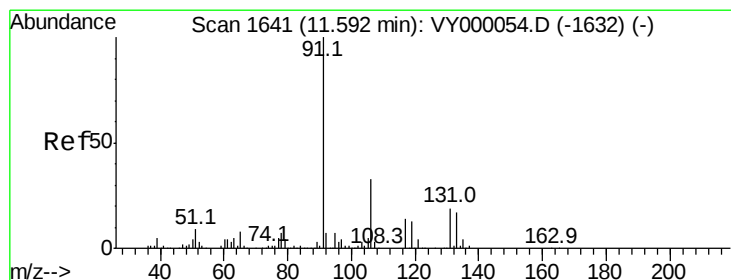
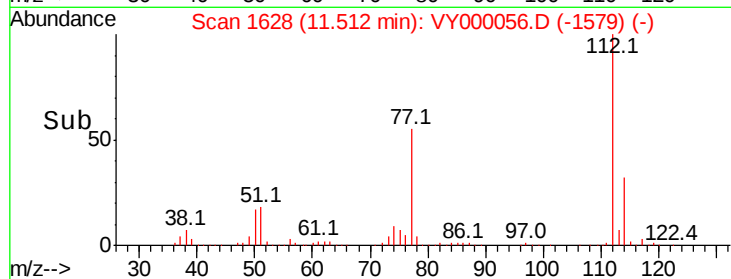
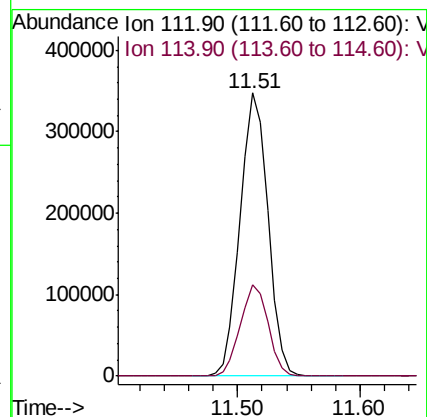
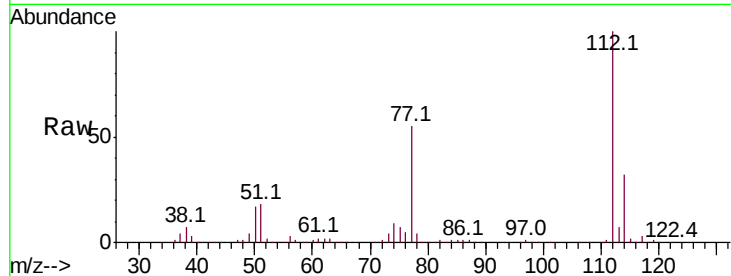




#65
Chlorobenzene
Concen: 136.908 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

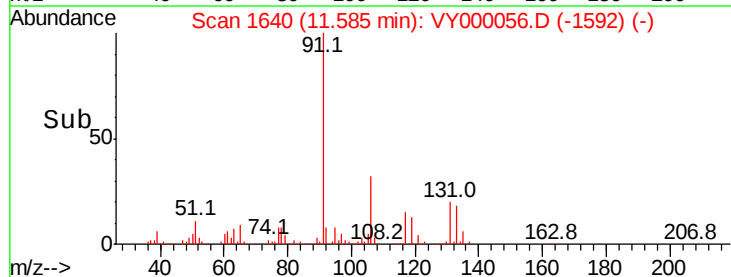
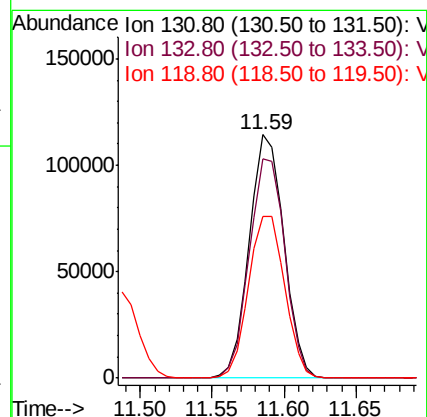
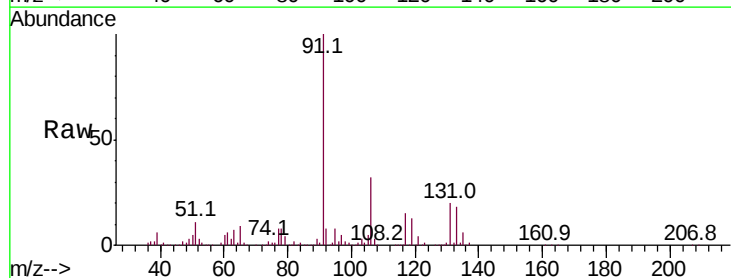
Instrument :
MSVOA_Y
ClientSampleId :

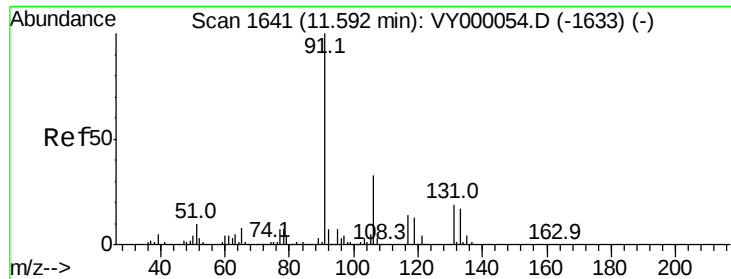
Tot Ion:112 Resp: 547941
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 141.631 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. -0.01 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Tgt Ion:131 Resp: 190513
Ion Ratio Lower Upper
131 100
133 92.5 46.6 139.8
119 69.4 36.2 108.6

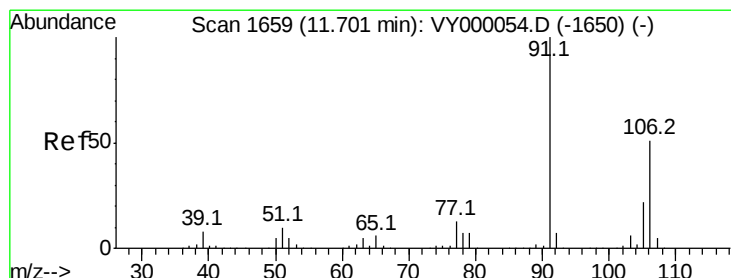
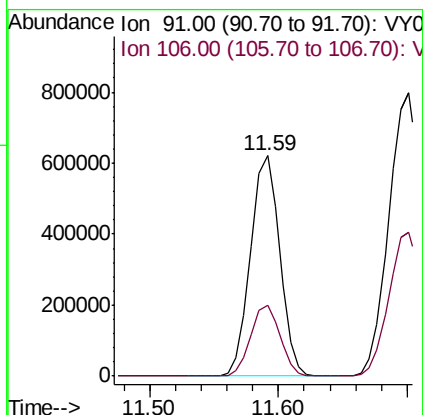
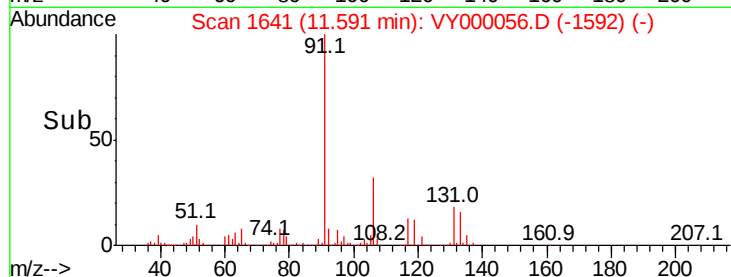
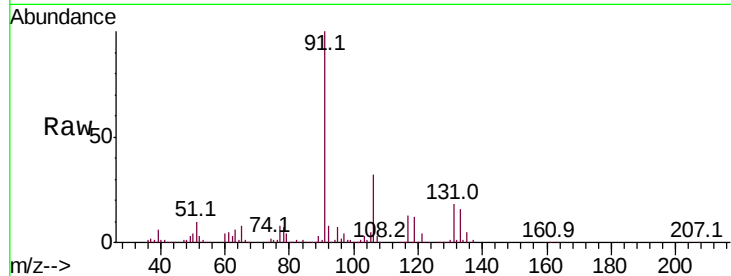




#67
Ethyl Benzene
Concen: 134.111 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

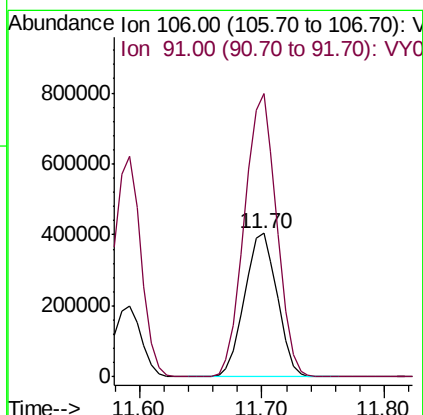
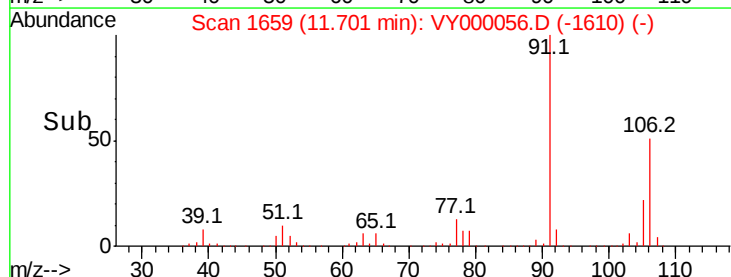
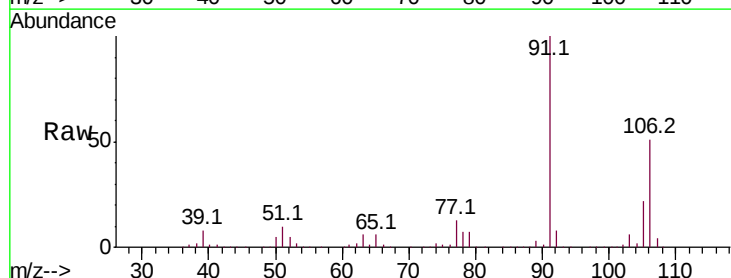
Instrument :
MSVOA_Y
ClientSampled :

