

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091719\
 Data File : VY000052.D
 Acq On : 17 Sep 2019 10:57
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 17 12:09:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 12:06:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	118390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	225757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	194205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	84345	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	15196	11.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.94%	
35) Dibromofluoromethane	7.72	113	16048	12.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	24.70%	
50) Toluene-d8	10.18	98	57567	11.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.16%	
62) 4-Bromofluorobenzene	12.48	95	24276	12.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	25.76%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.89	85	10139	11.508	ug/l 96
3) Chloromethane	2.11	50	16442	11.590	ug/l 90
4) Vinyl Chloride	2.25	62	13393	10.147	ug/l 100
5) Bromomethane	2.63	94	9773	11.497	ug/l 98
6) Chloroethane	2.79	64	9474	10.739	ug/l # 82
7) Trichlorofluoromethane	3.12	101	18435	10.577	ug/l 95
8) Diethyl Ether	3.53	74	7909	10.978	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.89	101	12394	10.418	ug/l 96
10) Methyl Iodide	4.08	142	10708	8.278	ug/l 97
11) Tert butyl alcohol	4.96	59	8320	50.847	ug/l # 73
12) 1,1-Dichloroethene	3.86	96	11995	10.867	ug/l 93
13) Acrolein	3.73	56	5874	50.769	ug/l 99
14) Allyl chloride	4.48	41	17535	10.225	ug/l 100
15) Acrylonitrile	5.16	53	23607	52.024	ug/l 99
16) Acetone	3.95	43	15744	44.863	ug/l 92
17) Carbon Disulfide	4.19	76	21650	9.742	ug/l 96
18) Methyl Acetate	4.48	43	10324	10.255	ug/l 95
19) Methyl tert-butyl Ether	5.22	73	36646	10.829	ug/l # 80
20) Methylene Chloride	4.72	84	15418	10.742	ug/l 90
21) trans-1,2-Dichloroethene	5.22	96	12314	10.023	ug/l 96
22) Diisopropyl ether	6.12	45	39211	10.308	ug/l 99
23) Vinyl Acetate	6.06	43	131880	50.331	ug/l 100
24) 1,1-Dichloroethane	6.02	63	23159	10.250	ug/l 97
25) 2-Butanone	6.99	43	27914	48.313	ug/l 94
26) 2,2-Dichloropropane	6.98	77	23234	11.143	ug/l 96
27) cis-1,2-Dichloroethene	6.98	96	16824	10.900	ug/l 99
28) Bromochloromethane	7.34	49	10617	10.439	ug/l # 93
29) Tetrahydrofuran	7.35	42	16985	49.269	ug/l 97
30) Chloroform	7.51	83	24587	10.529	ug/l 88
31) Cyclohexane	7.78	56	20164	10.838	ug/l 89
32) 1,1,1-Trichloroethane	7.70	97	19927	10.488	ug/l 95
36) 1,1-Dichloropropene	7.92	75	16829	10.060	ug/l 99
37) Ethyl Acetate	7.07	43	11743	10.370	ug/l # 94
38) Carbon Tetrachloride	7.90	117	15083	9.539	ug/l # 82

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

39) Methylcyclohexane	9.18	83	20947	10.096	ug/l	98
40) Benzene	8.16	78	56136	10.237	ug/l	99
41) Methacrylonitrile	7.31	41	4701	7.196	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	14639	10.403	ug/l	96
43) Isopropyl Acetate	8.28	43	21654	9.847	ug/l	98
44) Trichloroethene	8.94	130	13831	10.117	ug/l	80
45) 1,2-Dichloropropane	9.22	63	14353	10.173	ug/l	91
46) Dibromomethane	9.30	93	8011	10.217	ug/l	95
47) Bromodichloromethane	9.49	83	19507	10.426	ug/l	99
48) Methyl methacrylate	9.29	41	9871	10.144	ug/l	99
49) 1,4-Dioxane	9.29	88	3061	186.279	ug/l #	92
51) 4-Methyl-2-Pentanone	10.07	43	60154	49.065	ug/l	99
52) Toluene	10.24	92	35812	10.410	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	20698	10.508	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	23662	10.296	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	12093	9.678	ug/l	92
56) Ethyl methacrylate	10.51	69	16604	9.484	ug/l	97
57) 1,3-Dichloropropane	10.79	76	21535	10.810	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	47576	50.849	ug/l	99
59) 2-Hexanone	10.84	43	41950	47.281	ug/l	96
60) Dibromochloromethane	10.98	129	12962	9.925	ug/l	95
61) 1,2-Dibromoethane	11.09	107	11225	10.192	ug/l	98
64) Tetrachloroethene	10.72	164	12387	10.276	ug/l	85
65) Chlorobenzene	11.51	112	39489	10.527	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	12582	9.651	ug/l	93
67) Ethyl Benzene	11.59	91	70298	10.313	ug/l	99
68) m/p-Xylenes	11.70	106	53006	20.577	ug/l	97
69) o-Xylene	12.02	106	25446	10.076	ug/l	99
70) Styrene	12.04	104	44491	10.130	ug/l	99
71) Bromoform	12.21	173	7150	9.143	ug/l #	96
73) Isopropylbenzene	12.33	105	67676	10.296	ug/l	97
74) N-amyl acetate	12.14	43	17865	9.263	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	16559	10.572	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	21197	18.095	ug/l #	100
77) Bromobenzene	12.61	156	13572	9.828	ug/l	94
78) n-propylbenzene	12.67	91	83735	10.421	ug/l	98
79) 2-Chlorotoluene	12.75	91	46872	10.437	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	56812	10.386	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	5936	9.900	ug/l	99
82) 4-Chlorotoluene	12.85	91	48184	10.246	ug/l	99
83) tert-Butylbenzene	13.07	119	48576	10.321	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	55384	10.230	ug/l	99
85) sec-Butylbenzene	13.25	105	73112	10.531	ug/l	98
86) p-Isopropyltoluene	13.37	119	61252	10.371	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	27942	10.017	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	28408	10.143	ug/l	97
89) n-Butylbenzene	13.69	91	62161	10.378	ug/l	99
90) Hexachloroethane	13.96	117	11367	9.655	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	27728	10.711	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.35	75	2996	9.878	ug/l	86

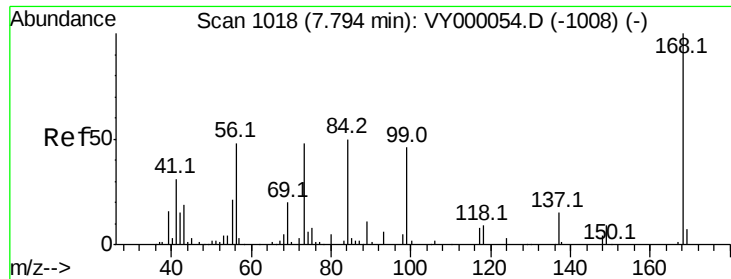
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Quant Title : SW846 8260
QLast Update : Tue Sep 17 12:06:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	14688	8.887	ug/l	92
94) Hexachlorobutadiene	15.11	225	7719	10.172	ug/l	97
95) Naphthalene	15.23	128	45089	10.000	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	15220	10.261	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: VY000052.D

Acq: 17 Sep 2019 10:57

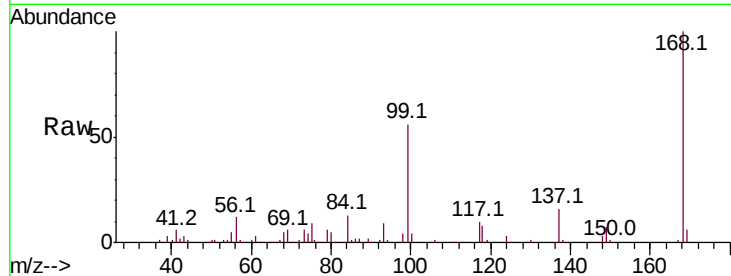
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 118390

Ion Ratio Lower Upper

168 100

99 56.4 44.2 66.2



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

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

7.79

60000

50000

40000

30000

20000

10000

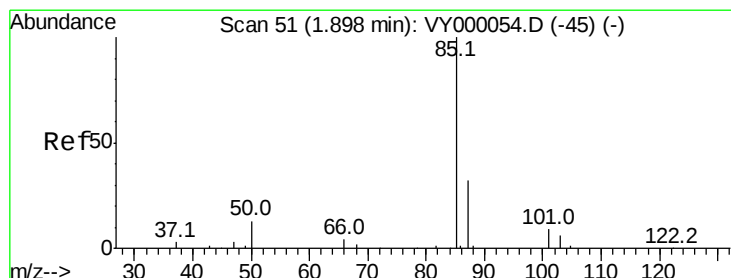
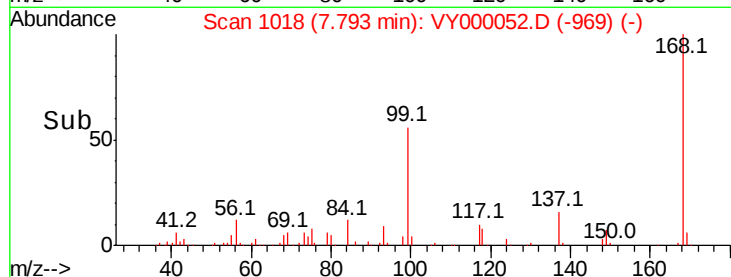
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 11.508 ug/l

RT: 1.89 min Scan# 50

Delta R.T. -0.01 min

Lab File: VY000052.D

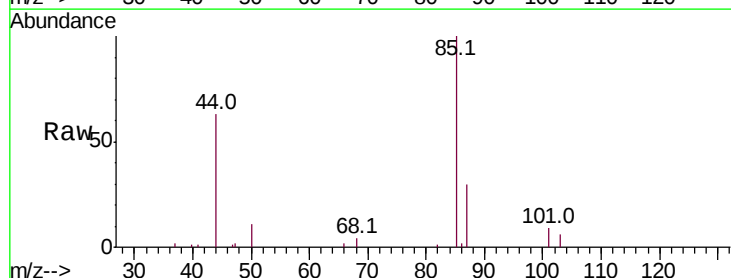
Acq: 17 Sep 2019 10:57

Tgt Ion: 85 Resp: 10139

Ion Ratio Lower Upper

85 100

87 29.9 16.2 48.5



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

Ion 86.90 (86.60 to 87.60): VY000054.D (-45) (-)

1.89

6000

4000

2000

0

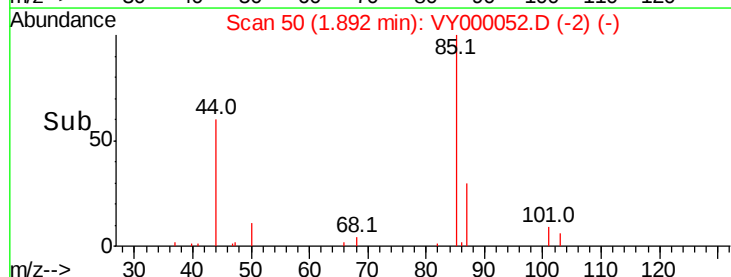
1.85

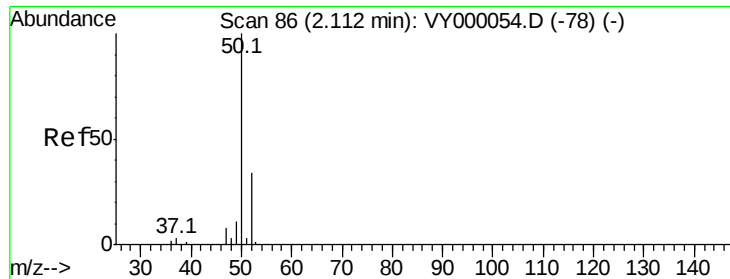
1.90

1.95

2.00

Time-->





#3

Chloromethane

Concen: 11.590 ug/l

RT: 2.11 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

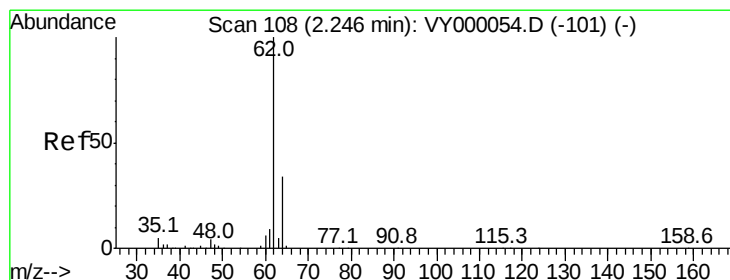
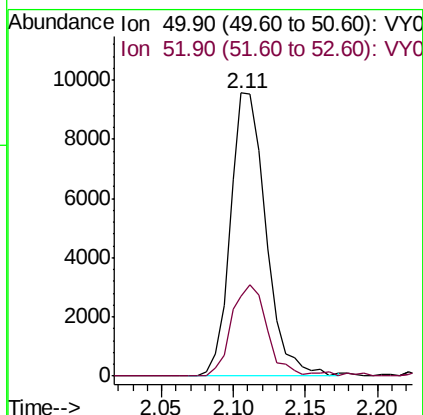
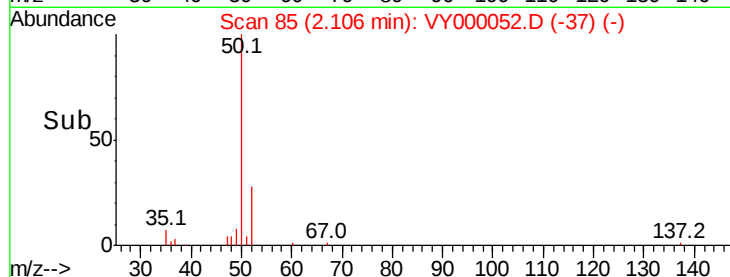
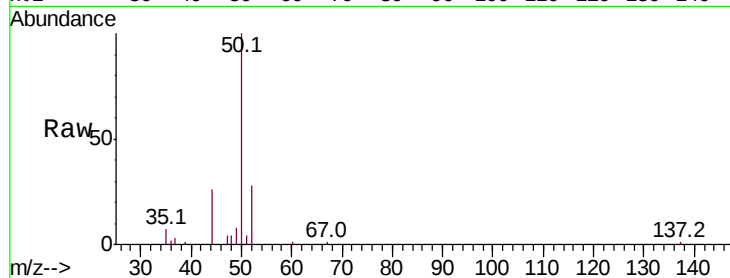
ClientSampled :

Tot Ion: 50 Resp: 16442

Ion Ratio Lower Upper

50 100

52 28.1 27.3 40.9



#4

Vinyl Chloride

Concen: 10.147 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000052.D

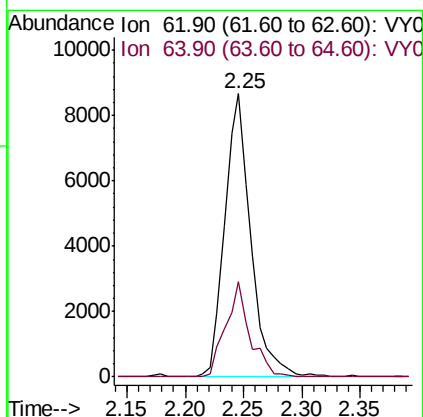
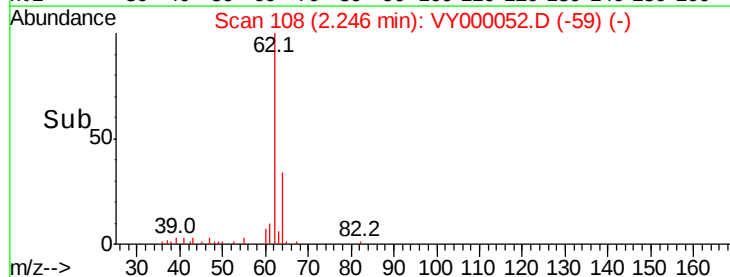
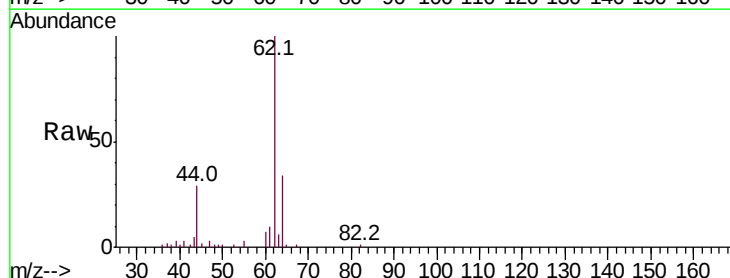
Acq: 17 Sep 2019 10:57

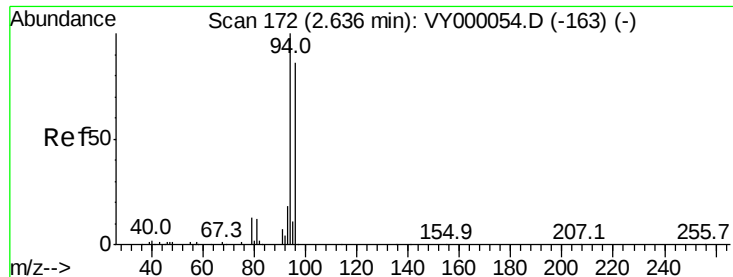
Tgt Ion: 62 Resp: 13393

Ion Ratio Lower Upper

62 100

64 33.6 26.9 40.3





#5

Bromomethane

Concen: 11.497 ug/l

RT: 2.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

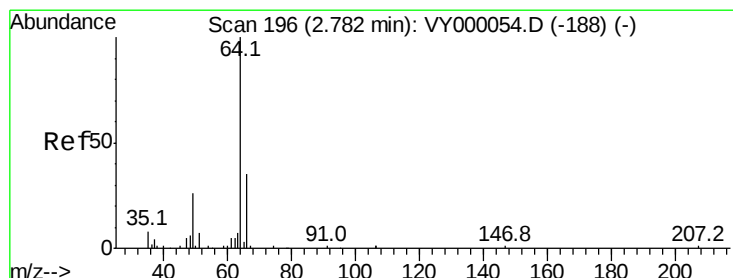
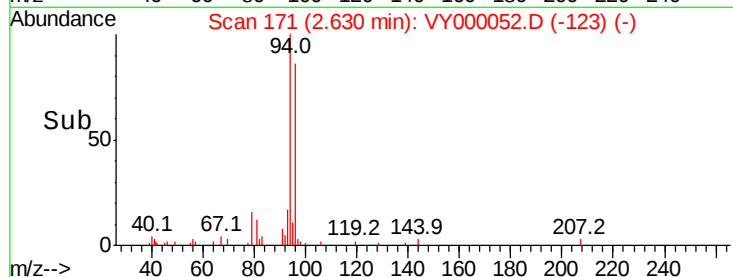
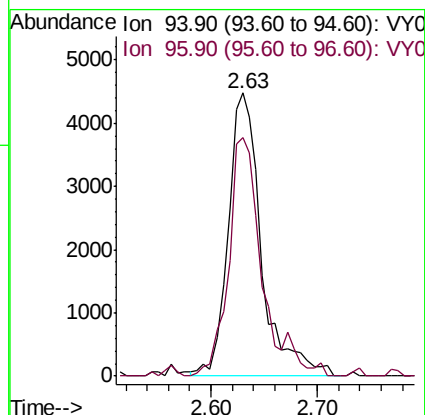
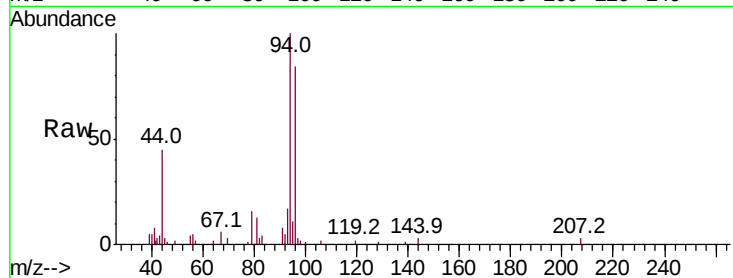
ClientSampleId :

Tot Ion: 94 Resp: 9773

Ion Ratio Lower Upper

94 100

96 84.4 69.1 103.7



#6

Chloroethane

Concen: 10.739 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VY000052.D

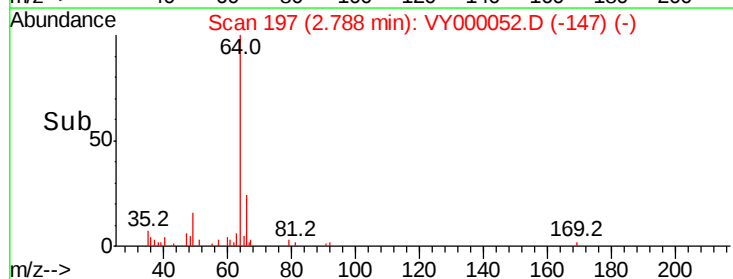
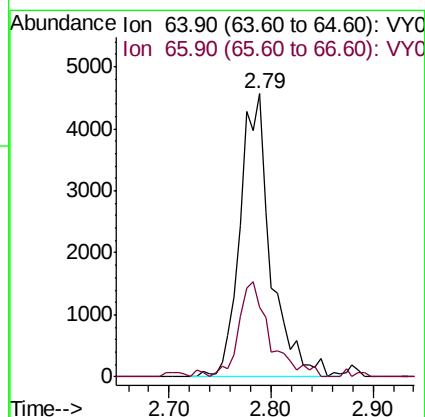
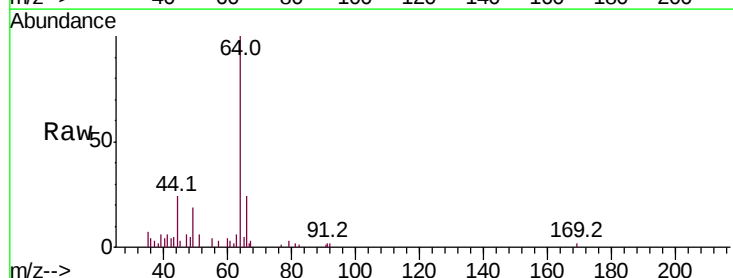
Acq: 17 Sep 2019 10:57

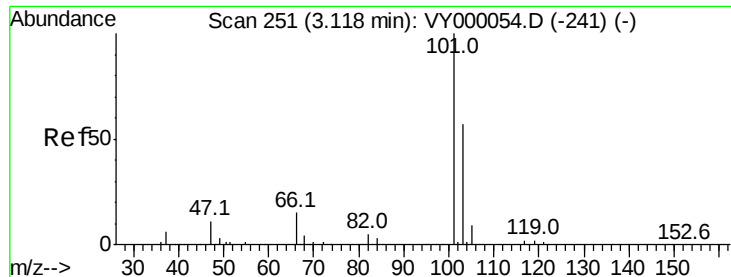
Tgt Ion: 64 Resp: 9474

Ion Ratio Lower Upper

64 100

66 24.4 27.7 41.5#



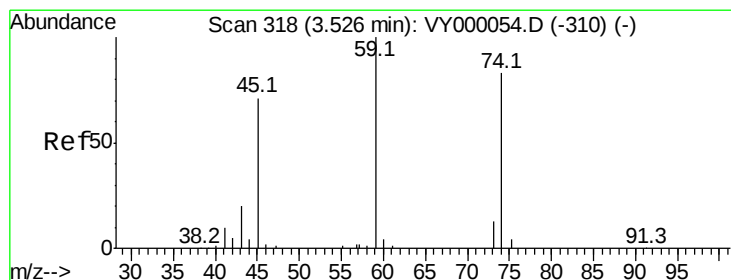
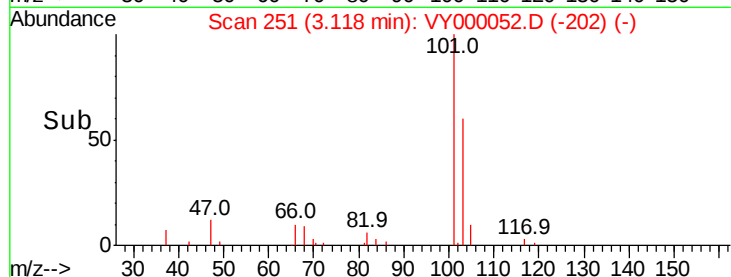
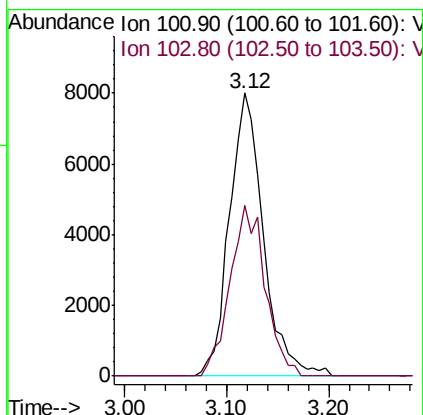
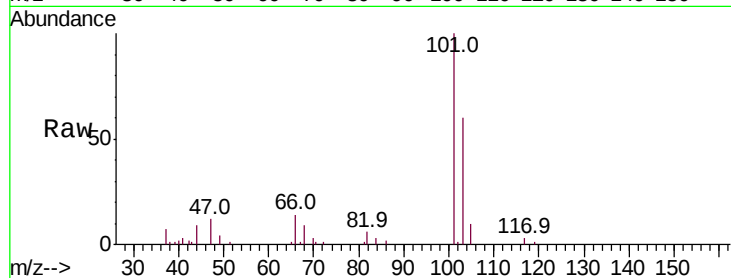


#7

Trichlorofluoromethane
 Concen: 10.577 ug/l
 RT: 3.12 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

Instrument :
 MSVOA_Y
 ClientSampleId :

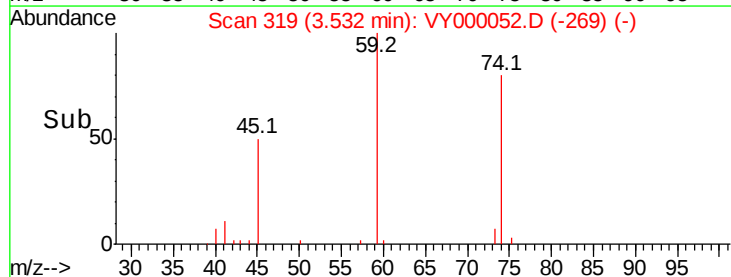
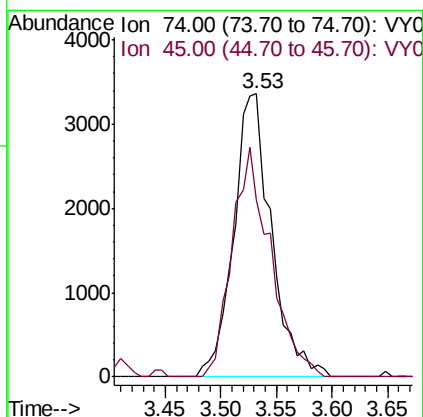
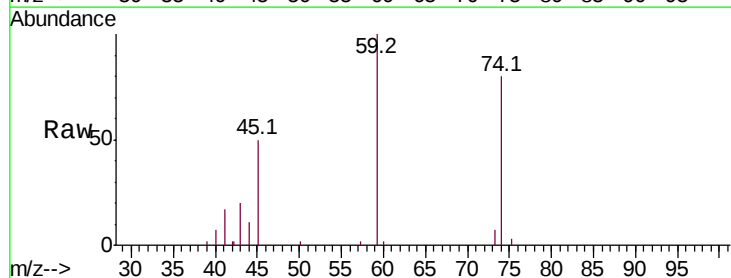
Tot Ion:101 Resp: 18435
 Ion Ratio Lower Upper
 101 100
 103 60.5 45.7 68.5

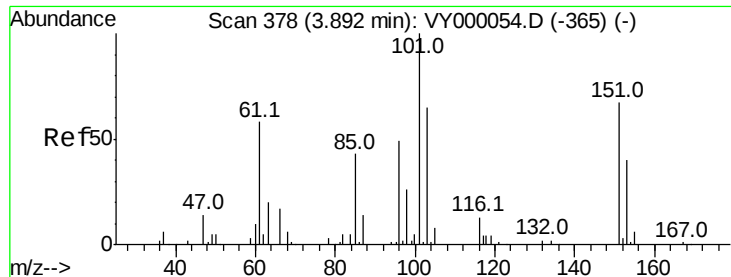


#8

Diethyl Ether
 Concen: 10.978 ug/l
 RT: 3.53 min Scan# 319
 Delta R.T. 0.01 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

Tgt Ion: 74 Resp: 7909
 Ion Ratio Lower Upper
 74 100
 45 82.6 40.6 122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.418 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VY000052.D

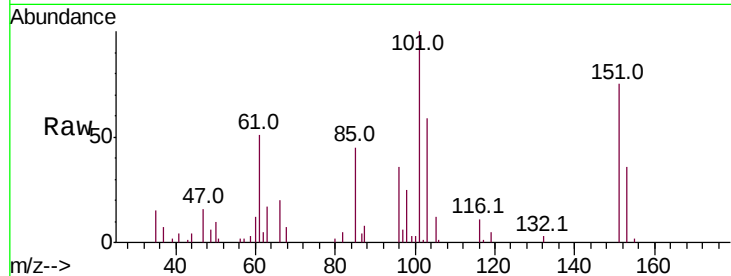
Acq: 17 Sep 2019 10:57

Instrument :

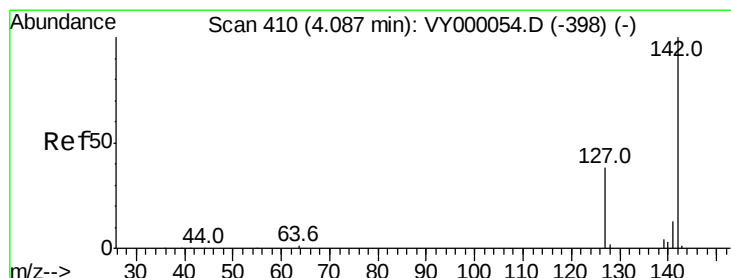
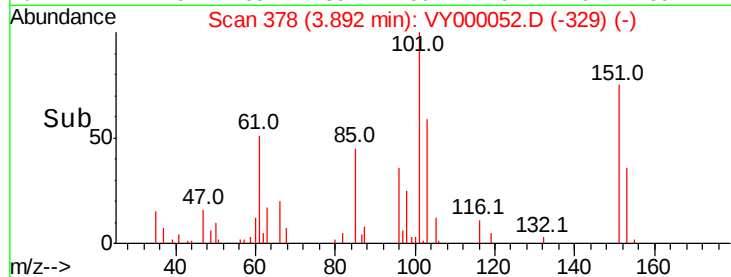
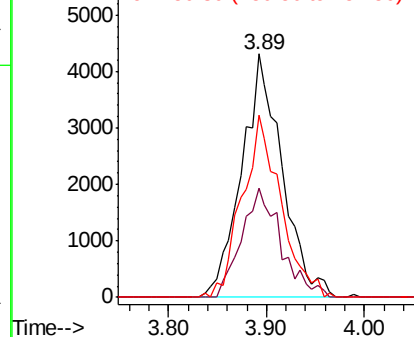
MSVOA_Y

ClientSampleId :

Tot Ion:	101	Resp:	12394
Ion	Ratio	Lower	Upper
101	100		
85	44.0	36.8	55.2
151	71.1	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: 8.278 ug/l

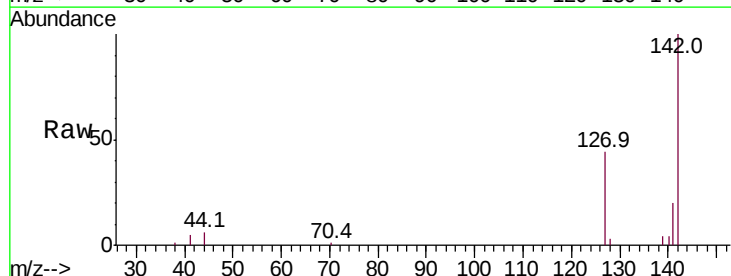
RT: 4.08 min Scan# 409

Delta R.T. -0.01 min

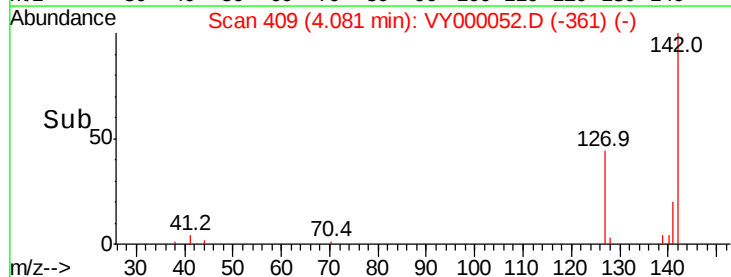
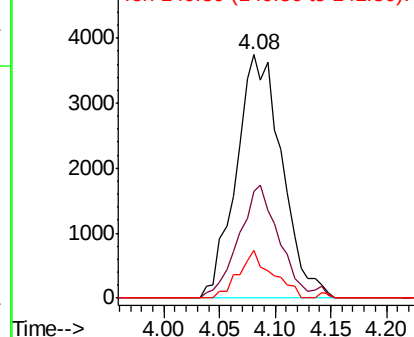
Lab File: VY000052.D

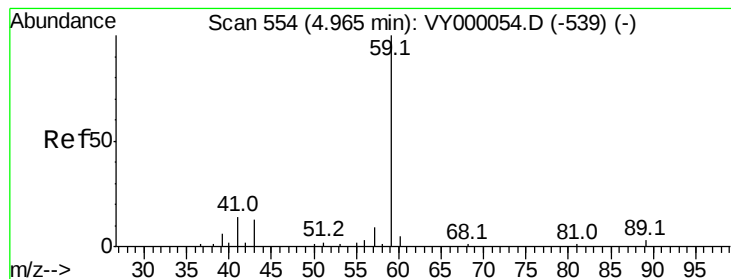
Acq: 17 Sep 2019 10:57

Tgt Ion:	142	Resp:	10708
Ion	Ratio	Lower	Upper
142	100		
127	41.7	31.6	47.4
141	14.4	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



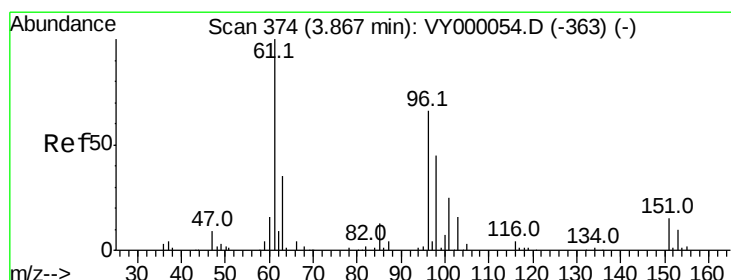
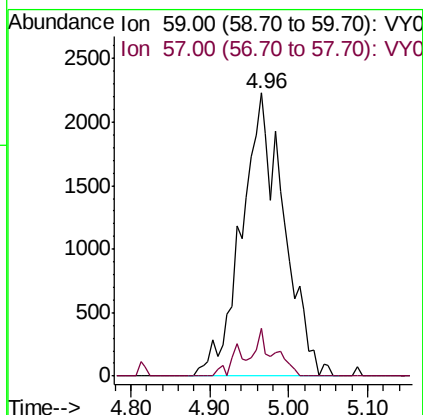
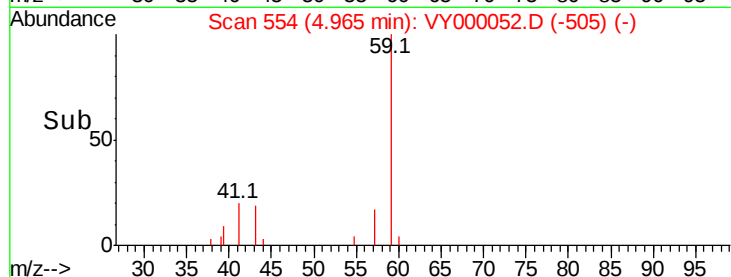
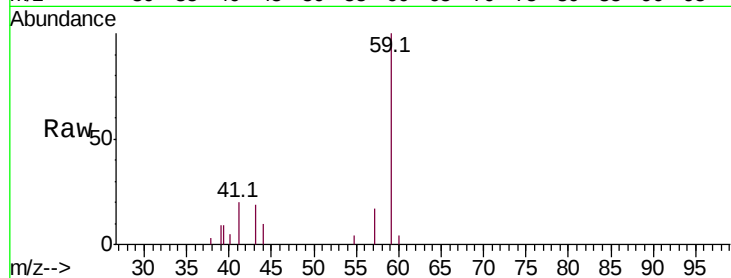