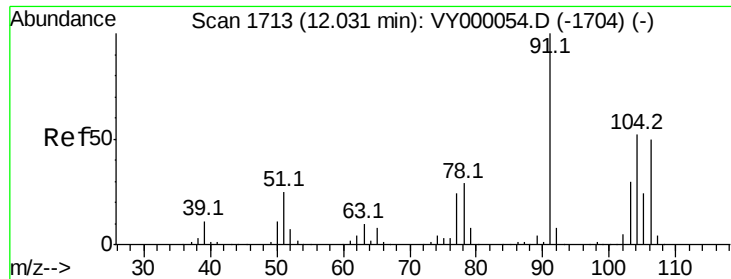
Tot Ion: 91 Resp: 971583
Ion Ratio Lower Upper
91 100
106 32.0 26.6 40.0



#68
m/p-Xylenes
Concen: 271.427 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Tgt Ion:106 Resp: 753404
Ion Ratio Lower Upper
106 100
91 193.7 154.5 231.7

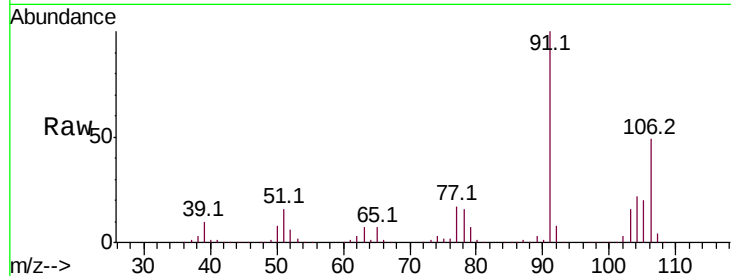




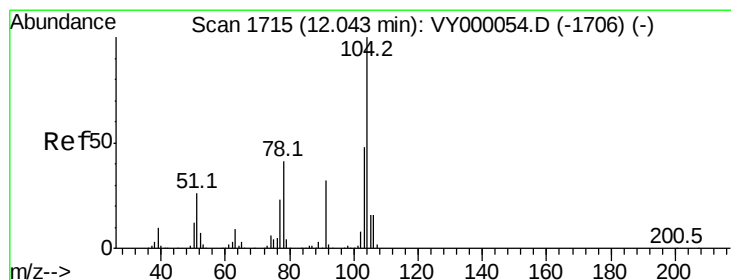
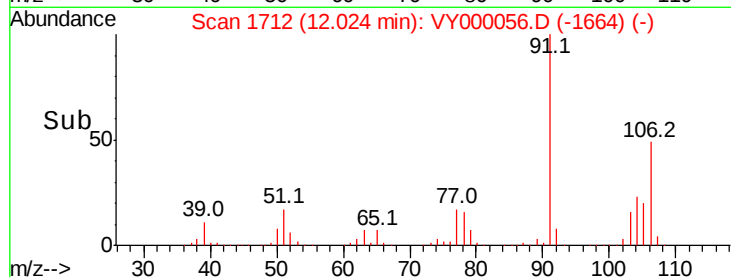
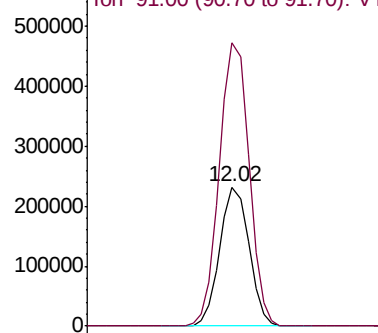
#69
o-Xylene
Concen: 138.156 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 364140
Ion Ratio Lower Upper
106 100
91 206.8 103.5 310.3

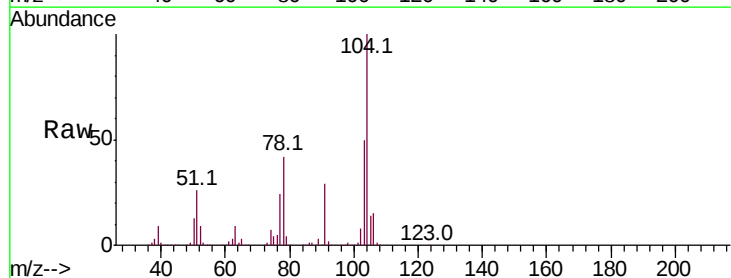


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

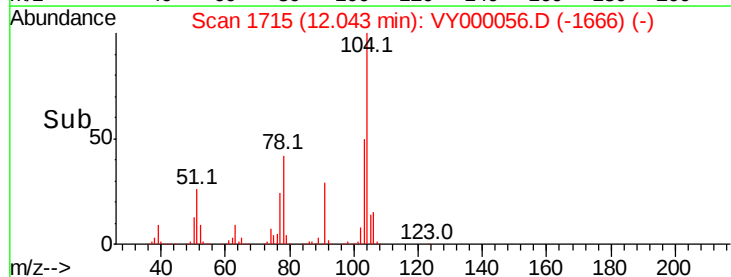
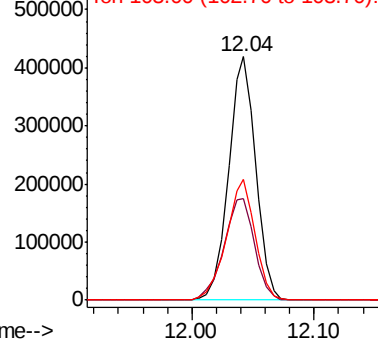


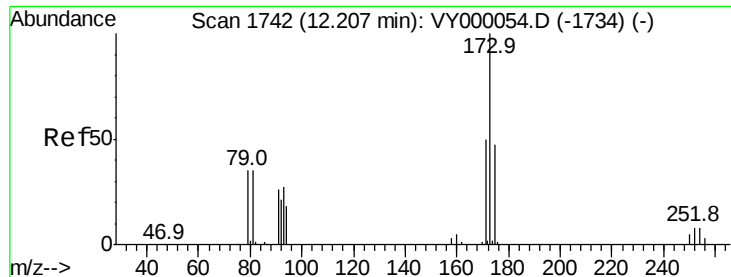
#70
Styrene
Concen: 139.327 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Tgt Ion:104 Resp: 645828
Ion Ratio Lower Upper
104 100
78 47.2 37.7 56.5
103 52.6 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: 148.000 ug/l

RT: 12.21 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

ClientSampleId :

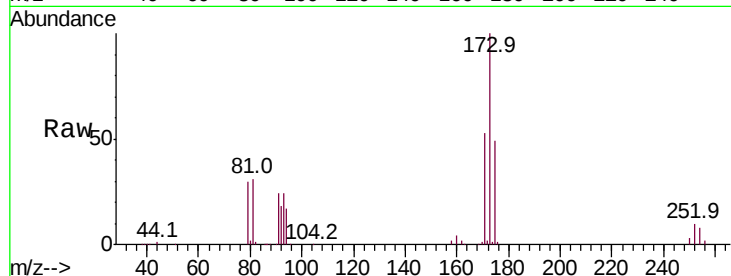
Tot Ion:173 Resp: 111834

Ion Ratio Lower Upper

173 100

175 48.5 23.6 71.0

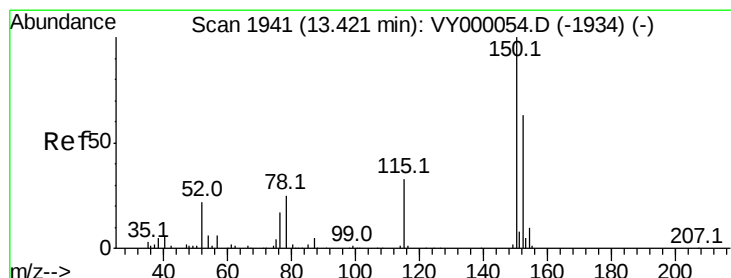
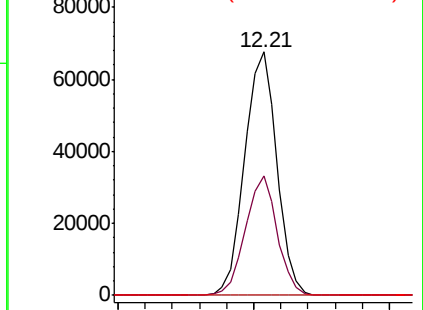
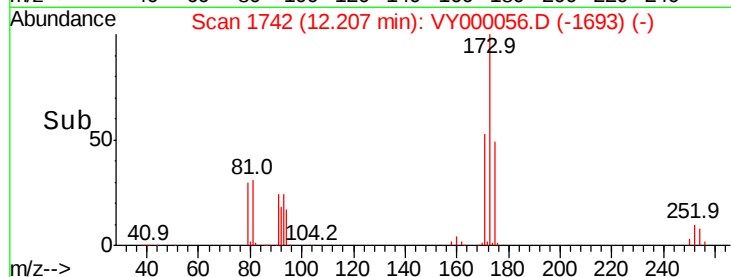
254 0.1 0.0 0.0#



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: VY000056.D

Acq: 17 Sep 2019 12:53

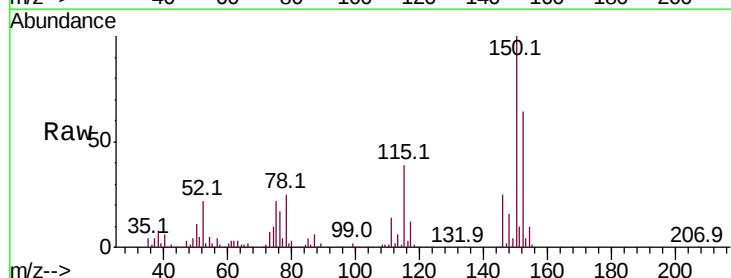
Tgt Ion:152 Resp: 85573

Ion Ratio Lower Upper

152 100

115 60.9 30.7 92.1

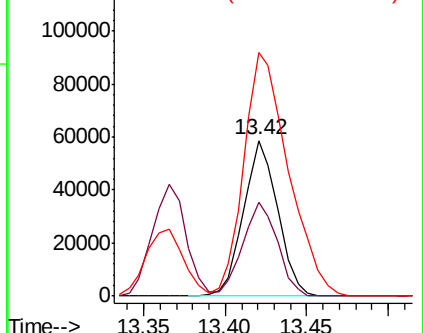
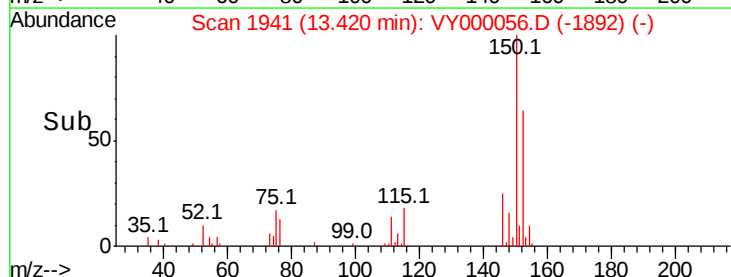
150 204.2 0.0 351.6

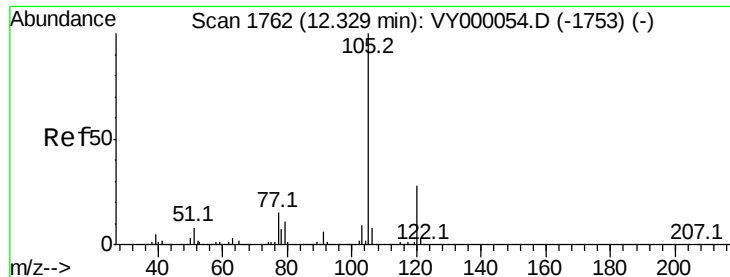


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 138.670 ug/l

RT: 12.33 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

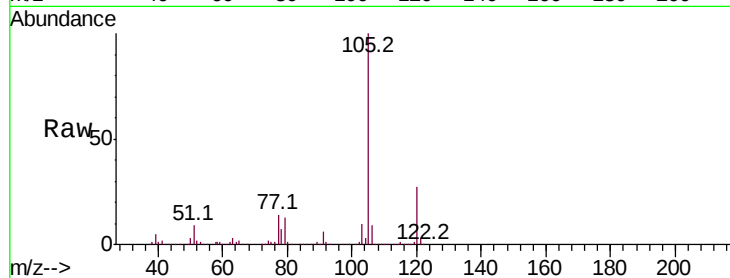
ClientSampleId :

Tot Ion:105 Resp: 966956

Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

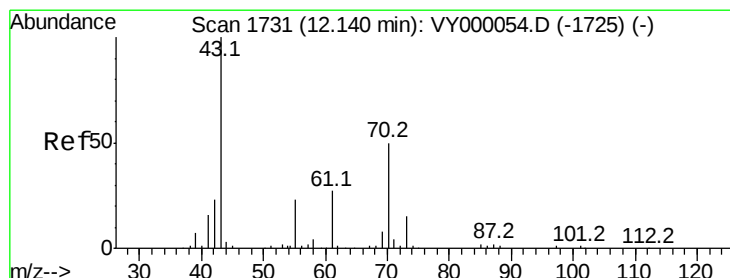
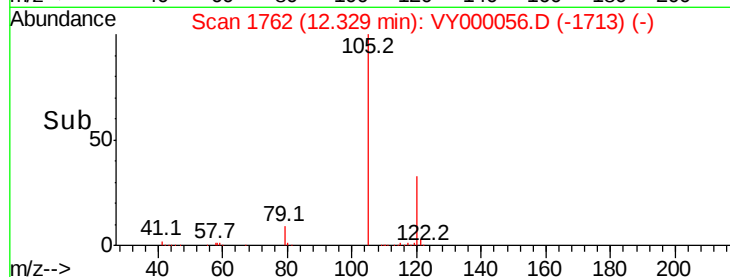
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 147.479 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Tgt Ion: 43 Resp: 288037

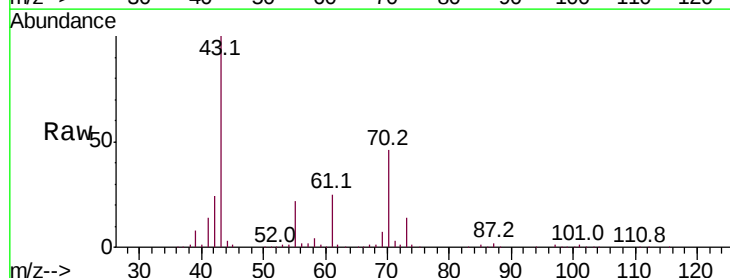
Ion Ratio Lower Upper

43 100

70 46.0 38.8 58.2

55 23.3 18.8 28.2

61 26.0 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

300000

250000

200000

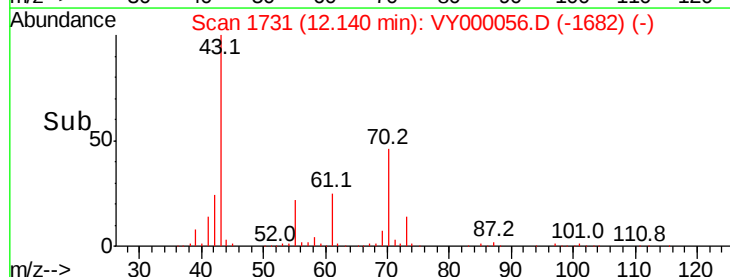
150000

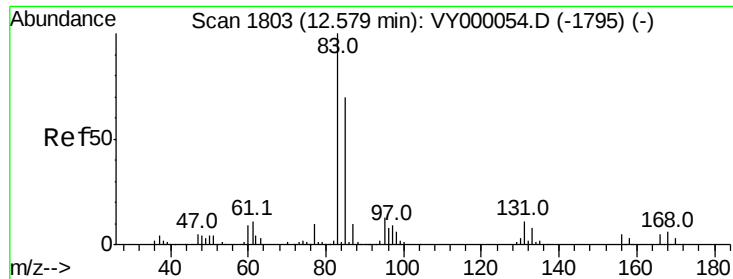
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 128.232 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

ClientSampleId :

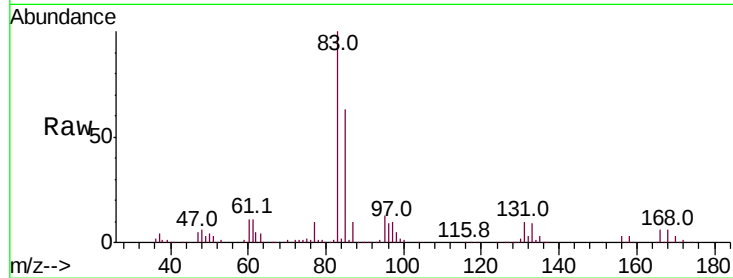
Tot Ion: 83 Resp: 216783

Ion Ratio Lower Upper

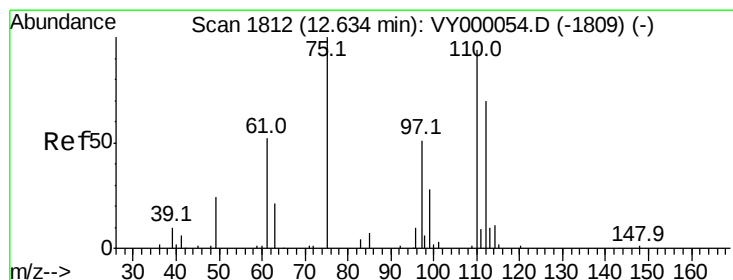
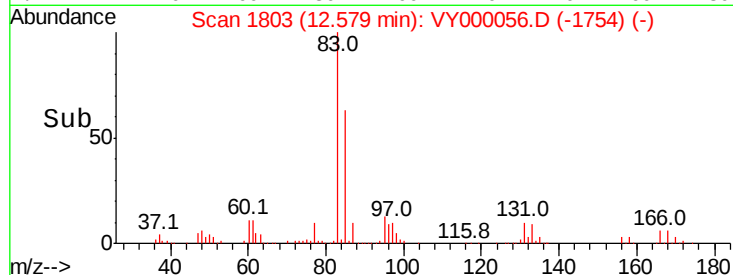
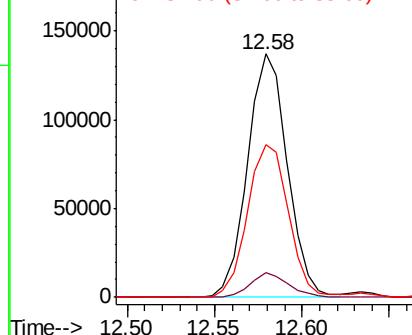
83 100

131 9.8 4.9 14.7

85 64.7 32.5 97.4



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



#76

1,2,3-Trichloropropane

Concen: 226.395 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VY000056.D

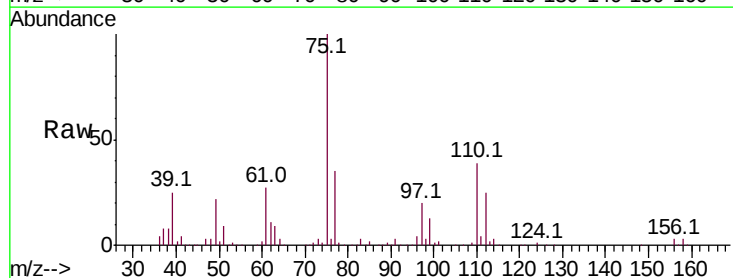
Acq: 17 Sep 2019 12:53

Tgt Ion: 75 Resp: 285889

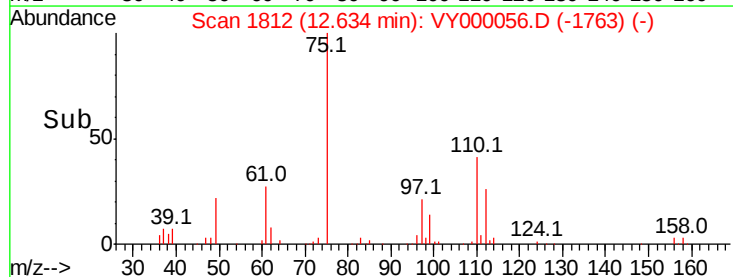
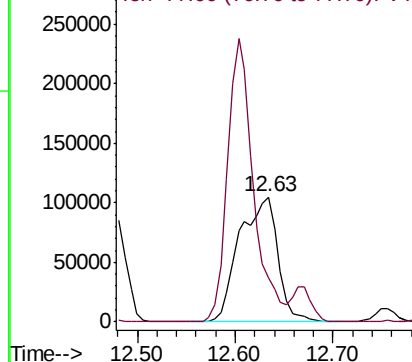
Ion Ratio Lower Upper

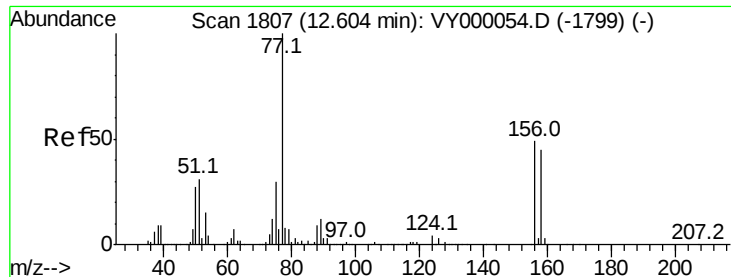
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 138.783 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