#11

Tert butyl alcohol
 Concen: 50.847 ug/l
 RT: 4.96 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

Instrument :
 MSVOA_Y
 ClientSampleId :

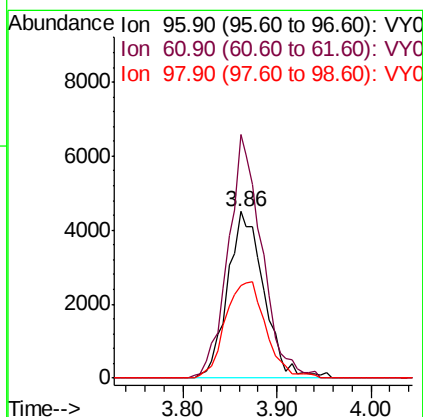
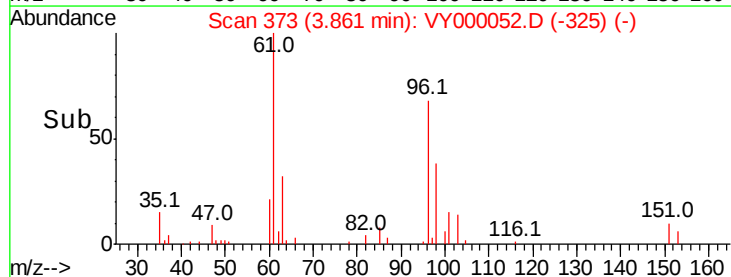
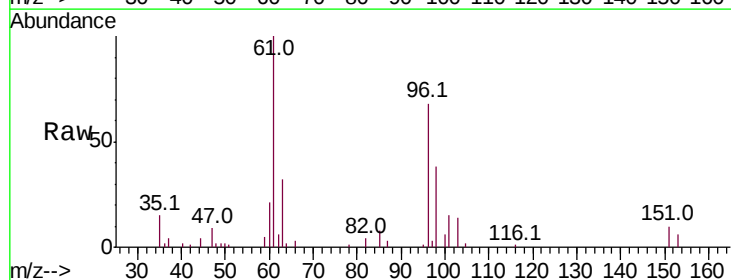
Tot Ion: 59 Resp: 8320
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

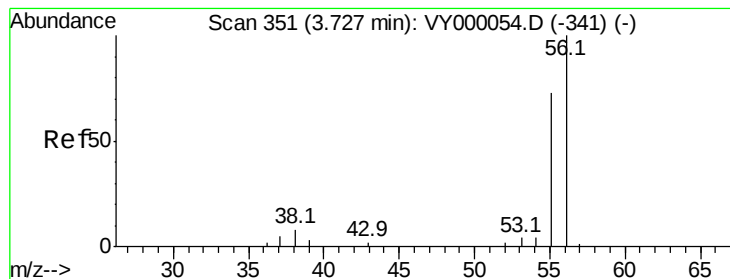


#12

1,1-Dichloroethene
 Concen: 10.867 ug/l
 RT: 3.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

Tgt Ion: 96 Resp: 11995
 Ion Ratio Lower Upper
 96 100
 61 146.3 120.4 180.6
 98 55.3 54.1 81.1





#13

Acrolein

Concen: 50.769 ug/l

RT: 3.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

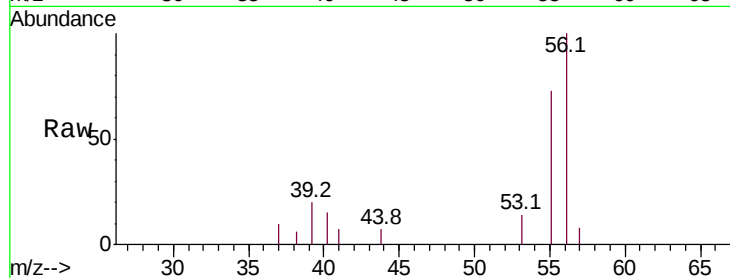
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 5874

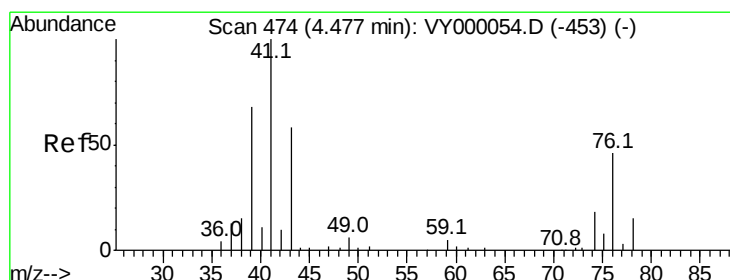
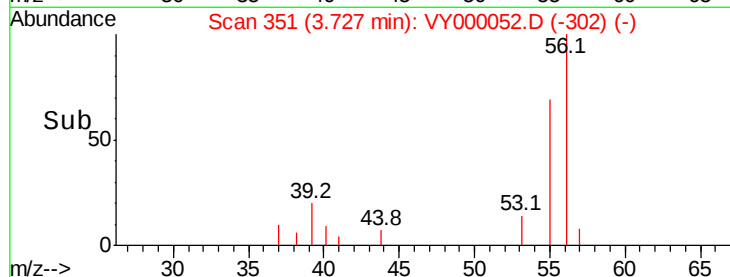
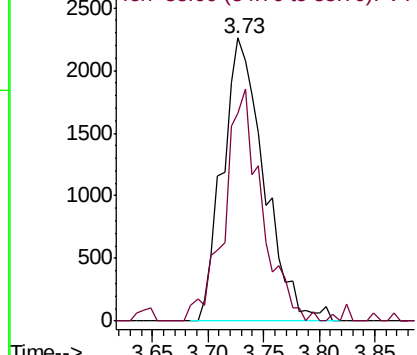
Ion Ratio Lower Upper

56 100

55 72.8 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 10.225 ug/l

RT: 4.48 min Scan# 475

Delta R.T. 0.01 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

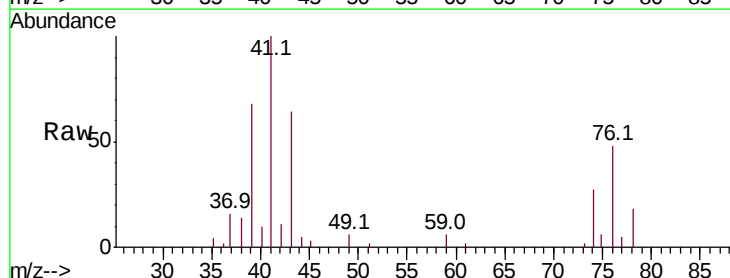
Tgt Ion: 41 Resp: 17535

Ion Ratio Lower Upper

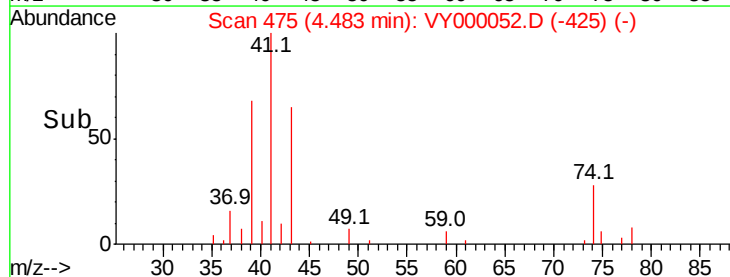
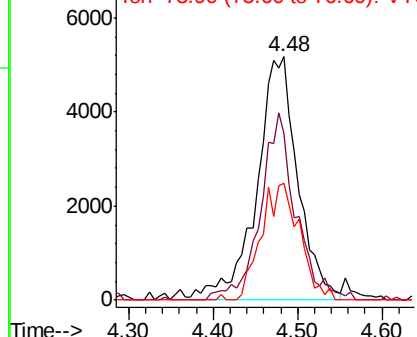
41 100

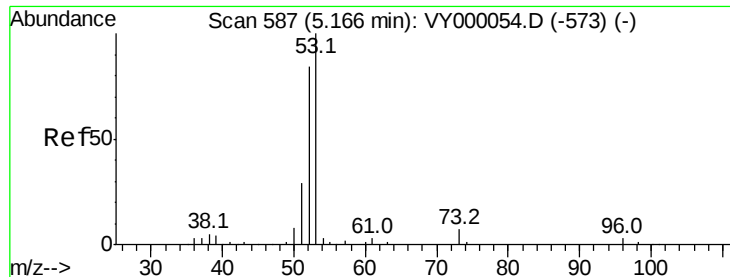
39 66.3 52.7 79.1

76 44.4 35.5 53.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 52.024 ug/l

RT: 5.16 min Scan# 586

Delta R.T. -0.01 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

ClientSampled :

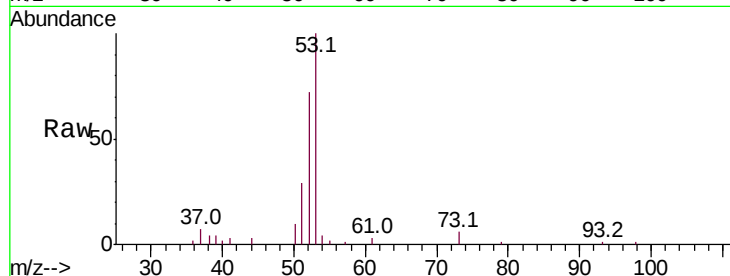
Tot Ion: 53 Resp: 23607

Ion Ratio Lower Upper

53 100

52 81.1 64.7 97.1

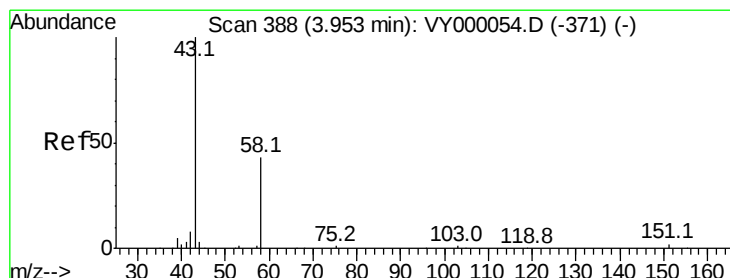
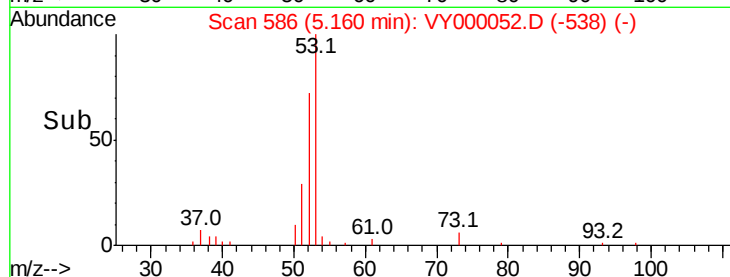
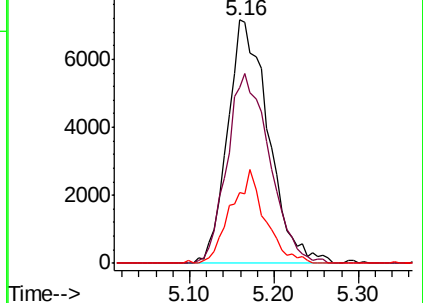
51 31.9 26.7 40.1



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: 44.863 ug/l

RT: 3.95 min Scan# 388

Delta R.T. -0.00 min

Lab File: VY000052.D

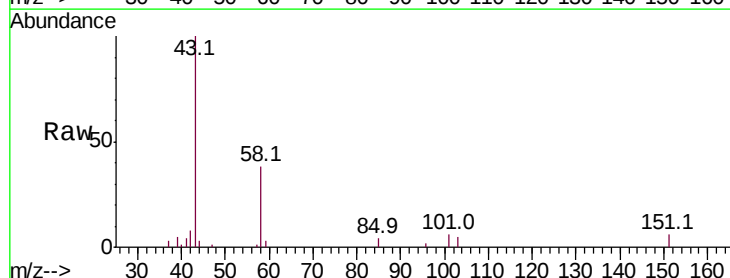
Acq: 17 Sep 2019 10:57

Tgt Ion: 43 Resp: 15744

Ion Ratio Lower Upper

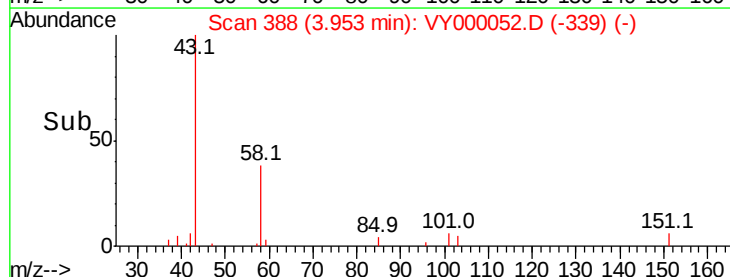
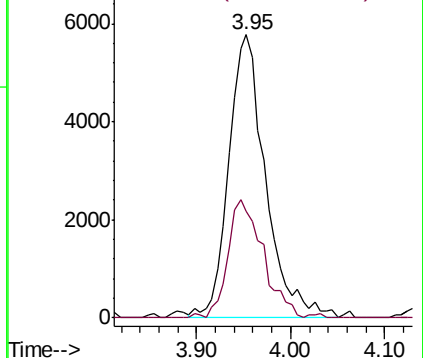
43 100

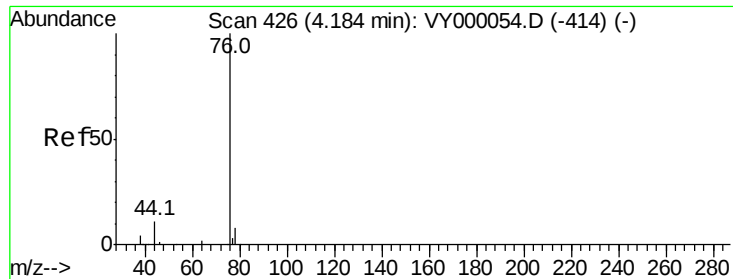
58 37.7 34.5 51.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 9.742 ug/l

RT: 4.19 min Scan# 427

Delta R.T. 0.01 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

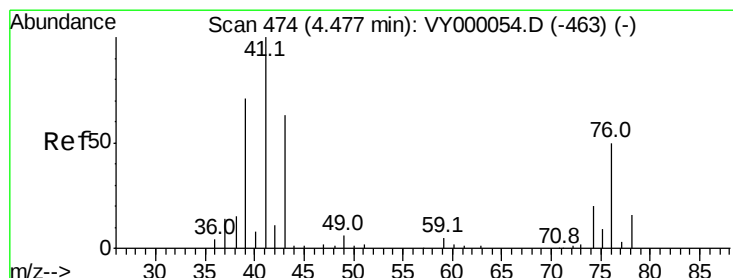
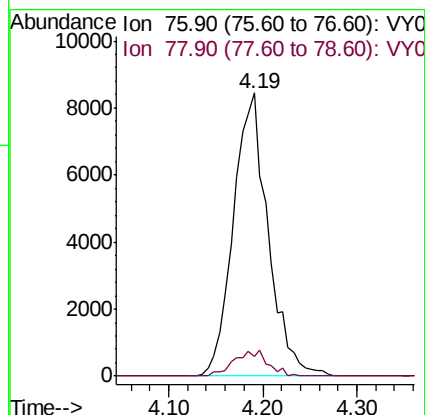
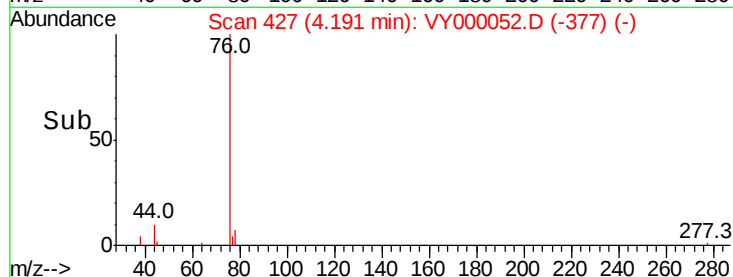
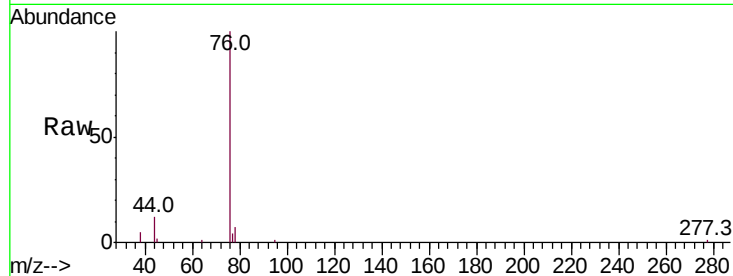
ClientSampleId :