ClientSampleId :

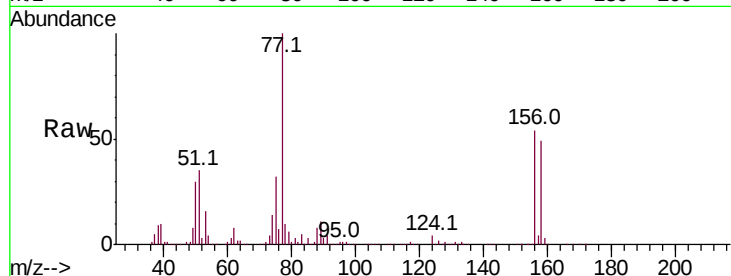
Tot Ion:156 Resp: 202719

Ion Ratio Lower Upper

156 100

77 215.6 109.7 329.0

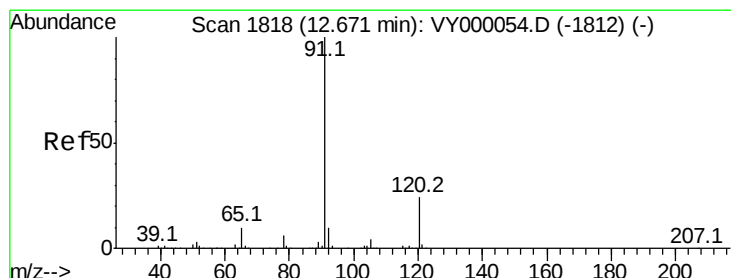
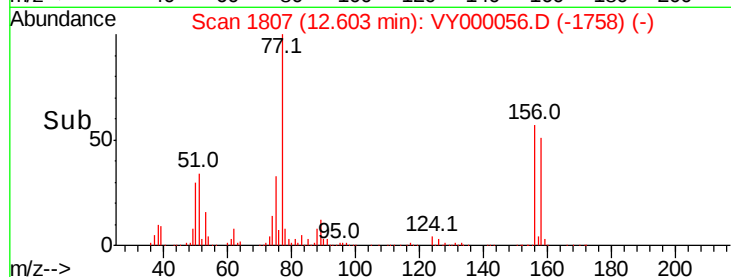
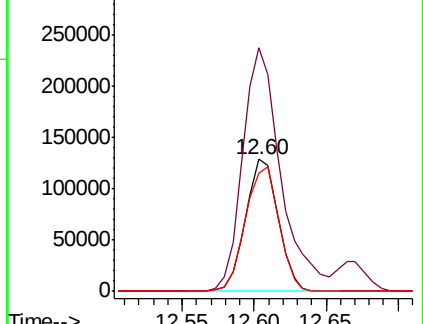
158 96.3 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 136.714 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY000056.D

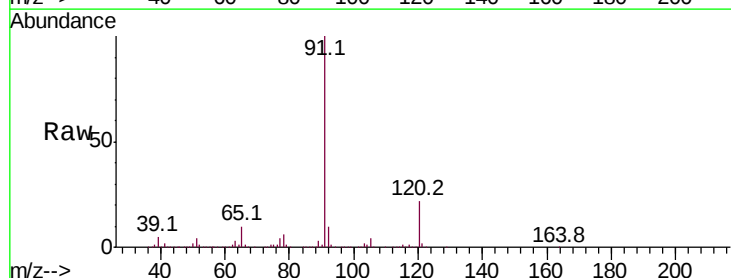
Acq: 17 Sep 2019 12:53

Tgt Ion: 91 Resp: 1179074

Ion Ratio Lower Upper

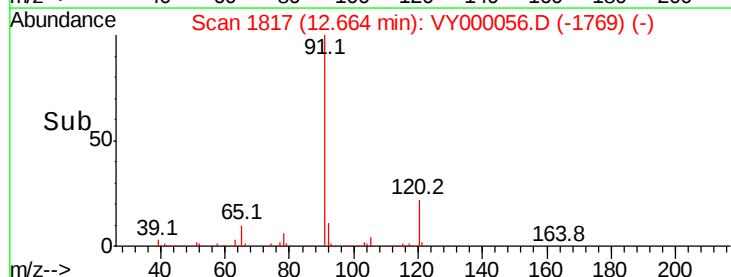
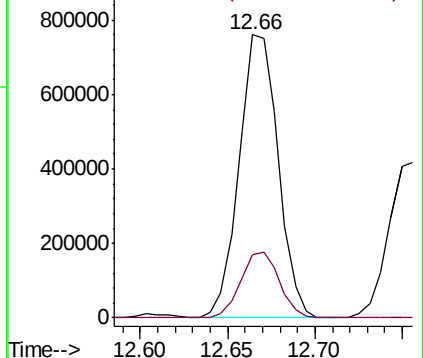
91 100

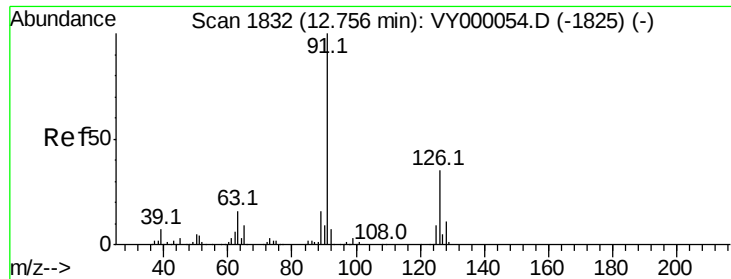
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 135.548 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

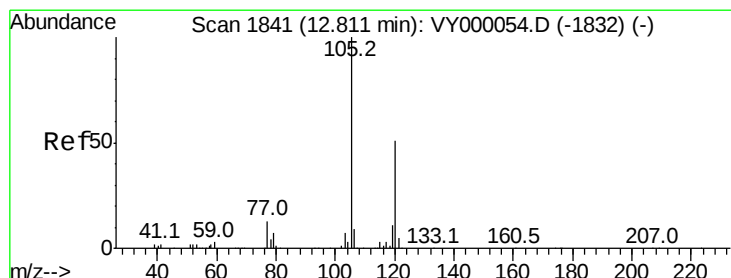
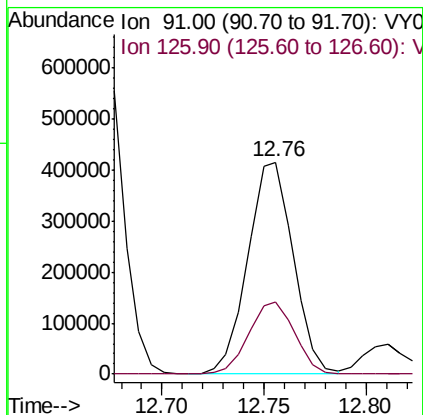
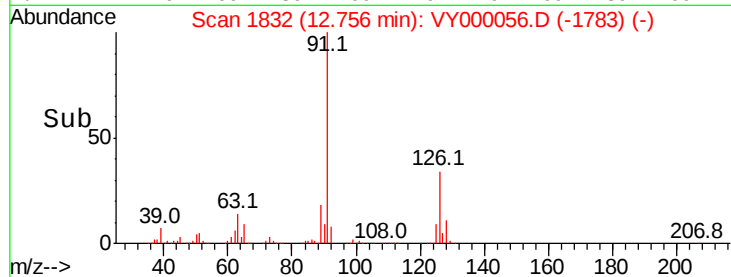
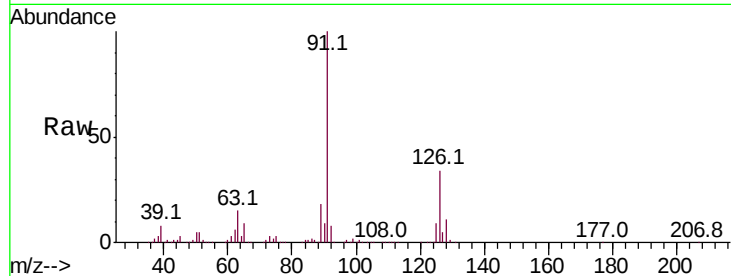
ClientSampled :

Tot Ion: 91 Resp: 645510

Ion Ratio Lower Upper

91 100

126 34.3 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 137.709 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VY000056.D

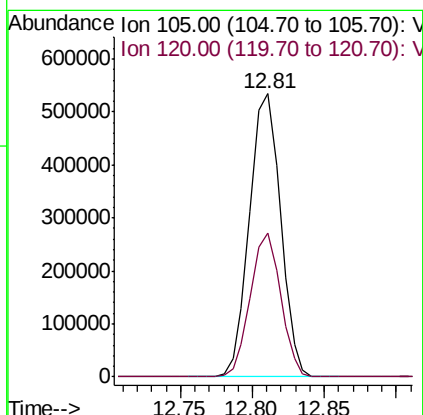
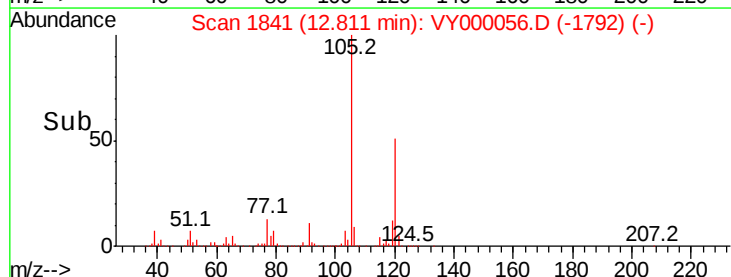
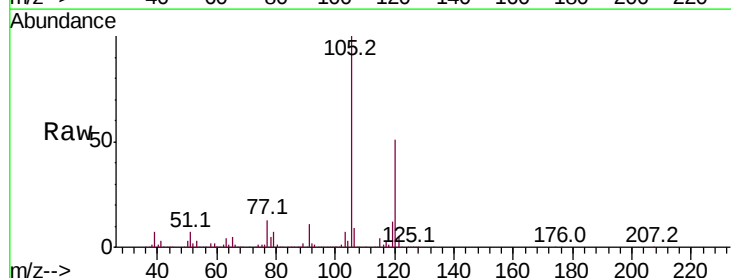
Acq: 17 Sep 2019 12:53

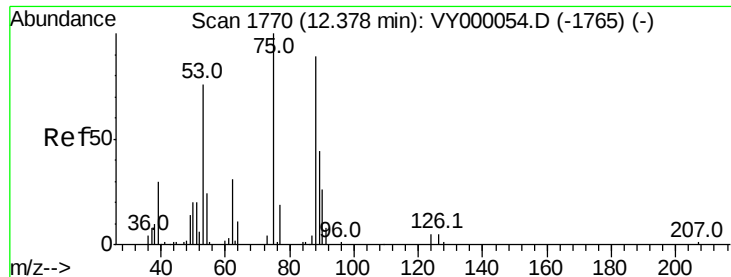
Tgt Ion:105 Resp: 799784

Ion Ratio Lower Upper

105 100

120 49.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 140.874 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