Tot Ion: 76 Resp: 21650

Ion Ratio Lower Upper

76 100

78 6.9 6.6 9.8



#18

Methyl Acetate

Concen: 10.255 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000052.D

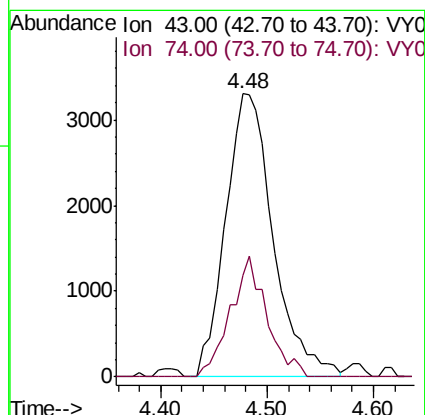
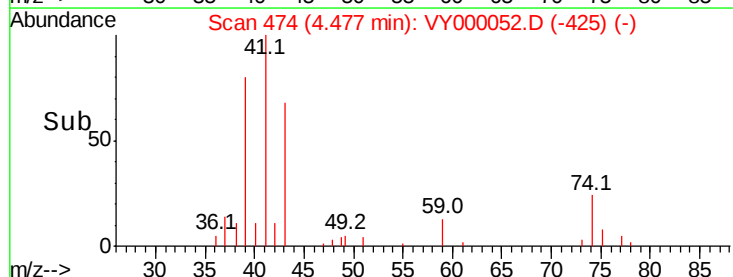
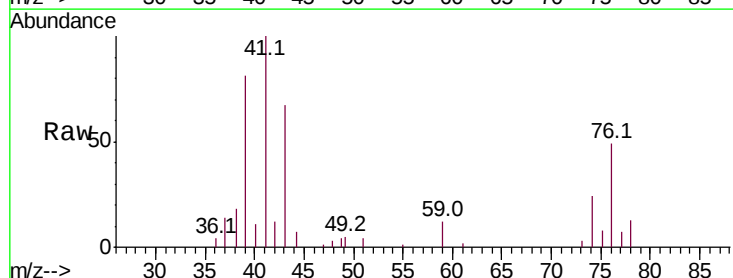
Acq: 17 Sep 2019 10:57

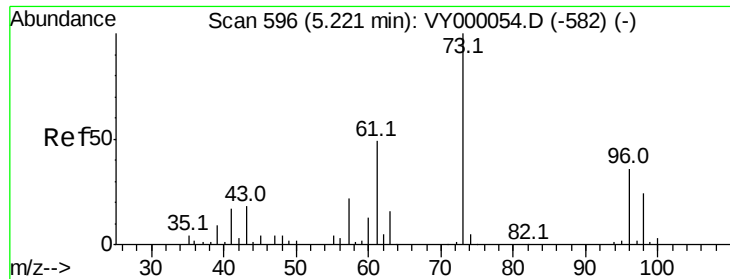
Tgt Ion: 43 Resp: 10324

Ion Ratio Lower Upper

43 100

74 32.6 24.1 36.1



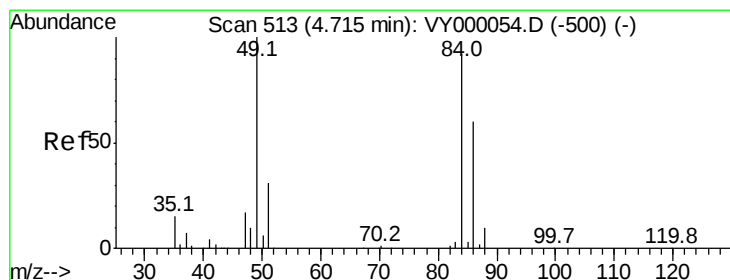
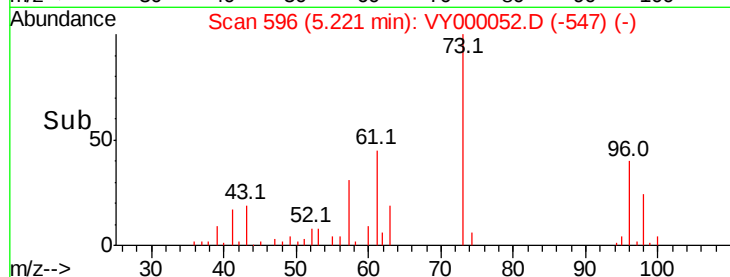
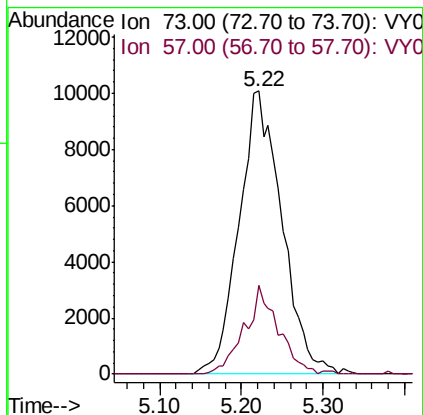
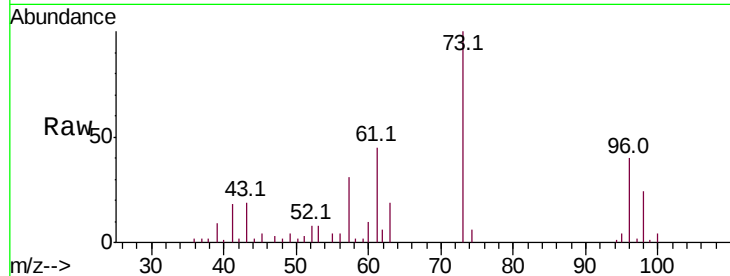


#19

Methyl tert-butyl Ether
 Concen: 10.829 ug/l
 RT: 5.22 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

Instrument :
 MSVOA_Y
 ClientSampled :

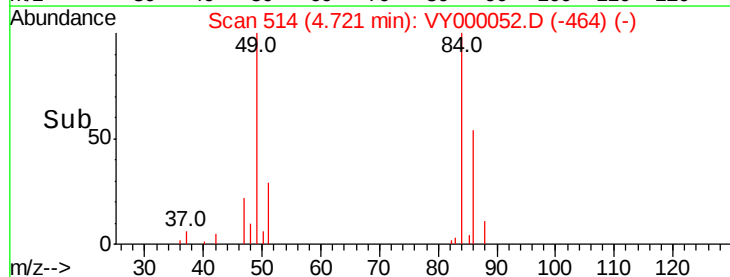
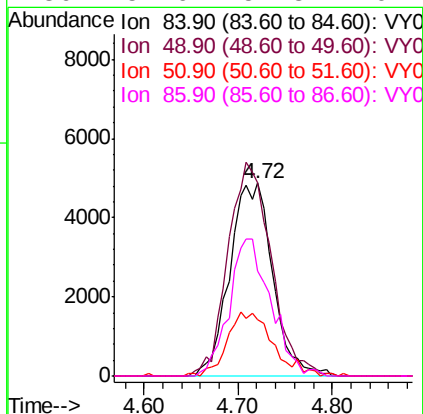
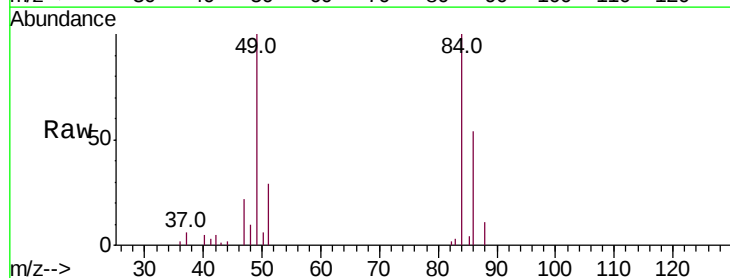
Tot Ion: 73 Resp: 36646
 Ion Ratio Lower Upper
 73 100
 57 31.5 17.5 26.3#

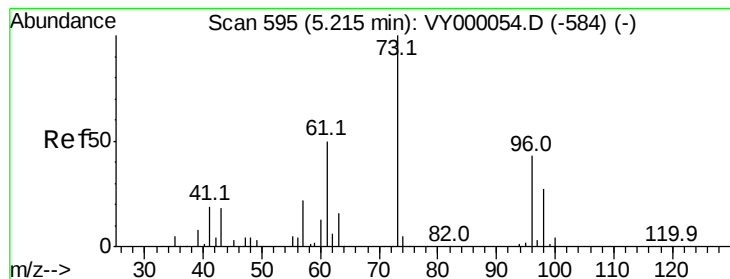


#20

Methylene Chloride
 Concen: 10.742 ug/l
 RT: 4.72 min Scan# 514
 Delta R.T. 0.01 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

Tgt Ion: 84 Resp: 15418
 Ion Ratio Lower Upper
 84 100
 49 100.2 87.4 131.0
 51 29.2 27.2 40.8
 86 54.6 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 10.023 ug/l

RT: 5.22 min Scan# 596

Delta R.T. 0.01 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

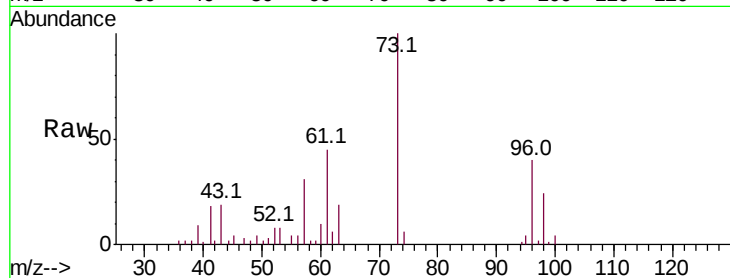
Tot Ion: 96 Resp: 12314

Ion Ratio Lower Upper

96 100

61 112.4 94.0 141.0

98 60.5 50.3 75.5

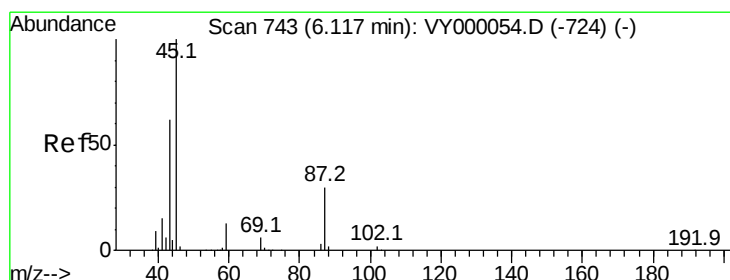
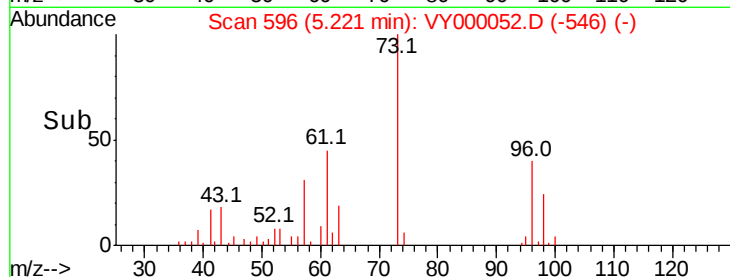
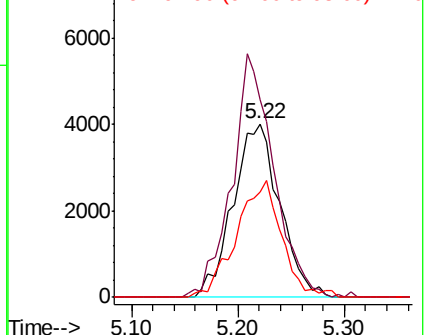


Abundance

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: 10.308 ug/l

RT: 6.12 min Scan# 743

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Tgt Ion: 45 Resp: 39211

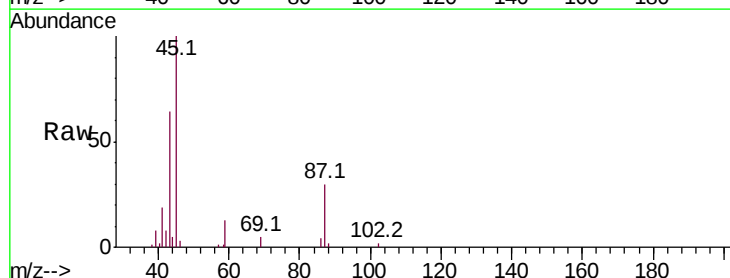
Ion Ratio Lower Upper

45 100

43 63.0 49.9 74.9

87 30.2 25.0 37.4

59 13.0 10.4 15.6



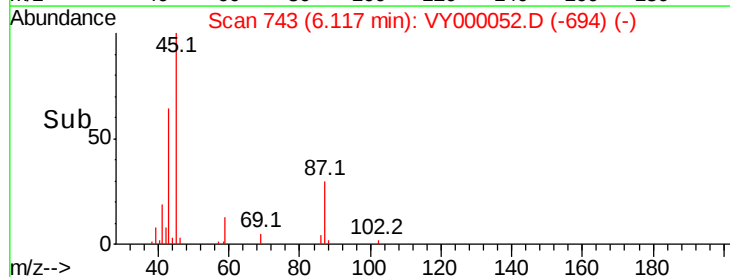
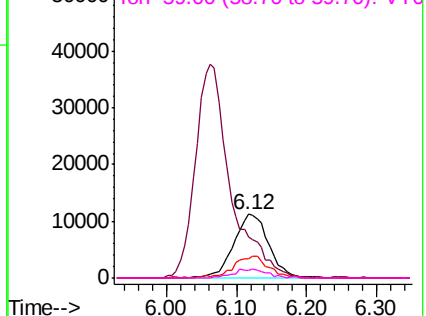
Abundance

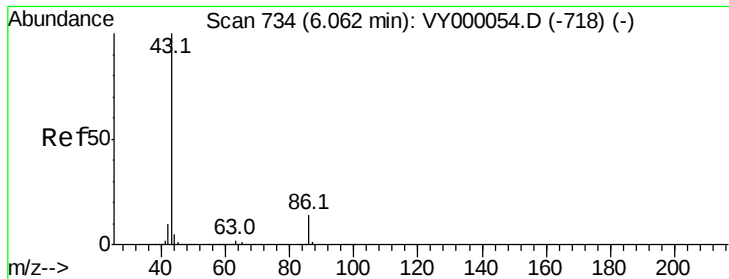
Ion 45.00 (44.70 to 45.70): VY0

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: 50.331 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

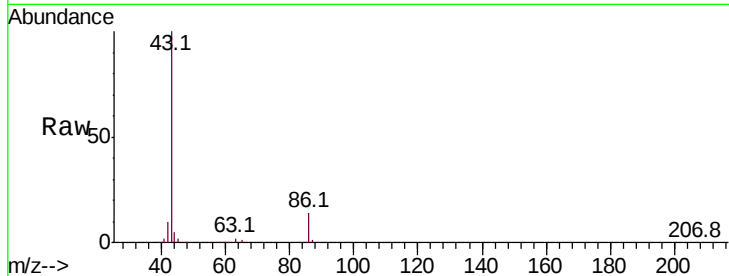
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 131880

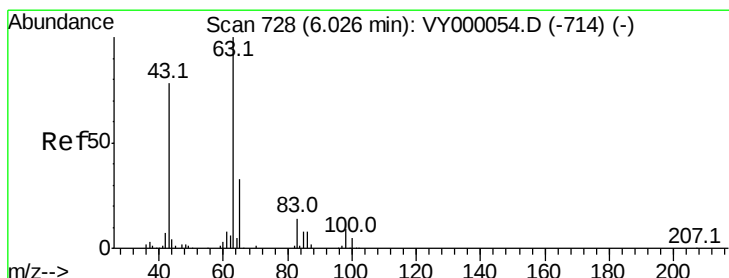
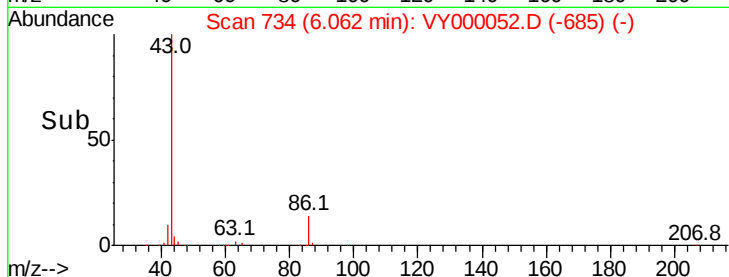
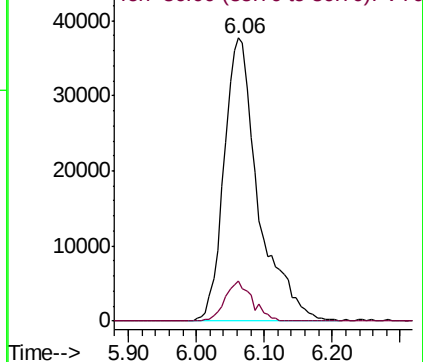
Ion Ratio Lower Upper

43 100

86 14.0 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: 10.250 ug/l

RT: 6.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

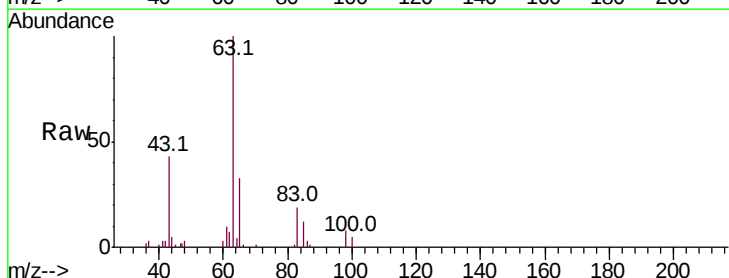
Tgt Ion: 63 Resp: 23159

Ion Ratio Lower Upper

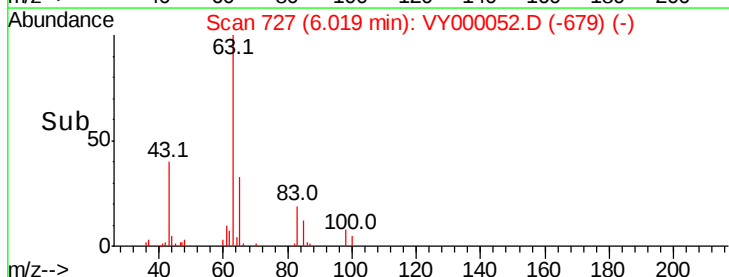
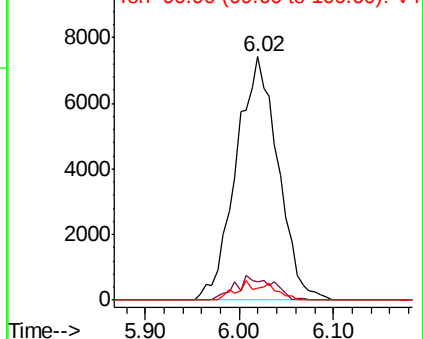
63 100