ClientSampleId :

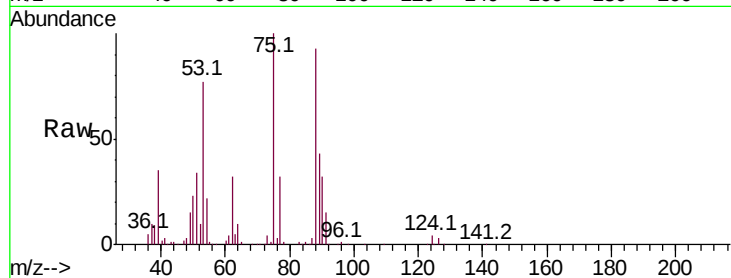
Tot Ion: 75 Resp: 86307

Ion Ratio Lower Upper

75 100

53 80.9 60.9 91.3

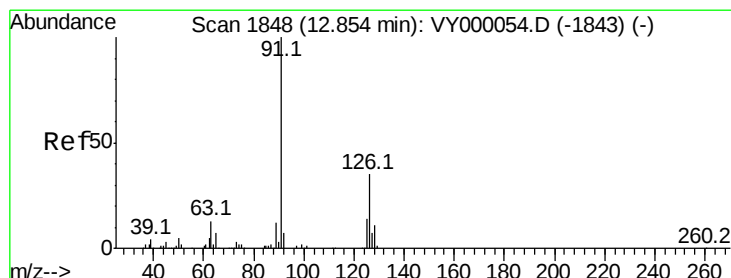
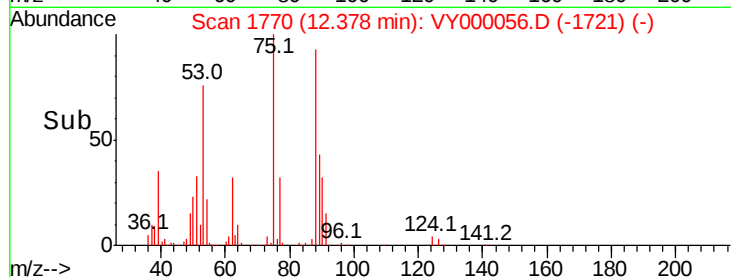
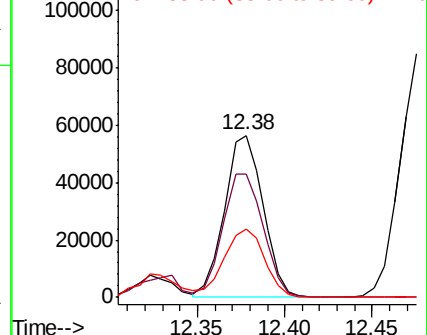
89 44.7 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 139.322 ug/l

RT: 12.85 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VY000056.D

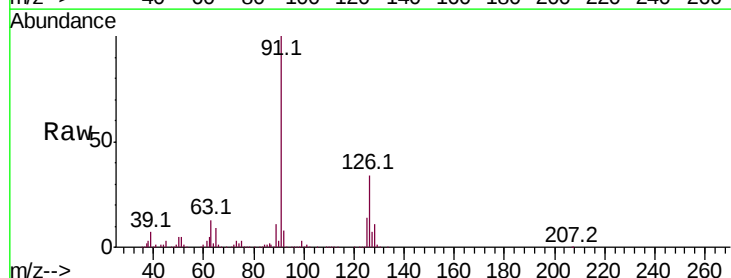
Acq: 17 Sep 2019 12:53

Tgt Ion: 91 Resp: 681238

Ion Ratio Lower Upper

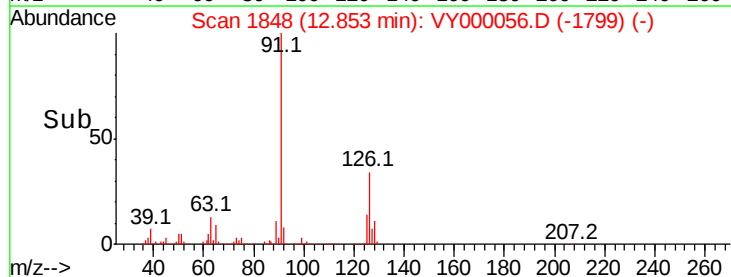
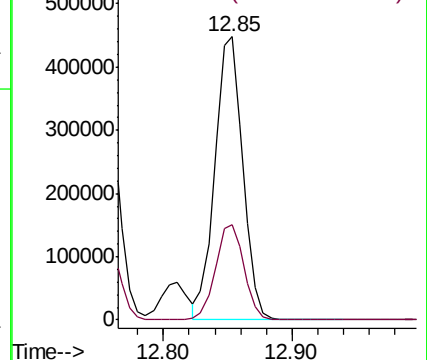
91 100

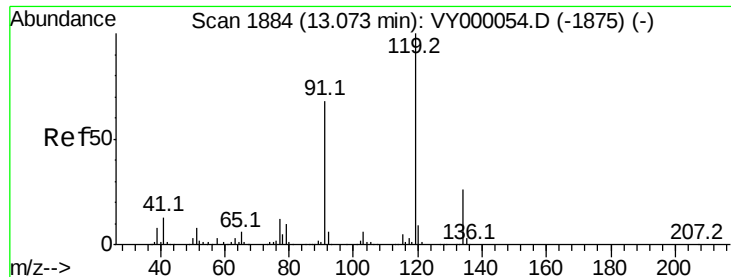
126 34.2 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

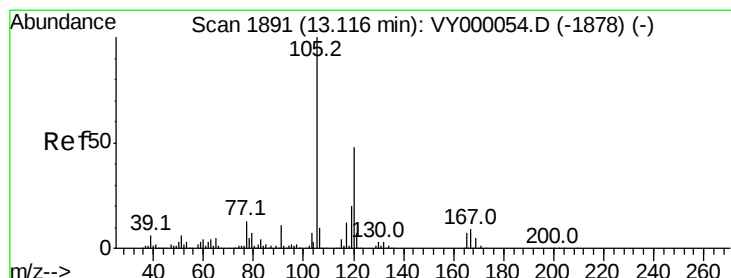
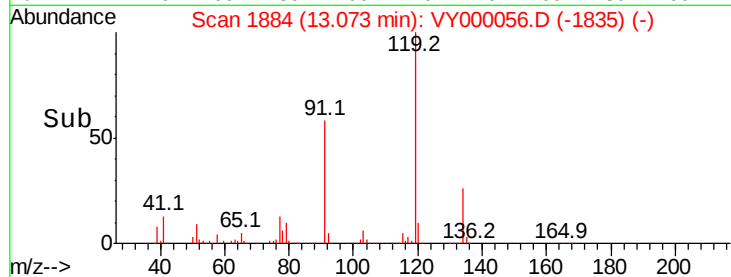
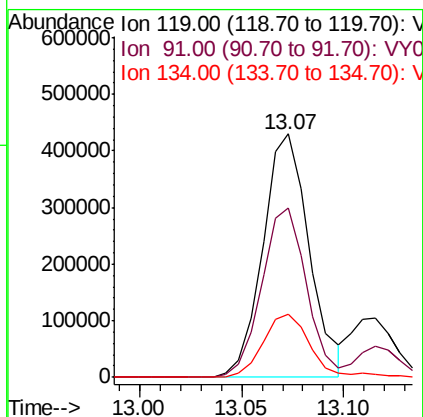
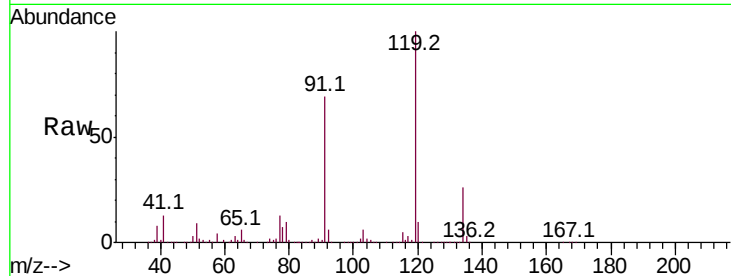




#83
 tert-Butylbenzene
 Concen: 136.555 ug/l
 RT: 13.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

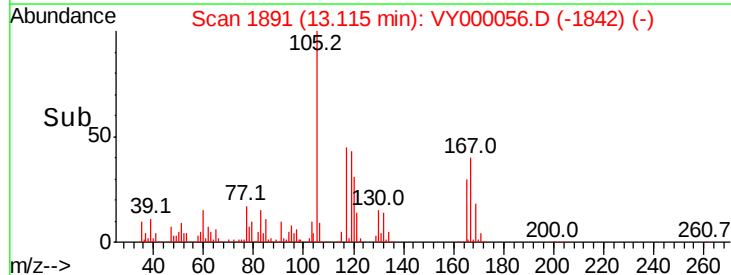
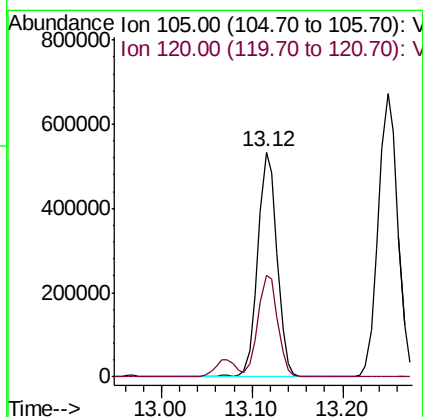
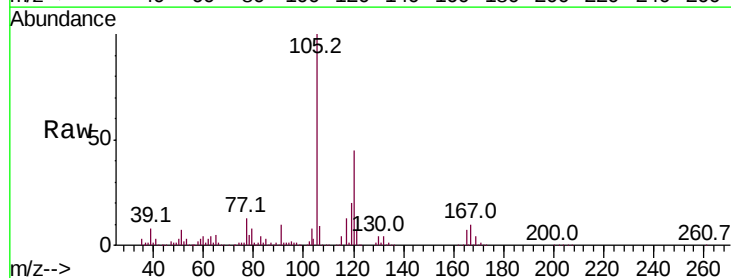
Instrument :
 MSVOA_Y
 ClientSampled :

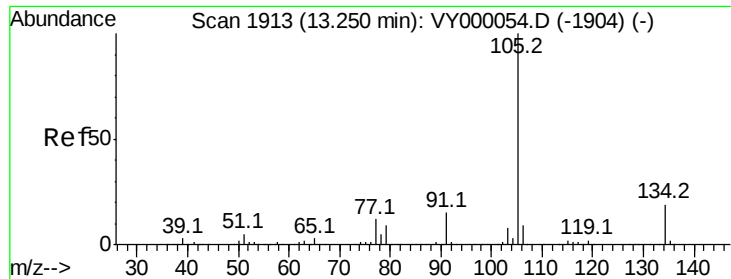
Tot Ion:119 Resp: 681145
 Ion Ratio Lower Upper
 119 100
 91 67.1 33.4 100.1
 134 26.9 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 136.626 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

Tgt Ion:105 Resp: 784709
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.7





#85

sec-Butylbenzene

Concen: 136.176 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

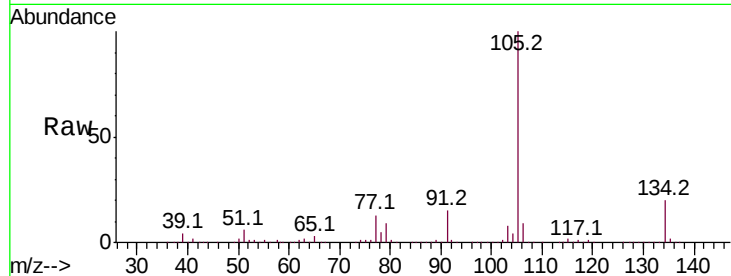
ClientSampleId :

Tot Ion:105 Resp: 1002476

Ion Ratio Lower Upper

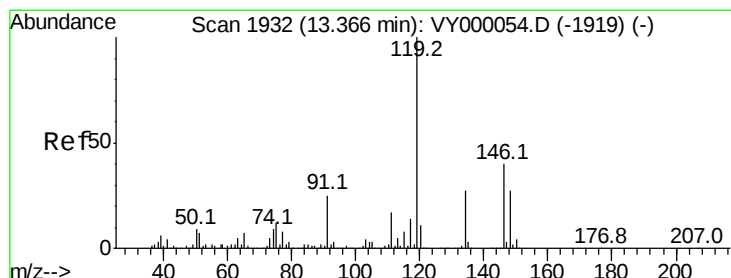
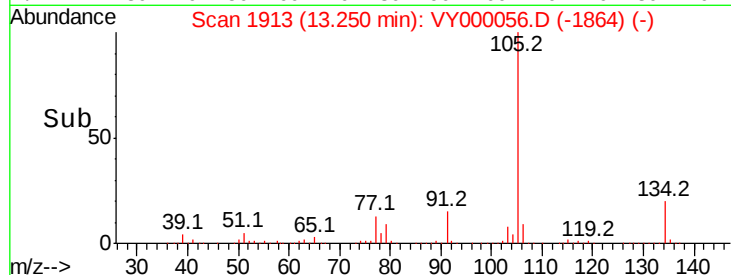
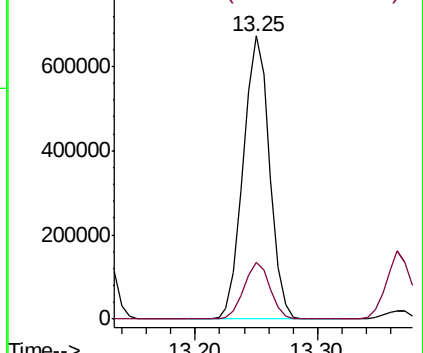
105 100

134 20.0 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 135.506 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

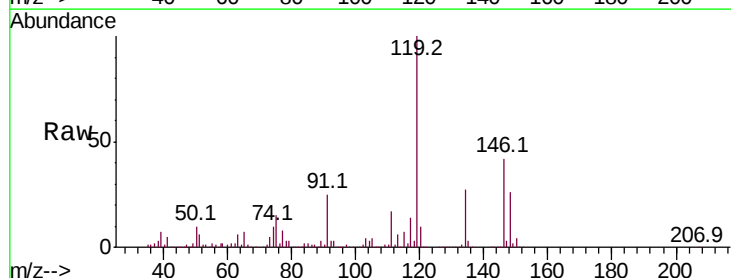
Tgt Ion:119 Resp: 844808

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

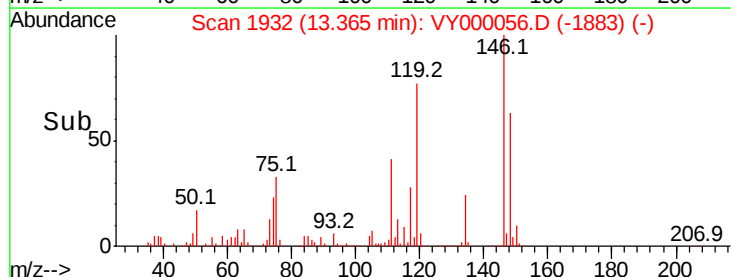
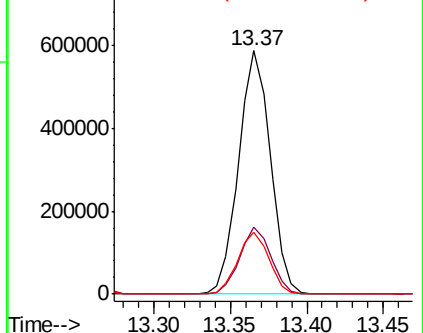
91 25.0 12.4 37.4

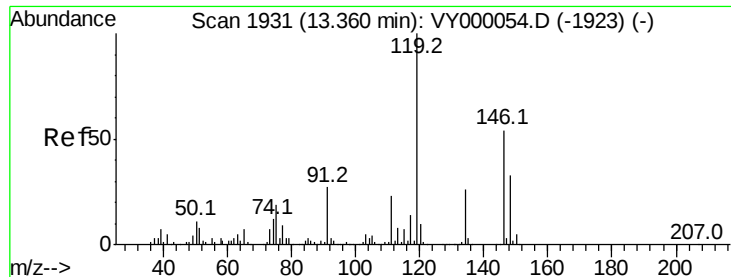


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

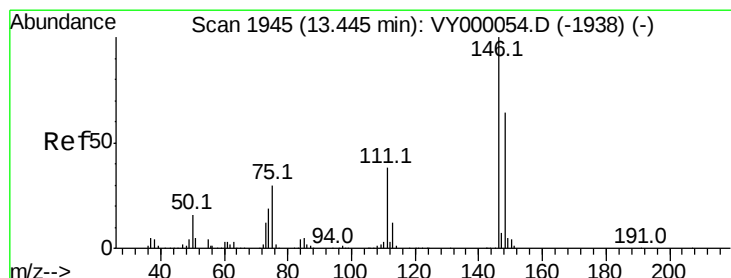
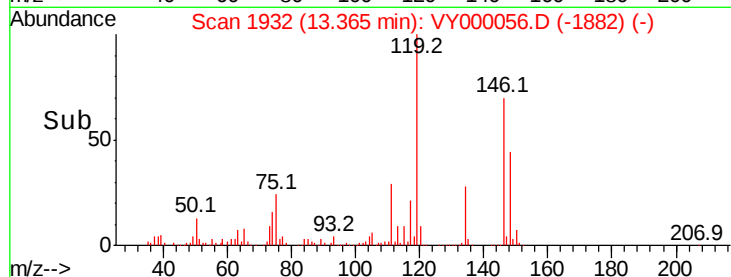
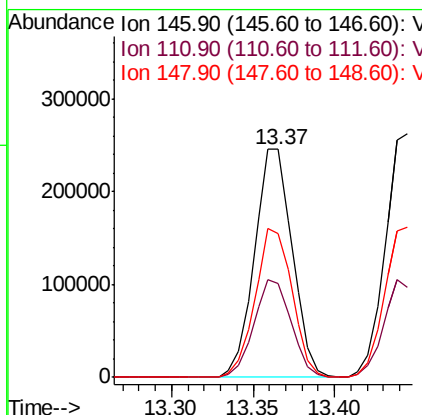
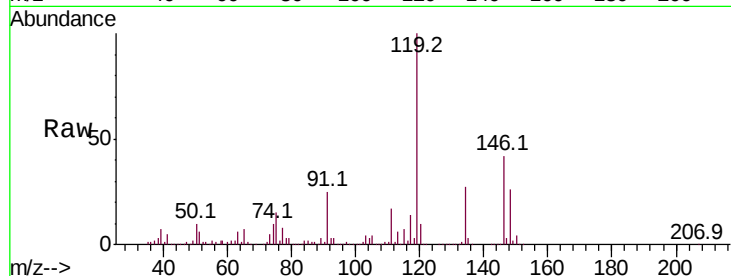




#87
 1,3-Dichlorobenzene
 Concen: 138.037 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. 0.01 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

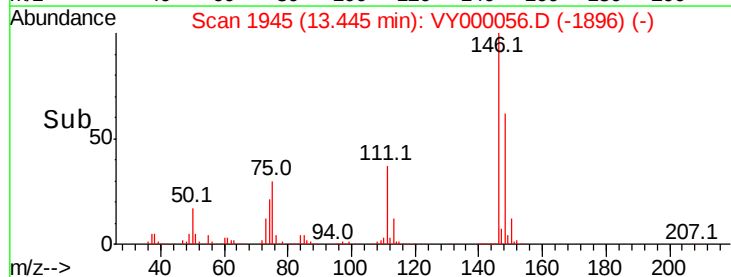
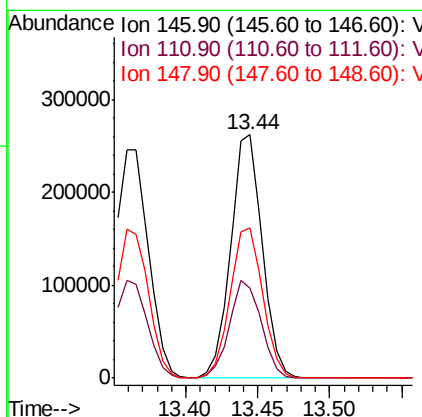
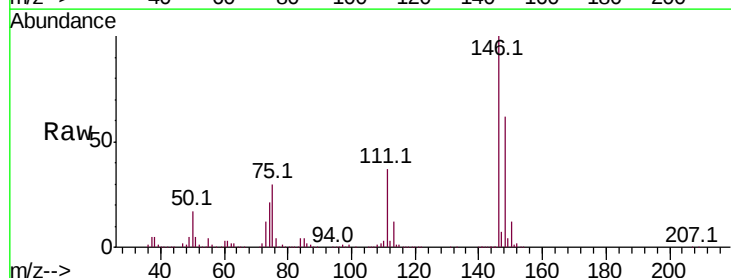
Instrument :
 MSVOA_Y
 ClientSampled :