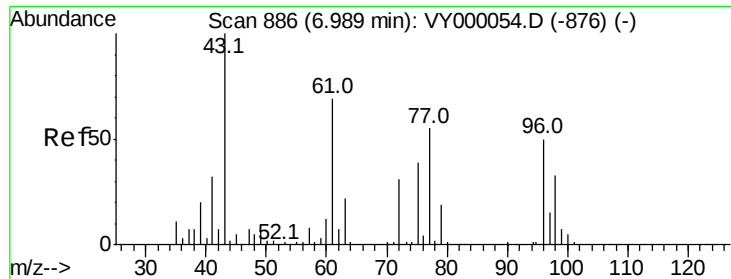
98 7.6 4.5 13.5

100 5.0 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: 48.313 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

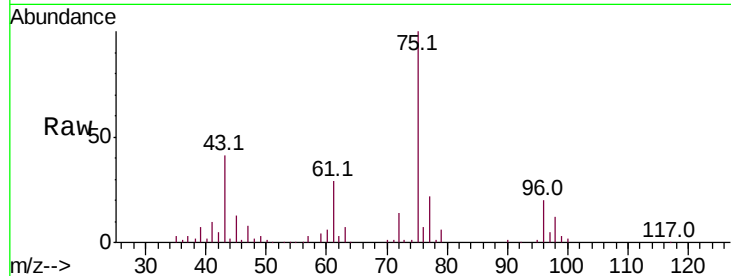
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 27914

Ion Ratio Lower Upper

43 100

72 34.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

12000

10000

8000

6000

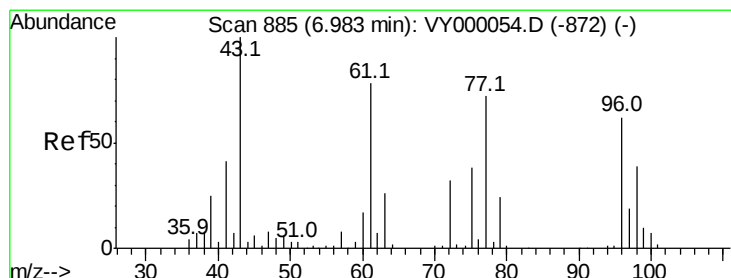
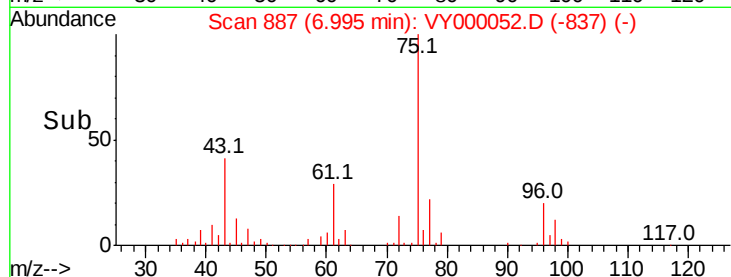
4000

2000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 11.143 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000052.D

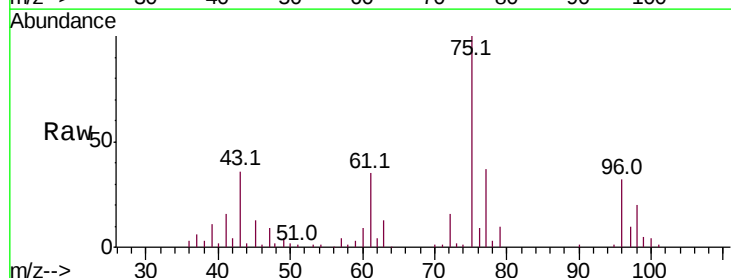
Acq: 17 Sep 2019 10:57

Tgt Ion: 77 Resp: 23234

Ion Ratio Lower Upper

77 100

97 23.0 12.5 37.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

8000

6000

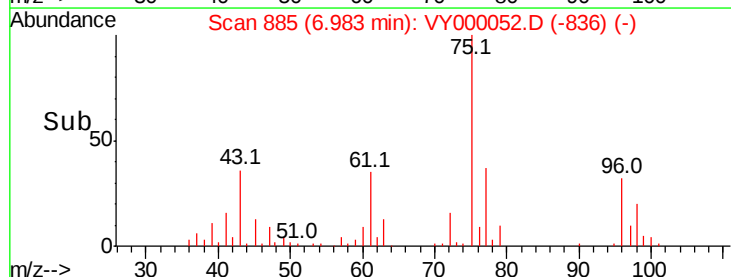
4000

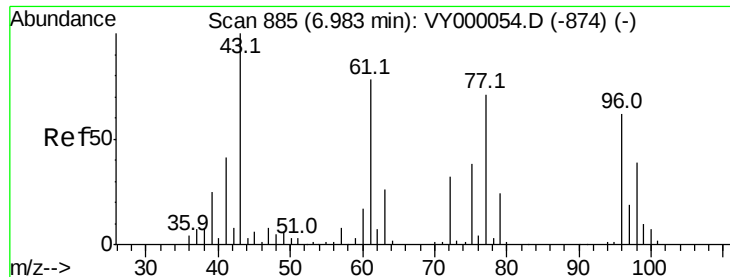
2000

0

6.90 7.00 7.10

Time-->



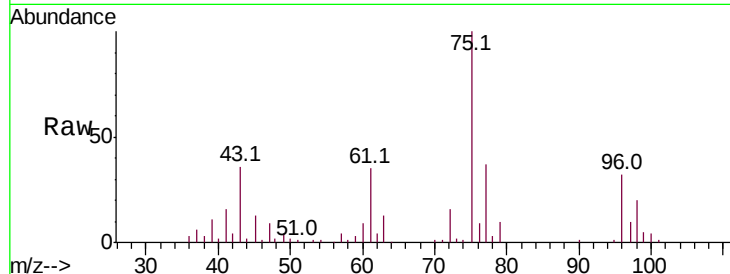


#27

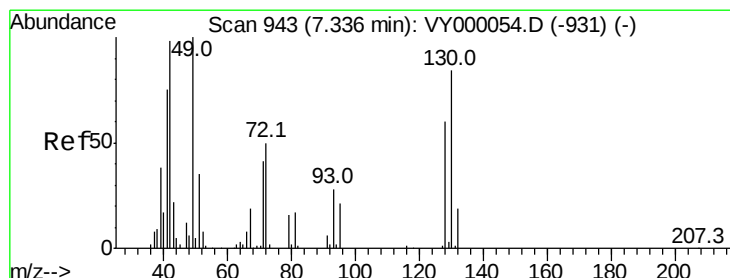
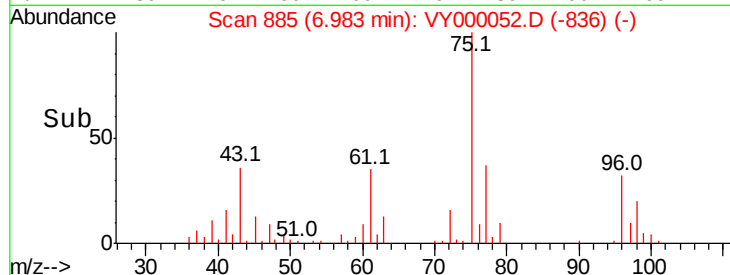
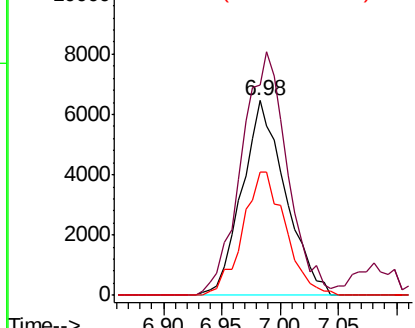
cis-1,2-Dichloroethene
Concen: 10.900 ug/l
RT: 6.98 min Scan# 885
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 16824
Ion Ratio Lower Upper
96 100
61 131.9 0.0 263.0
98 62.3 0.0 130.2



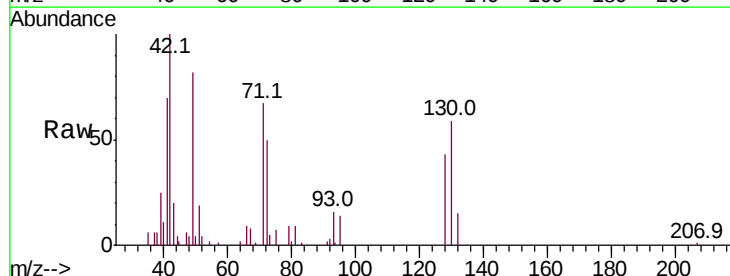
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



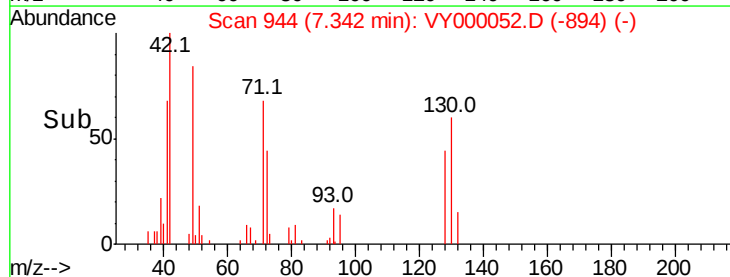
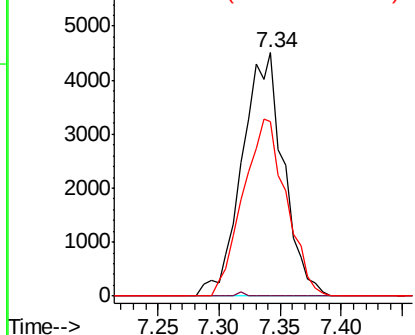
#28

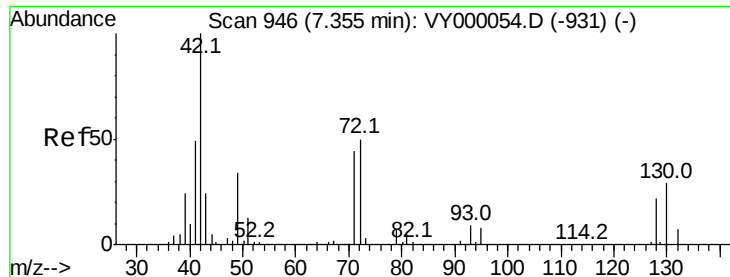
Bromochloromethane
Concen: 10.439 ug/l
RT: 7.34 min Scan# 944
Delta R.T. 0.01 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

Tgt Ion: 49 Resp: 10617
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 76.3 66.2 99.4



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

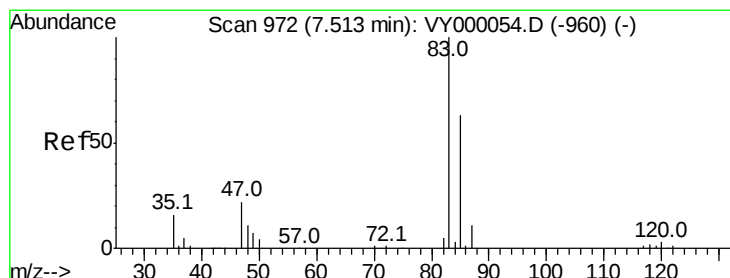
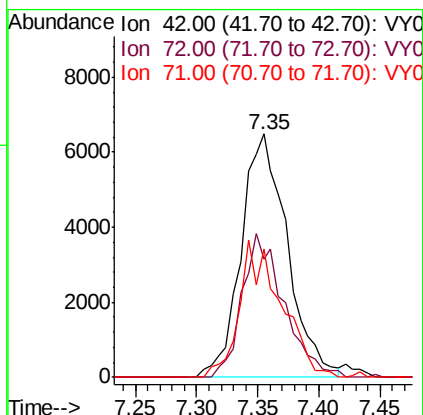
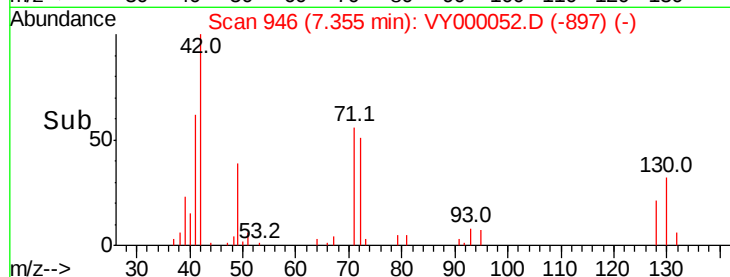
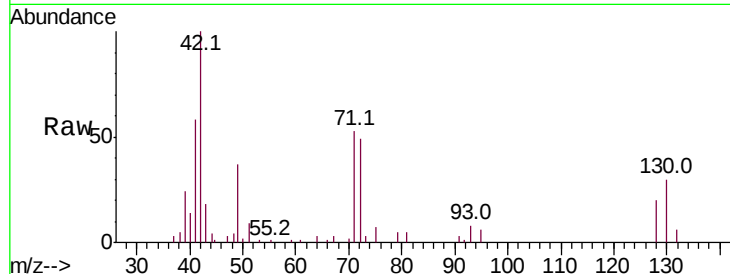




#29
Tetrahydrofuran
Concen: 49.269 ug/l
RT: 7.35 min Scan# 946
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

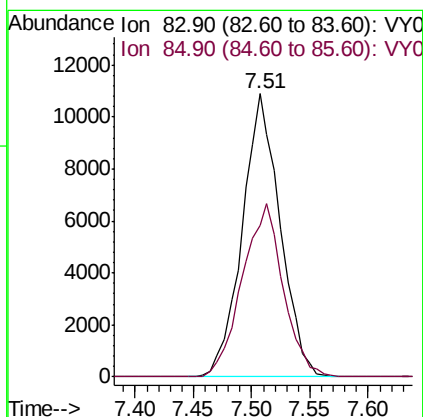
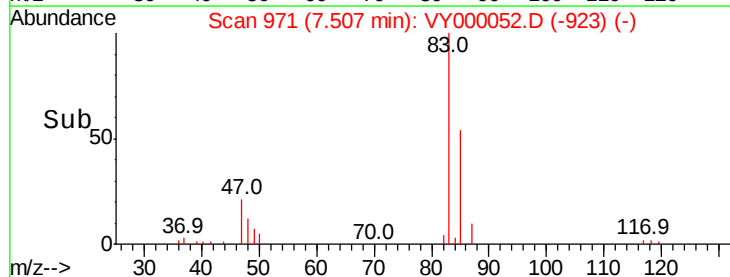
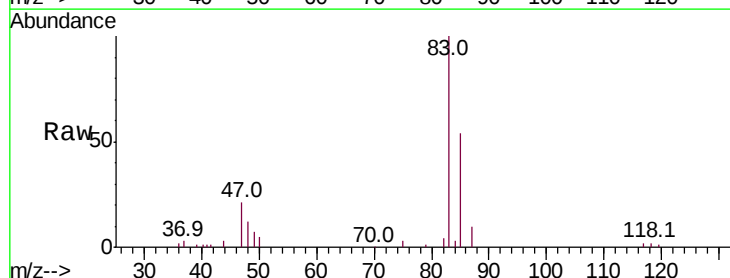
Instrument :
MSVOA_Y
ClientSampleId :

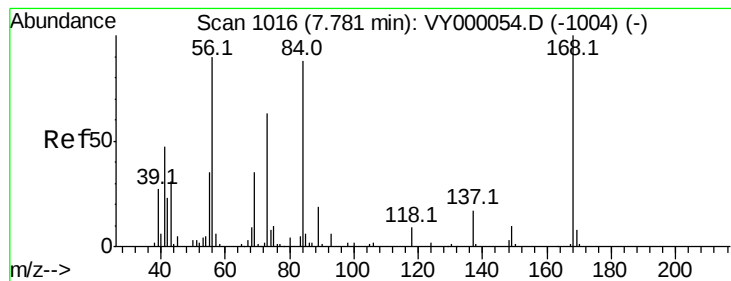
Tot Ion: 42 Resp: 16985
Ion Ratio Lower Upper
42 100
72 53.6 41.8 62.6
71 50.8 38.6 58.0



#30
Chloroform
Concen: 10.529 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

Tgt Ion: 83 Resp: 24587
Ion Ratio Lower Upper
83 100
85 53.7 50.6 76.0





#31

Cyclohexane

Concen: 10.838 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :
MSVOA_Y
ClientSampled :

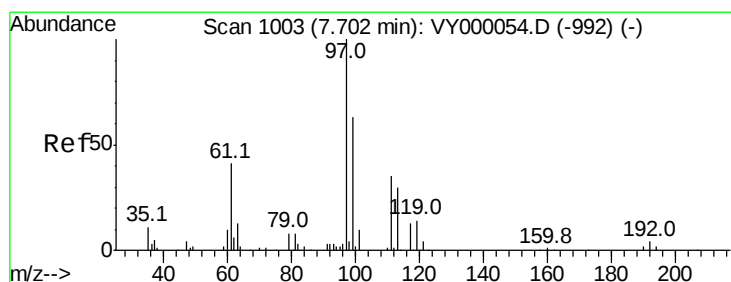
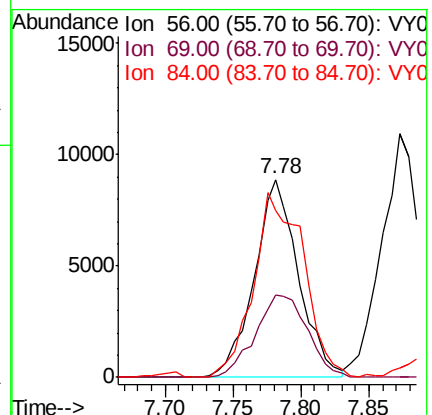
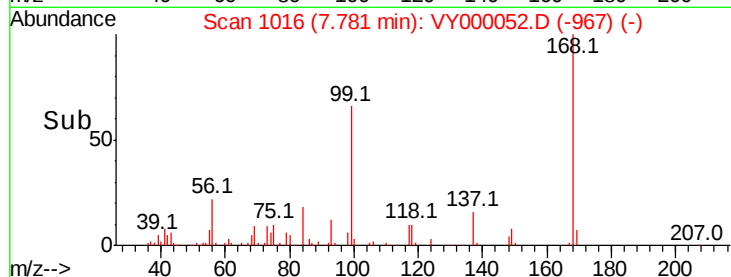
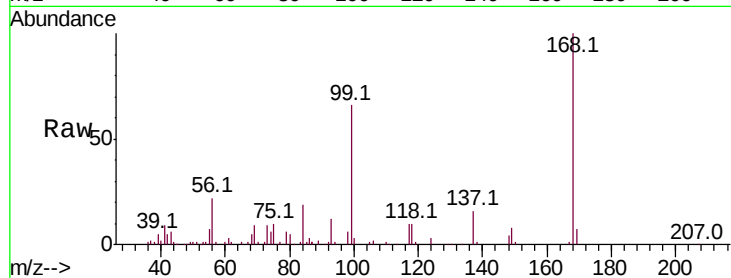
Tot Ion: 56 Resp: 20164