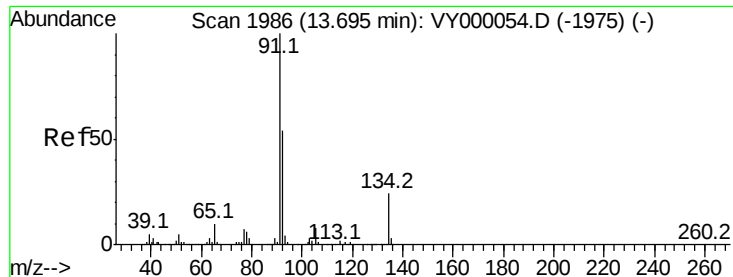
Tot Ion:146 Resp: 396527
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.1
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 136.133 ug/l
 RT: 13.44 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

Tgt Ion:146 Resp: 401685
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.8 62.4
 148 63.6 31.5 94.5

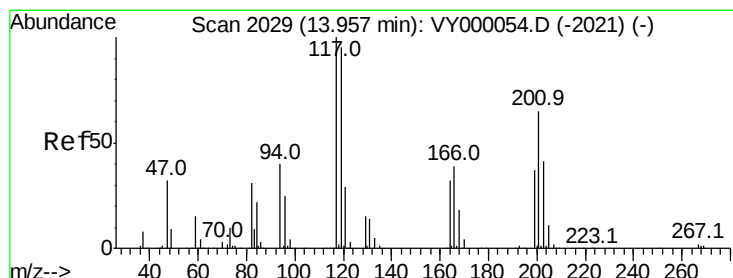
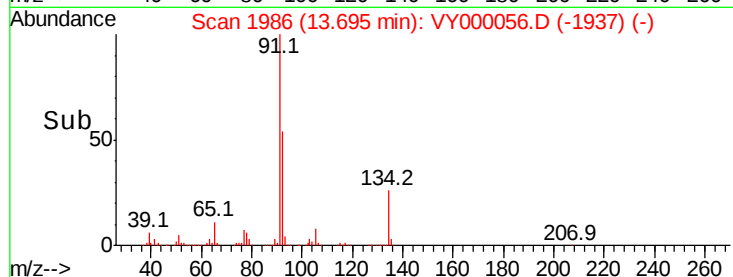
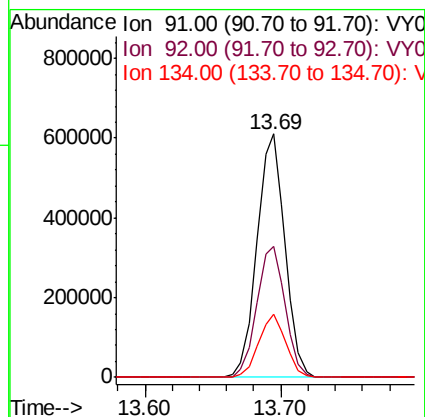
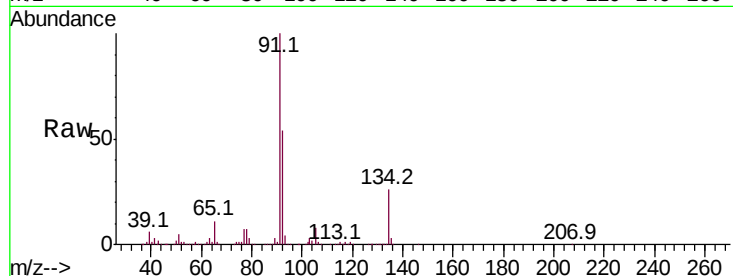




#89
n-Butylbenzene
Concen: 137.269 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

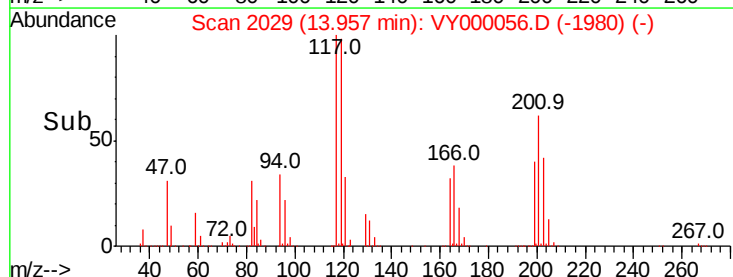
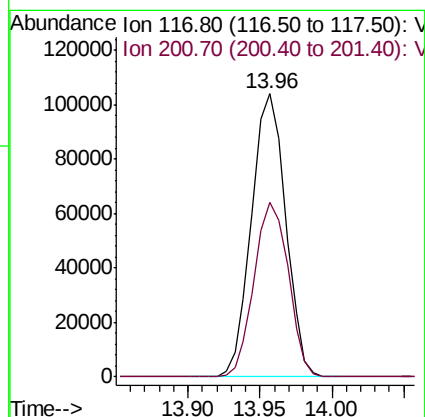
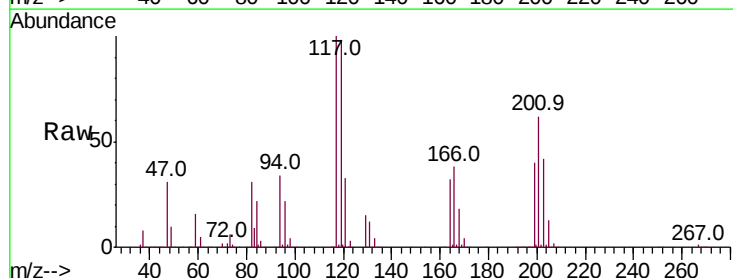
Instrument :
MSVOA_Y
ClientSampled :

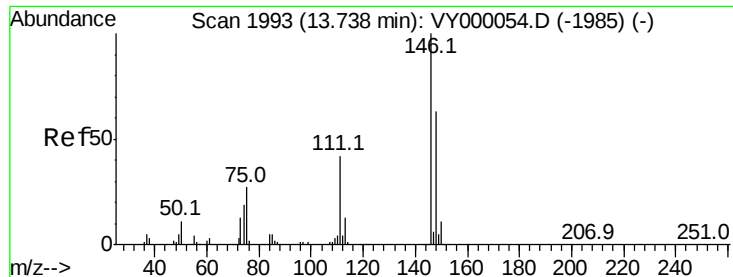
Tot Ion: 91 Resp: 876483
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 25.1 12.2 36.6



#90
Hexachloroethane
Concen: 139.548 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Tgt Ion: 117 Resp: 170822
Ion Ratio Lower Upper
117 100
201 62.0 30.6 92.0





#91

1,2-Dichlorobenzene

Concen: 133.967 ug/l

RT: 13.74 min Scan# 1993

Delta R.T. -0.00 min

Lab File: VY000056.D

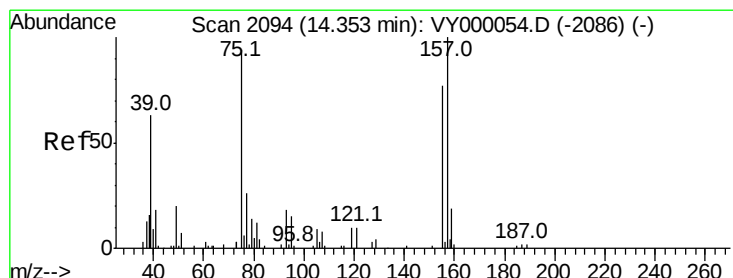
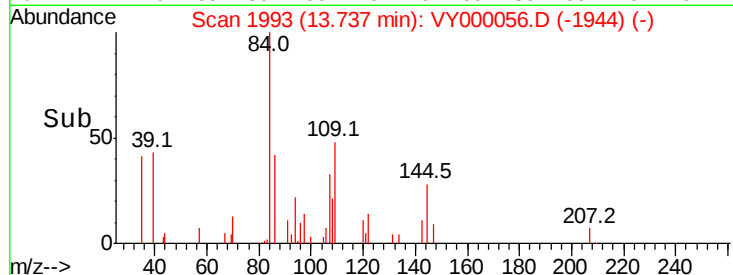
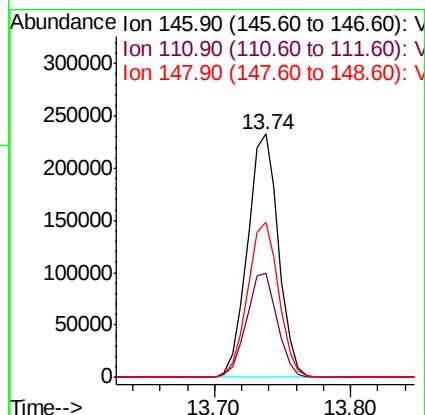
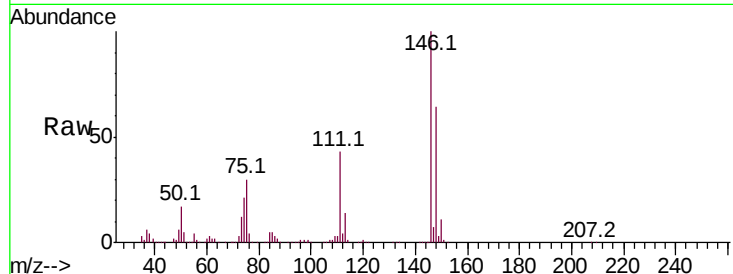
Acq: 17 Sep 2019 12:53

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:	146	Resp:	369731
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.9	65.7
148	64.3	32.4	97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 121.217 ug/l

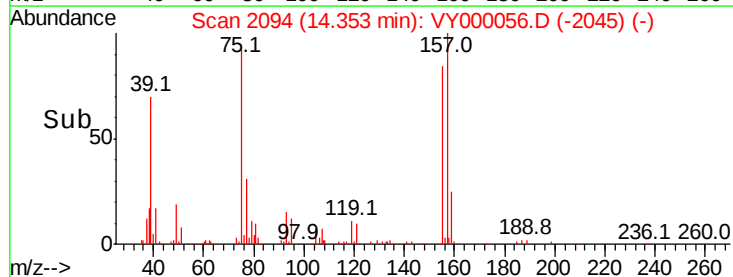
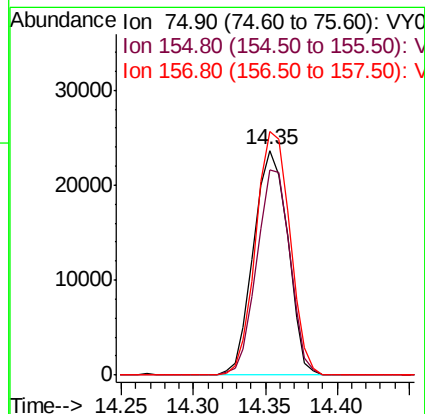
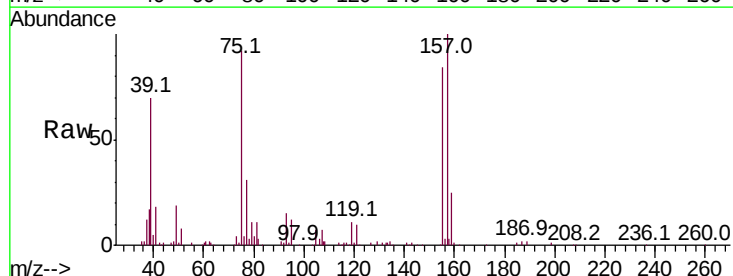
RT: 14.35 min Scan# 2094

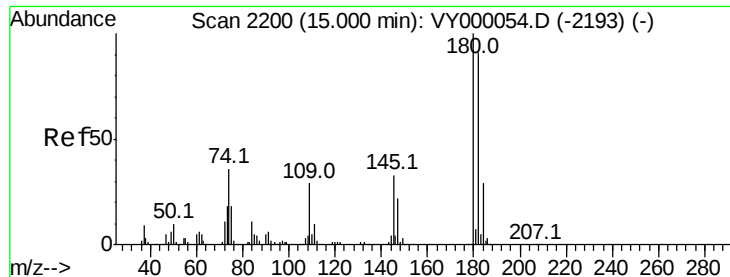
Delta R.T. -0.00 min

Lab File: VY000056.D

Acq: 17 Sep 2019 12:53

Tgt Ion:	75	Resp:	38907
Ion	Ratio	Lower	Upper
75	100		
155	88.6	40.6	121.7
157	107.8	52.9	158.8

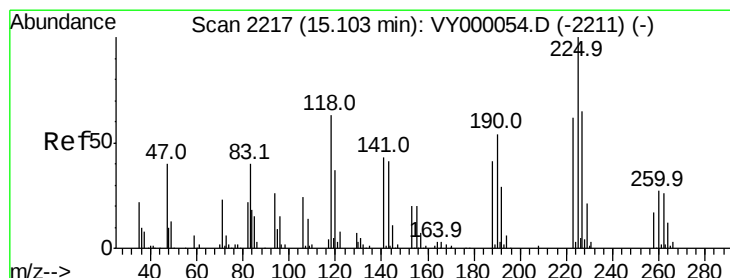
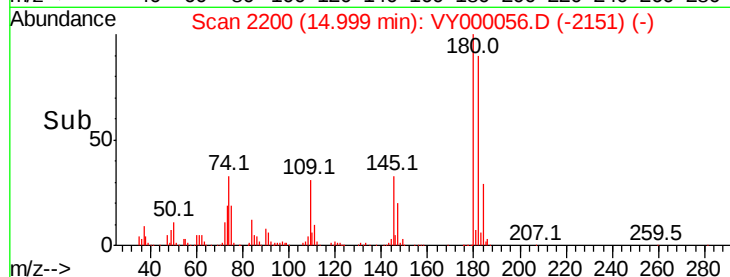
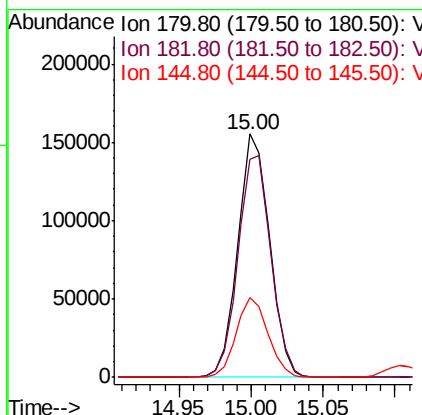
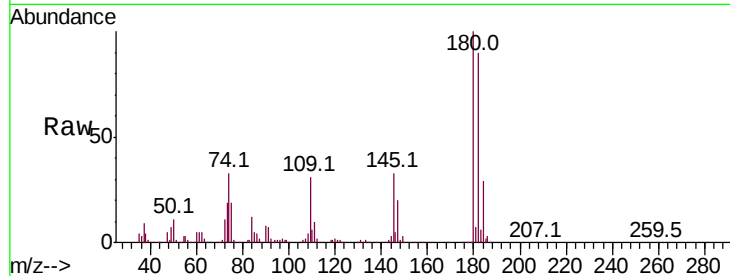




#93
 1,2,4-Trichlorobenzene
 Concen: 147.231 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

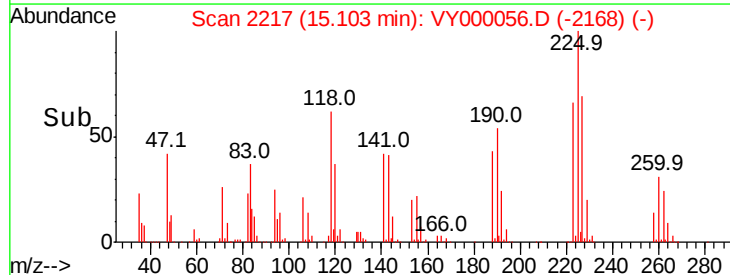
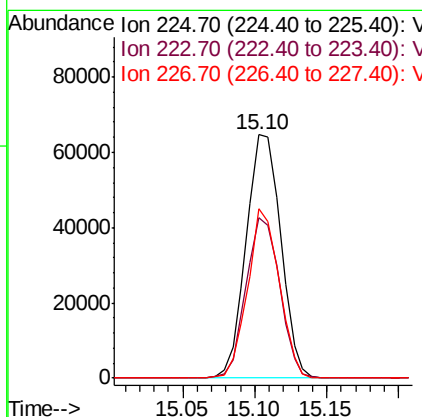
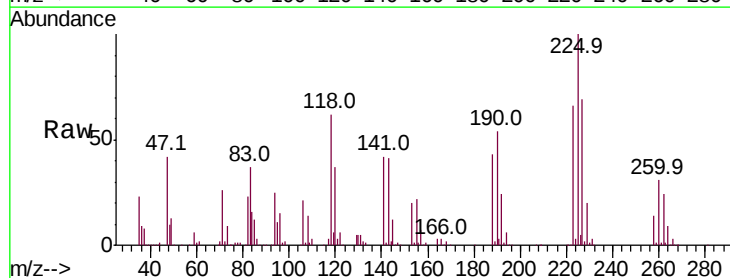
Instrument :
 MSVOA_Y
 ClientSampleId :

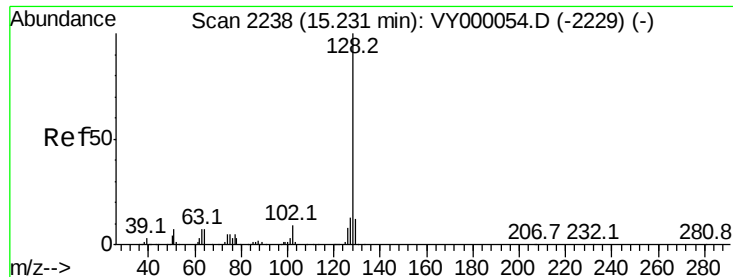
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.5	145.6
145	32.9	17.2	51.6



#94
 Hexachlorobutadiene
 Concen: 136.956 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: VY000056.D
 Acq: 17 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.9	95.5
227	63.2	30.6	91.6

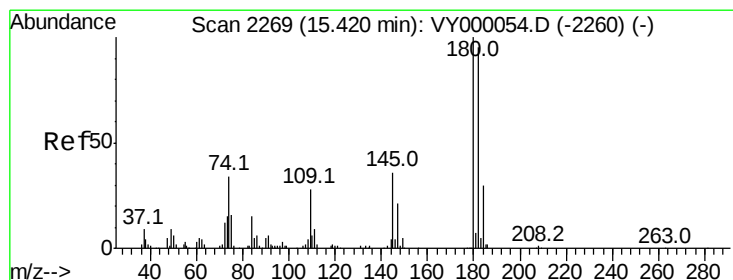
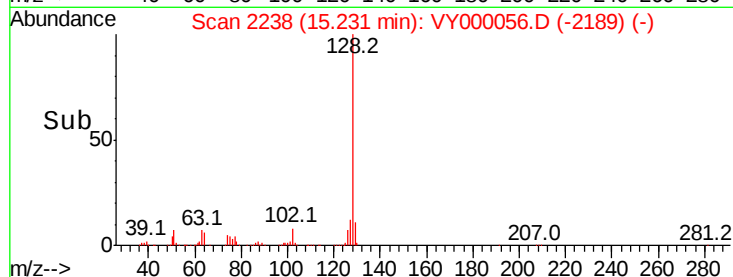
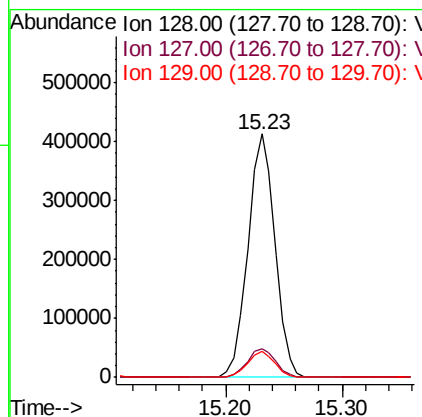
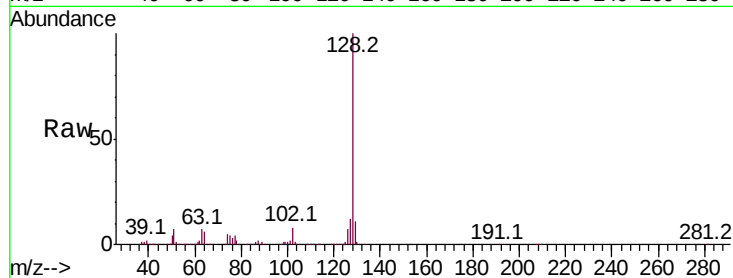




#95
Naphthalene
Concen: 143.109 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	10.8	9.2	13.8



#96
1,2,3-Trichlorobenzene
Concen: 146.375 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VY000056.D
Acq: 17 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.5	142.5
145	33.7	17.4	52.2