Ion Ratio Lower Upper

56 100

69 41.6 30.9 46.3

84 84.4 78.5 117.7



#32

1,1,1-Trichloroethane

Concen: 10.488 ug/l

RT: 7.70 min Scan# 1002

Delta R.T. -0.01 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

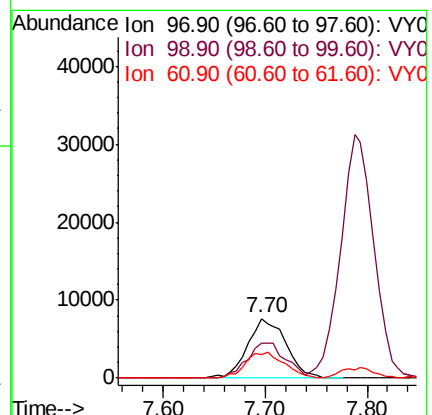
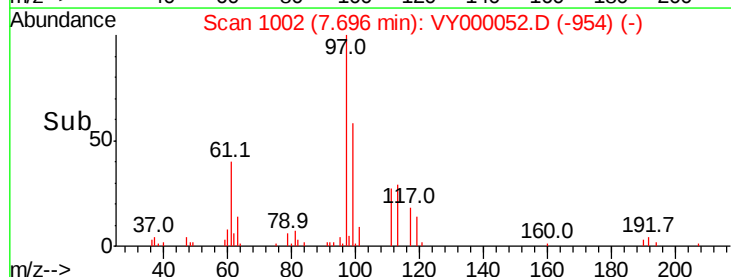
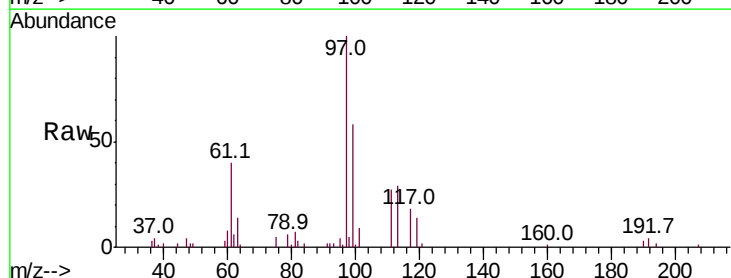
Tgt Ion: 97 Resp: 19927

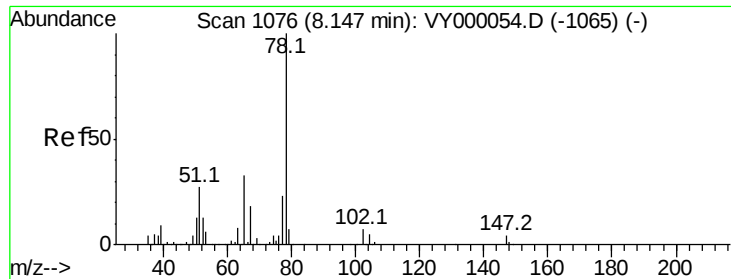
Ion Ratio Lower Upper

97 100

99 59.3 51.8 77.6

61 44.2 34.3 51.5

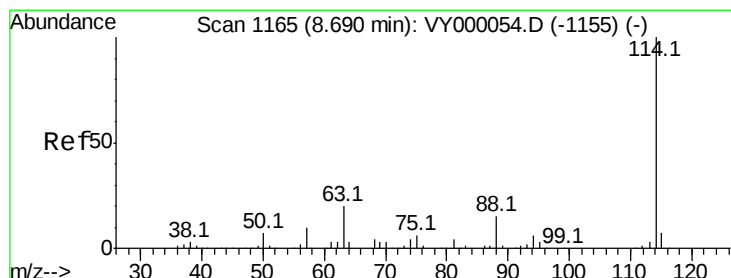
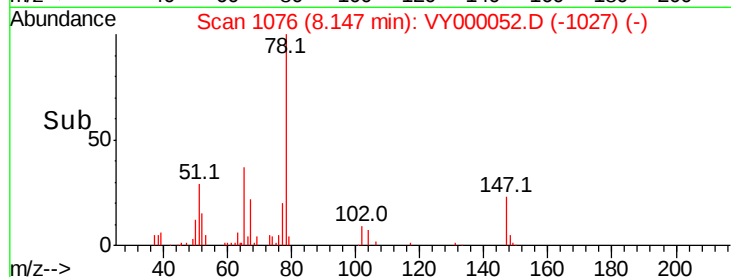
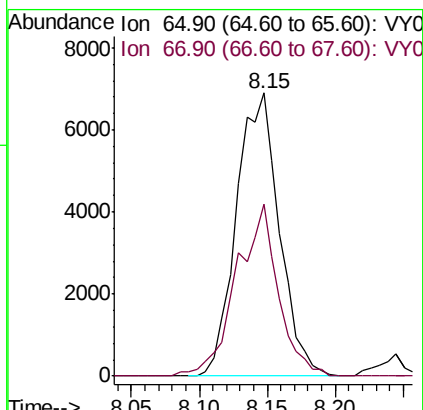
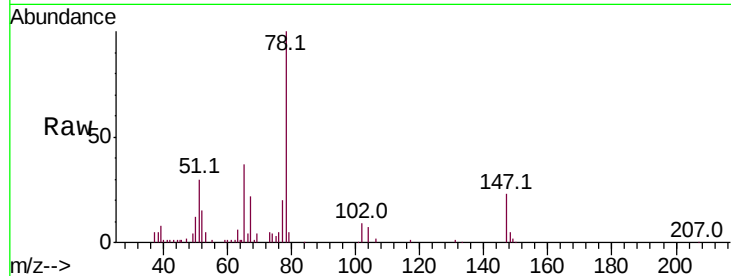




#33
 1,2-Dichloroethane-d4
 Concen: 11.974 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

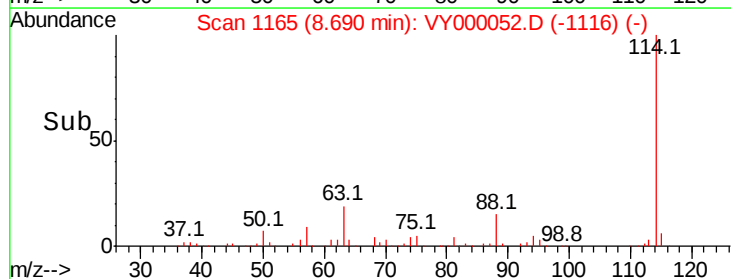
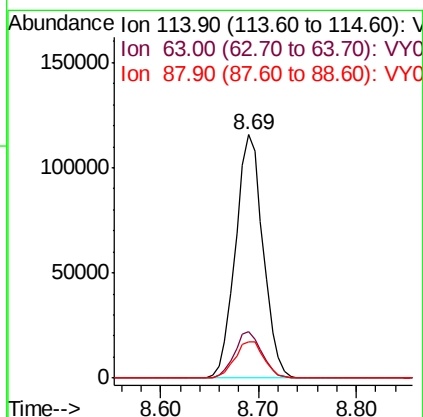
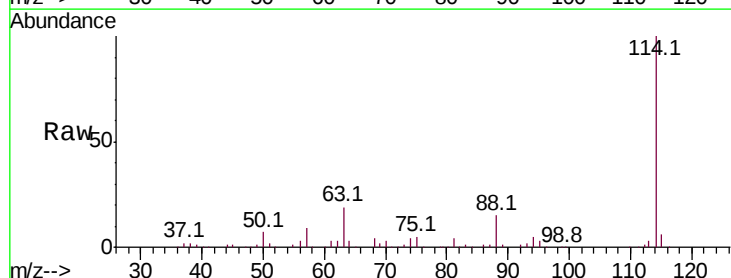
Instrument :
 MSVOA_Y
 ClientSampleId :

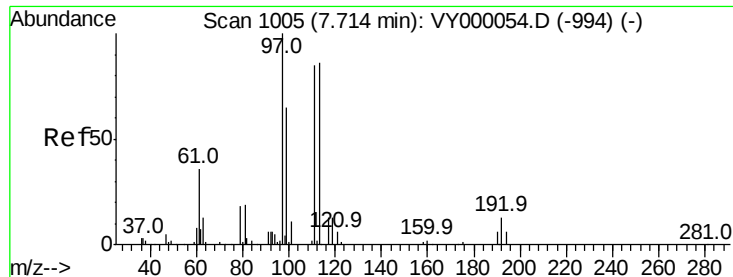
Tot Ion: 65 Resp: 15196
 Ion Ratio Lower Upper
 65 100
 67 59.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

Tgt Ion: 114 Resp: 225757
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.4
 88 14.7 0.0 30.2

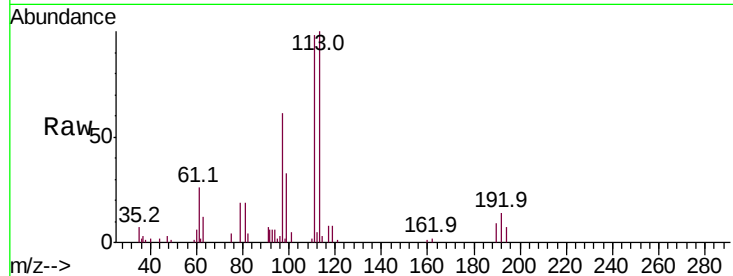




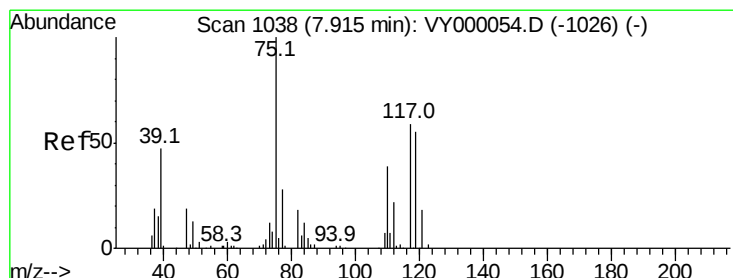
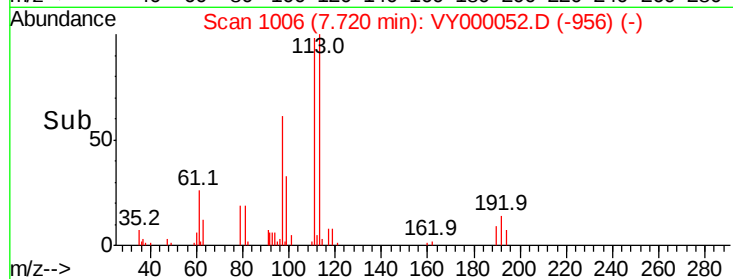
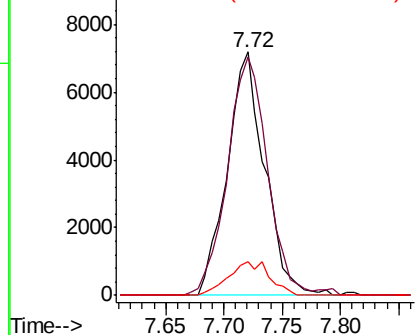
#35
 Dibromofluoromethane
 Concen: 12.346 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 16048
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.7 122.5
 192 15.2 13.4 20.2

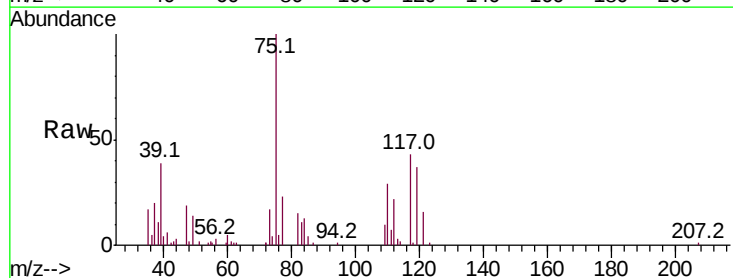


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

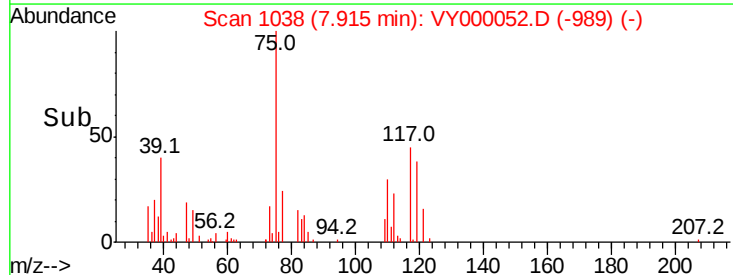
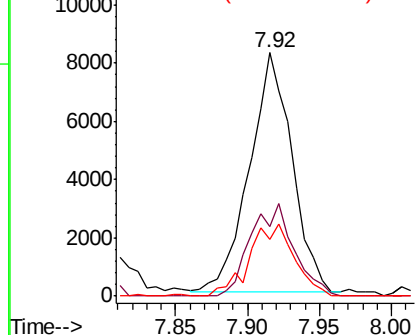


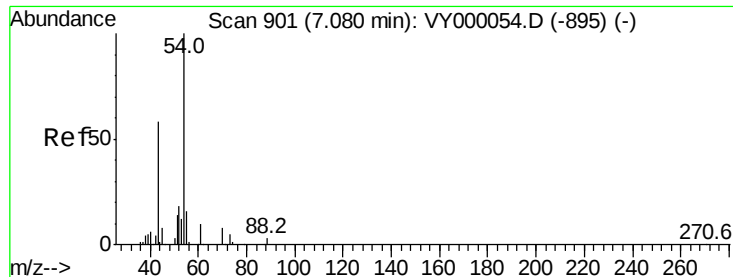
#36
 1,1-Dichloropropene
 Concen: 10.060 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

Tgt Ion: 75 Resp: 16829
 Ion Ratio Lower Upper
 75 100
 110 39.5 19.6 58.7
 77 31.7 24.3 36.5



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





#37

Ethyl Acetate

Concen: 10.370 ug/l

RT: 7.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

ClientSampled :

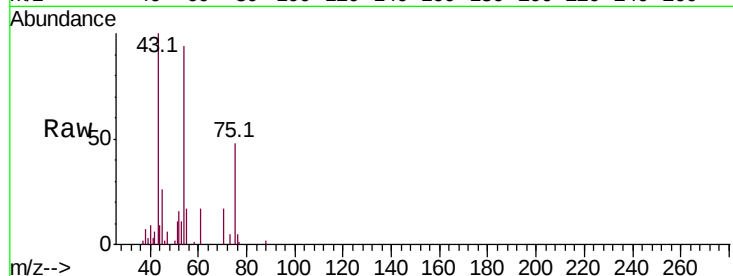
Tot Ion: 43 Resp: 11743

Ion Ratio Lower Upper

43 100

61 21.9 14.1 21.1#

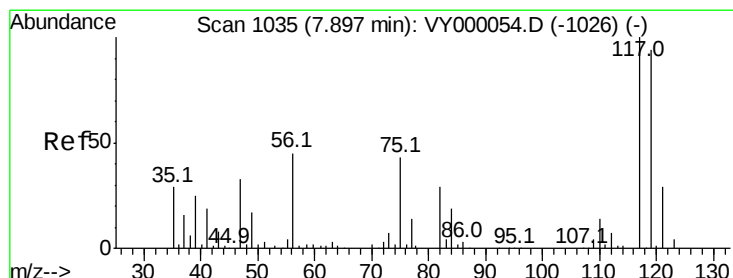
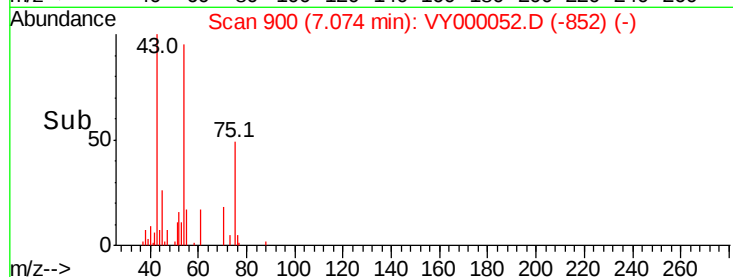
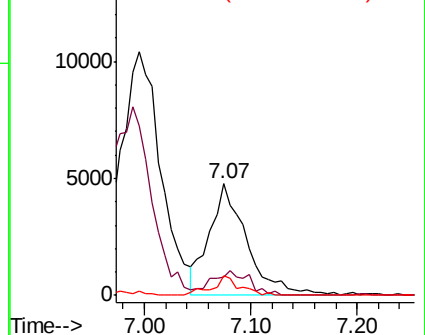
70 12.5 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 70.00 (69.70 to 70.70): VY0



#38

Carbon Tetrachloride

Concen: 9.539 ug/l

RT: 7.90 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

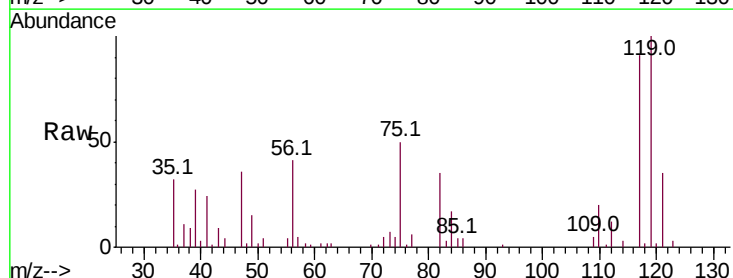
Tgt Ion: 117 Resp: 15083

Ion Ratio Lower Upper

117 100

119 110.3 75.0 112.6

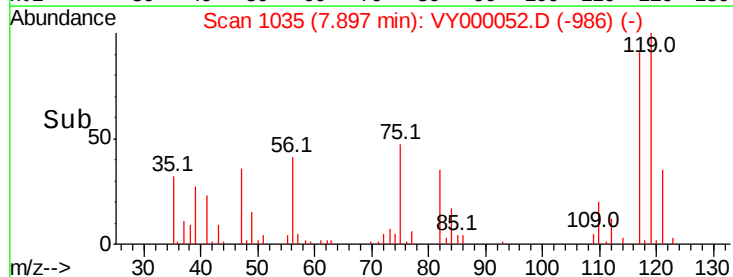
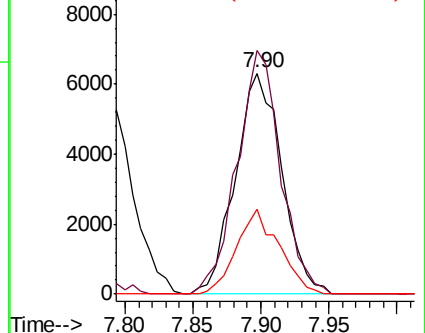
121 38.5 22.8 34.2#

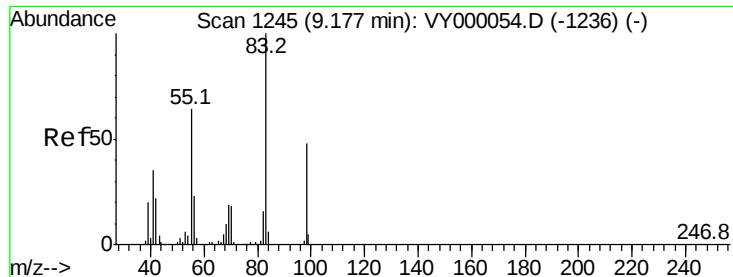


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

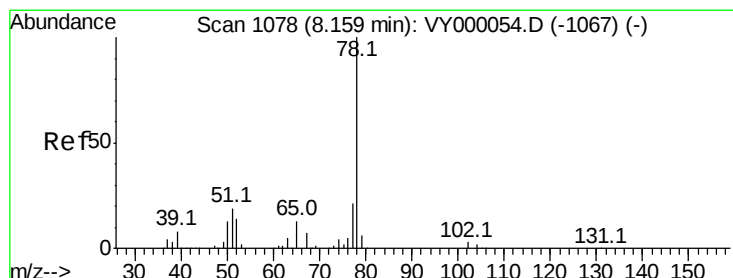
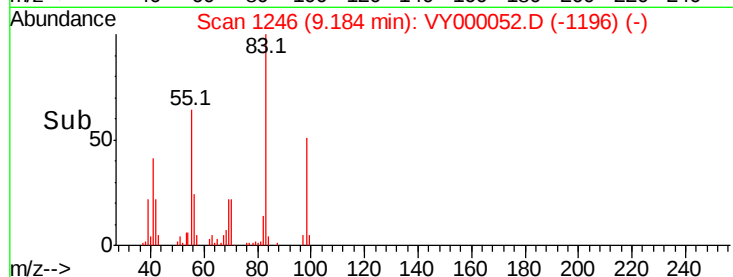
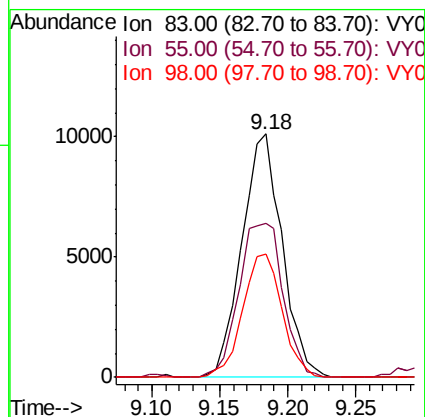
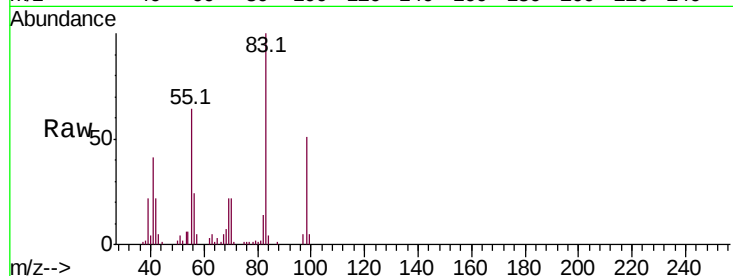




#39
Methvlcvclohexane
Concen: 10.096 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

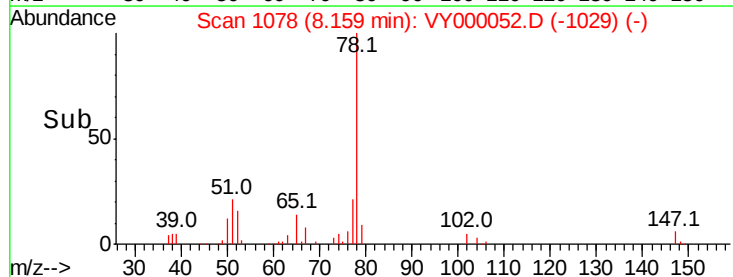
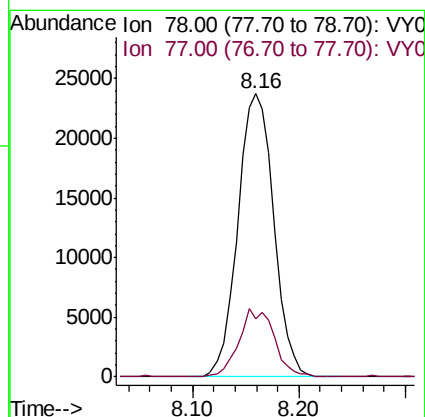
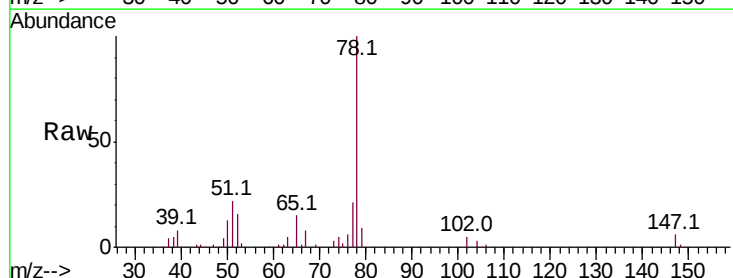
Instrument :
MSVOA_Y
ClientSampleId :

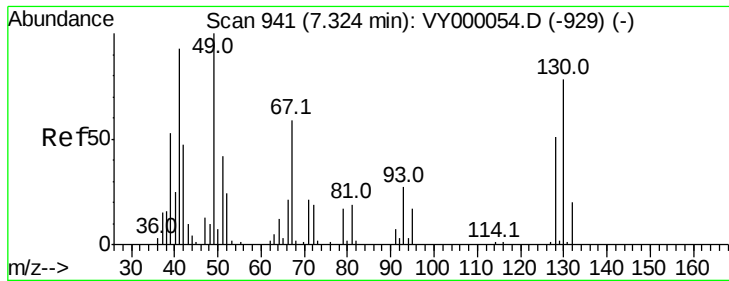
Tot Ion: 83 Resp: 20947
Ion Ratio Lower Upper
83 100
55 63.5 51.0 76.6
98 50.6 38.5 57.7



#40
Benzene
Concen: 10.237 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

Tgt Ion: 78 Resp: 56136
Ion Ratio Lower Upper
78 100
77 20.7 16.8 25.2

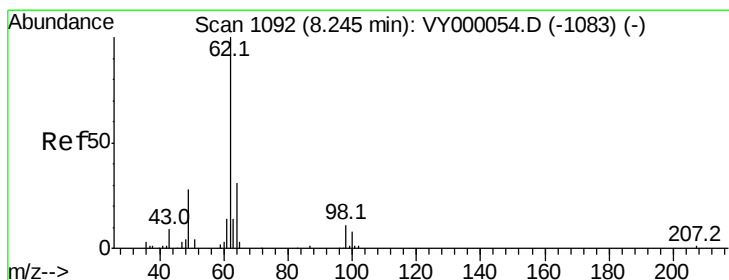
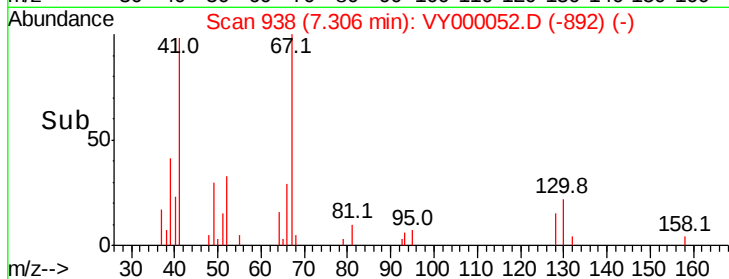
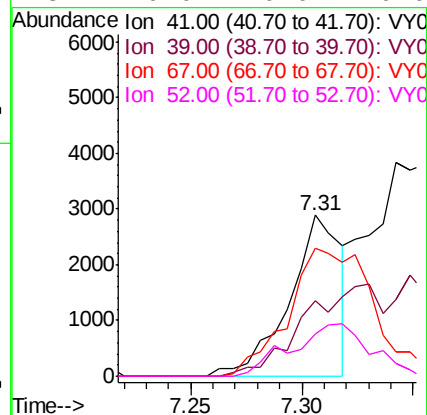
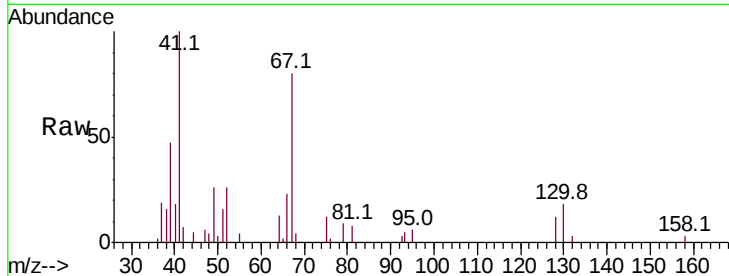




#41
Methacrylonitrile
Concen: 7.196 ug/l
RT: 7.31 min Scan# 938
Delta R.T. -0.02 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

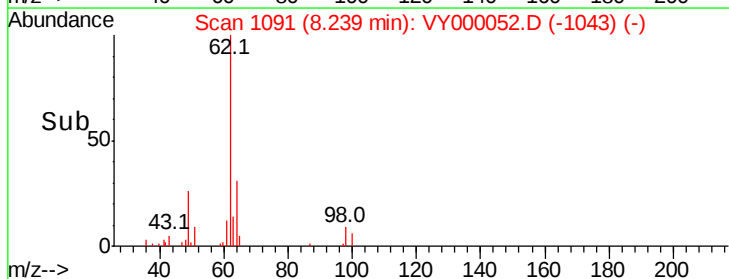
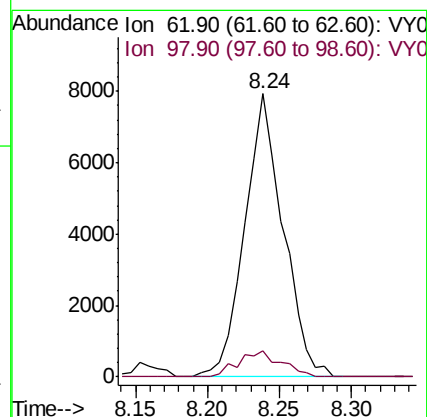
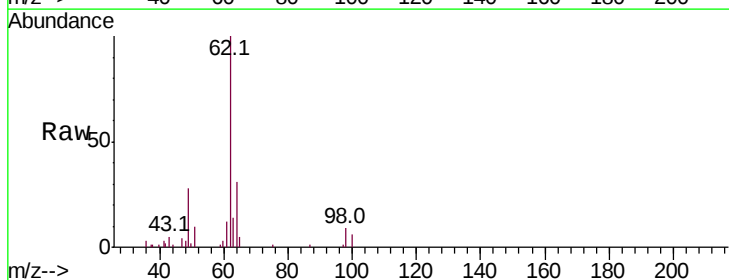
Instrument :
MSVOA_Y
ClientSampled :

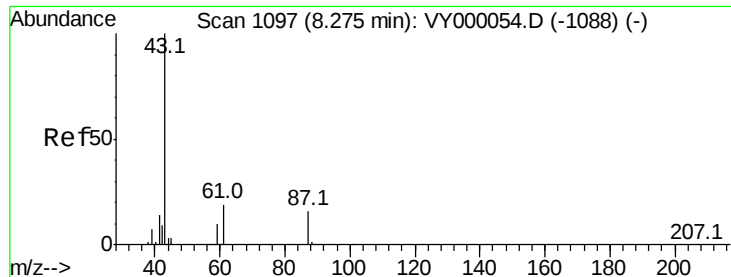
Tot Ion: 41 Resp: 4701
Ion Ratio Lower Upper
41 100
39 0.0 91.8 137.6#
67 129.1 0.0 0.0#
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 10.403 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

Tgt Ion: 62 Resp: 14639
Ion Ratio Lower Upper
62 100
98 10.4 0.0 23.6





#43

Isopropyl Acetate

Concen: 9.847 ug/l

RT: 8.28 min Scan# 1098

Delta R.T. 0.01 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

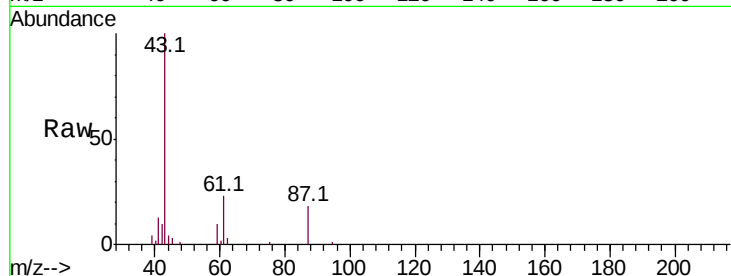
Tot Ion: 43 Resp: 21654

Ion Ratio Lower Upper

43 100

61 30.7 25.0 37.6

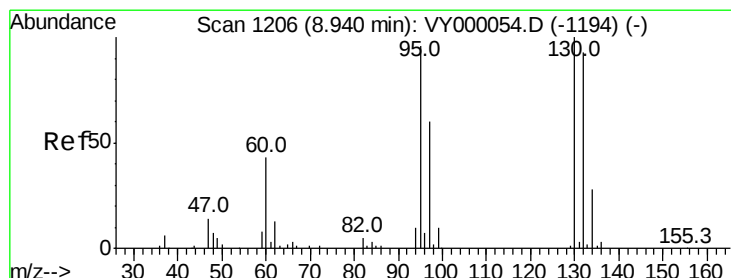
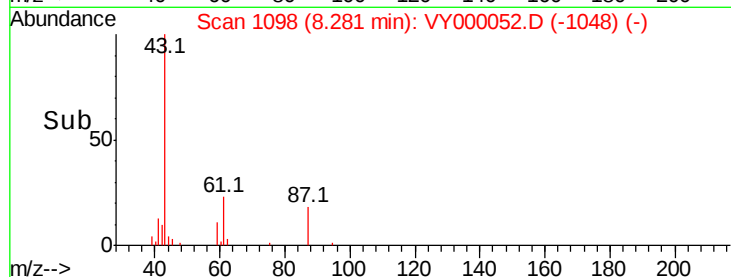
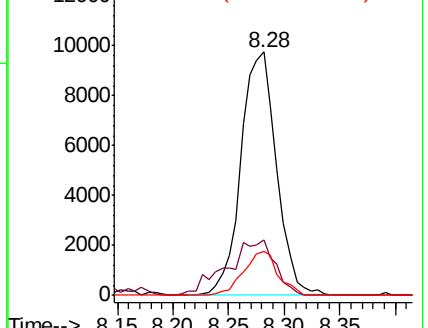
87 17.2 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY000054.D (-1088) (-)

Ion 61.00 (60.70 to 61.70): VY000054.D (-1088) (-)

Ion 87.00 (86.70 to 87.70): VY000054.D (-1088) (-)



#44

Trichloroethene

Concen: 10.117 ug/l

RT: 8.94 min Scan# 1206

Delta R.T. -0.00 min

Lab File: VY000052.D

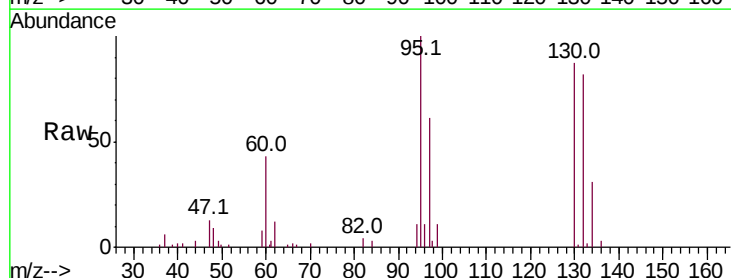
Acq: 17 Sep 2019 10:57

Tgt Ion:130 Resp: 13831

Ion Ratio Lower Upper

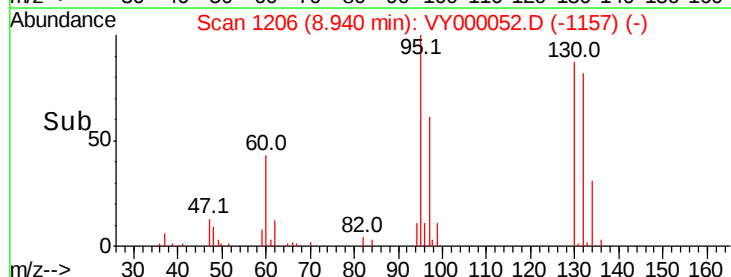
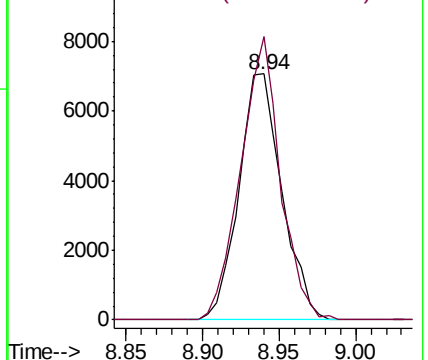
130 100

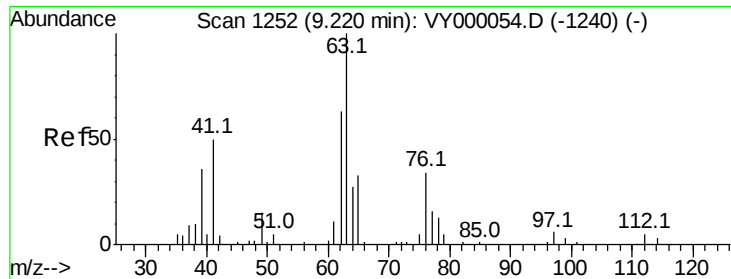
95 115.2 0.0 192.0



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

Ion 94.90 (94.60 to 95.60): VY000054.D (-1194) (-)





#45

1,2-Dichloropropane

Concen: 10.173 ug/l

RT: 9.22 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

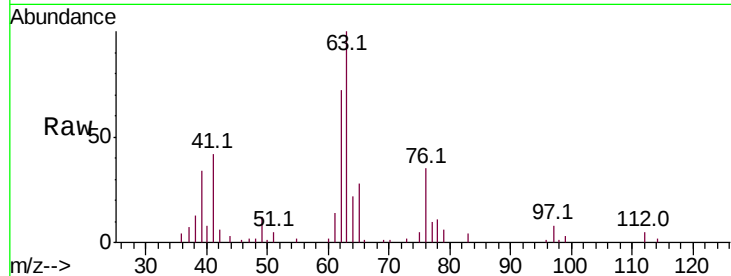
ClientSampleId :

Tot Ion: 63 Resp: 14353

Ion Ratio Lower Upper

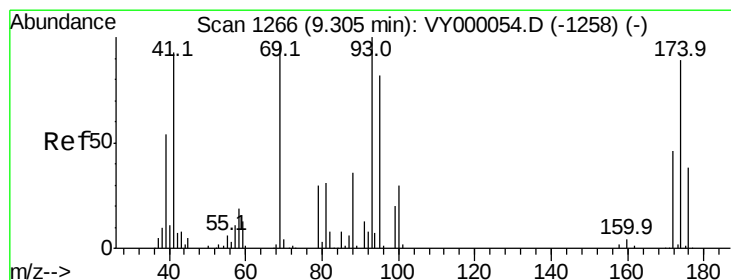
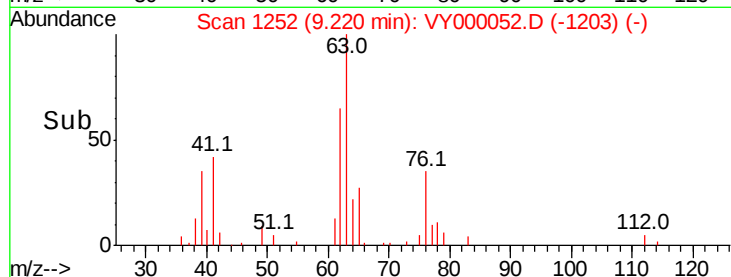
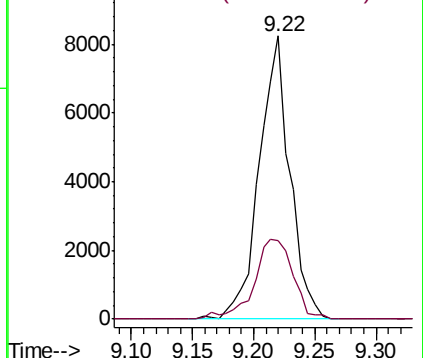
63 100

65 27.9 26.2 39.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 10.217 ug/l

RT: 9.30 min Scan# 1265

Delta R.T. -0.01 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

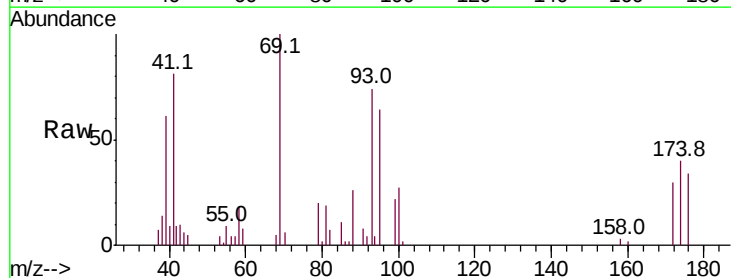
Tgt Ion: 93 Resp: 8011

Ion Ratio Lower Upper

93 100

95 78.2 68.1 102.1

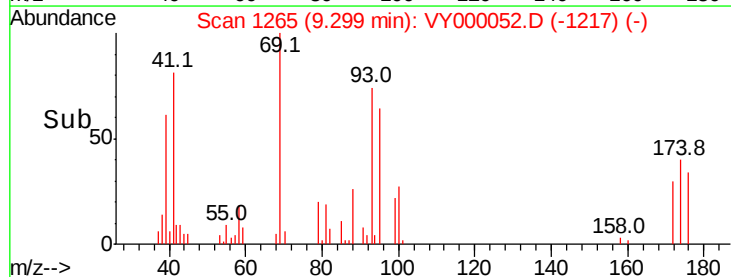
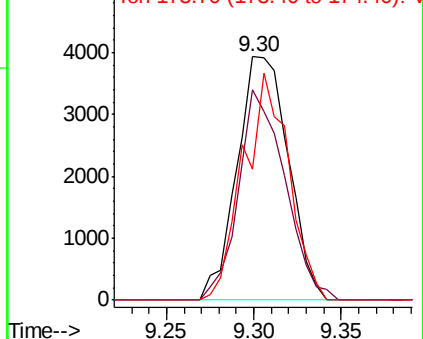
174 82.5 67.8 101.6

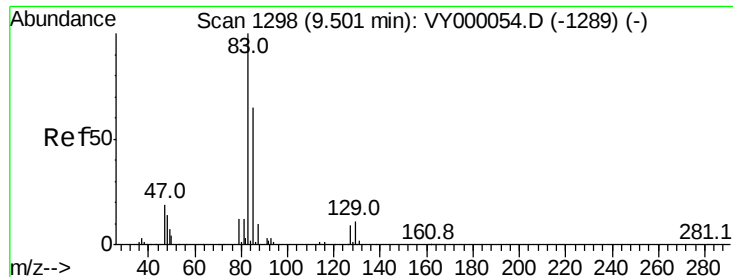


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 10.426 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. -0.01 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

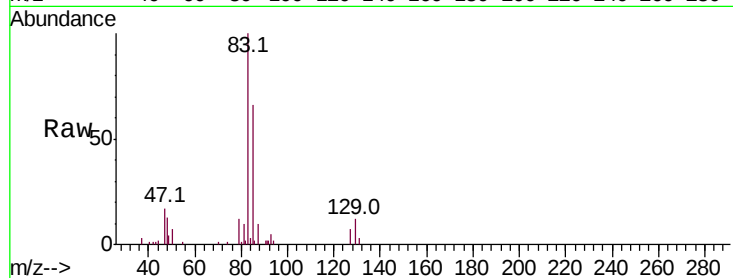
Tot Ion: 83 Resp: 19507

Ion Ratio Lower Upper

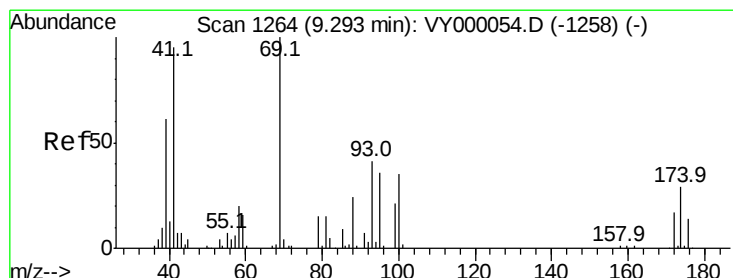
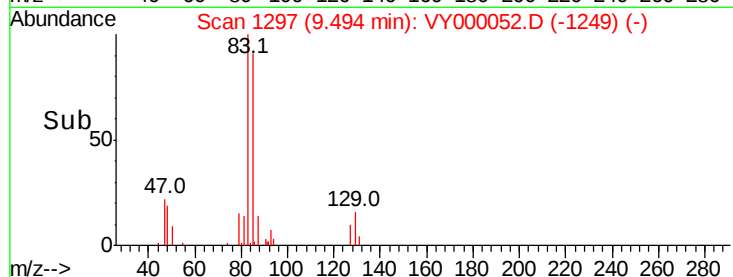
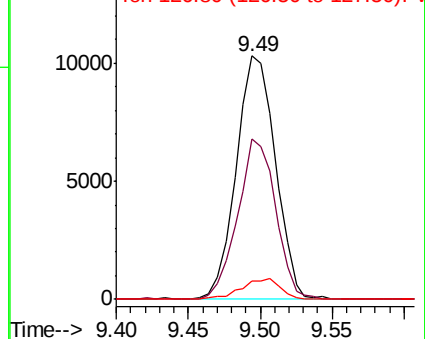
83 100

85 65.8 52.3 78.5

127 7.4 6.8 10.2



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



#48

Methyl methacrylate

Concen: 10.144 ug/l

RT: 9.29 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

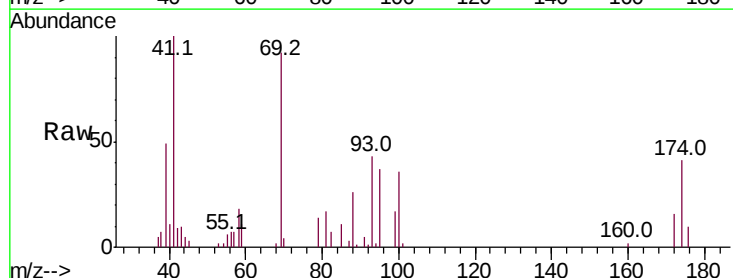
Tgt Ion: 41 Resp: 9871

Ion Ratio Lower Upper

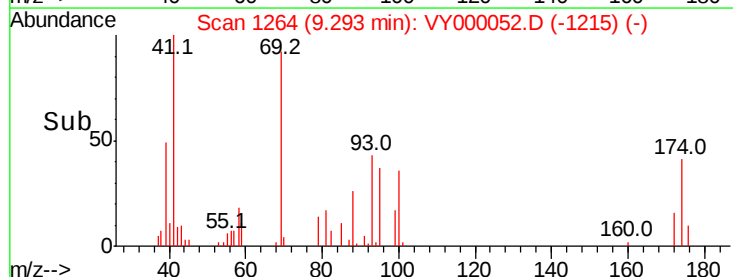
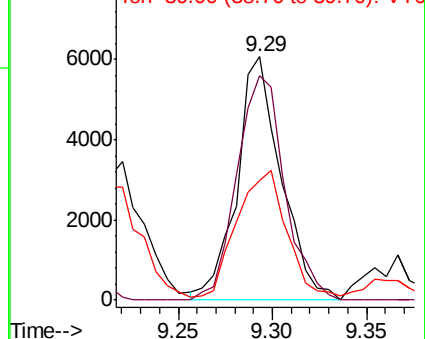
41 100

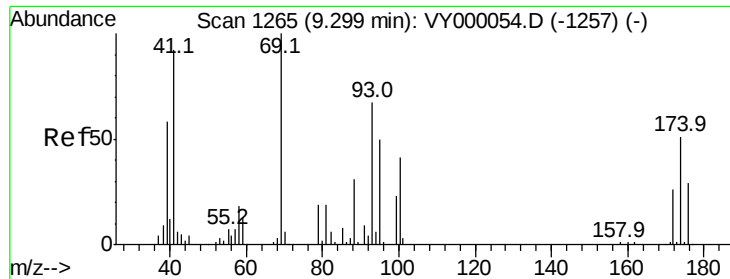
69 99.6 78.1 117.1

39 61.6 49.4 74.0



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

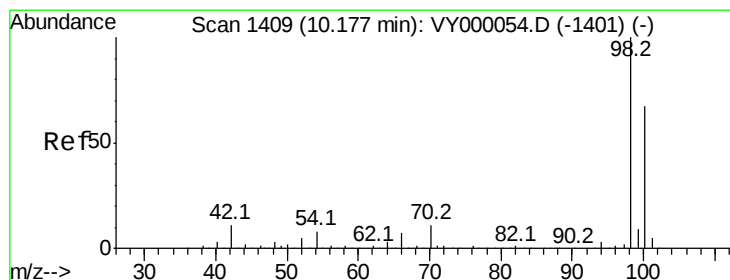
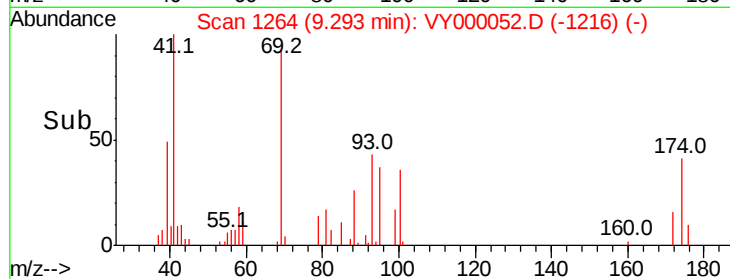
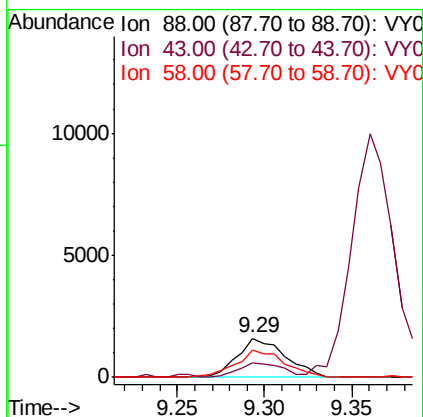
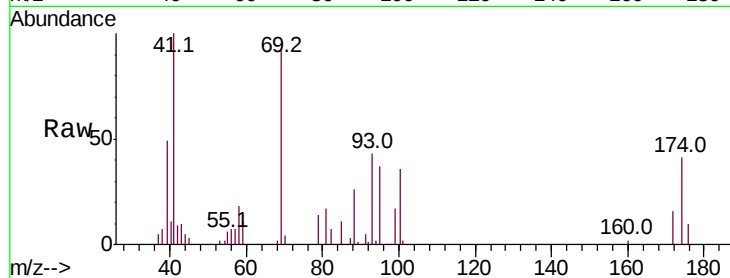




#49
1,4-Dioxane
Concen: 186.279 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

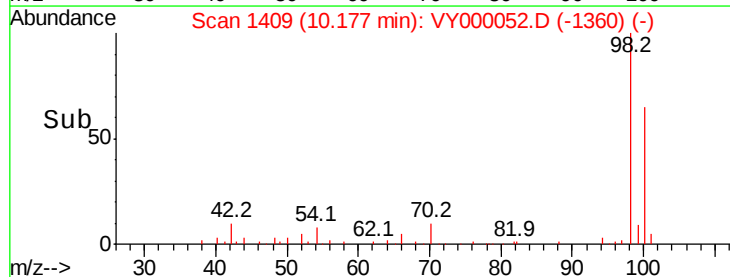
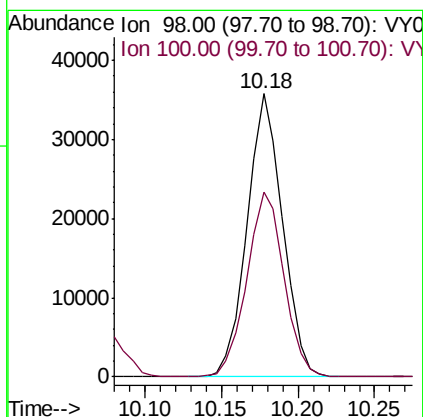
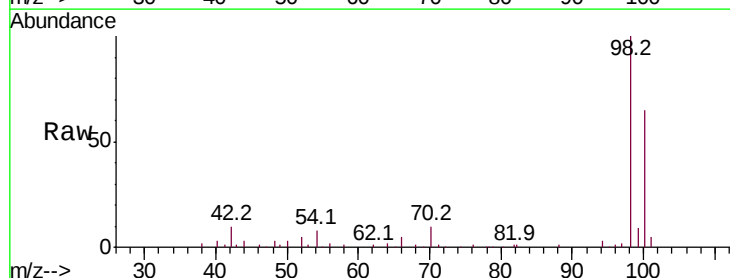
Instrument :
MSVOA_Y
ClientSampled :

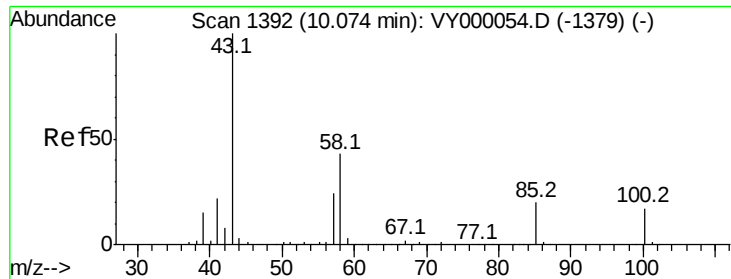
Tot Ion: 88 Resp: 3061
Ion Ratio Lower Upper
88 100
43 33.6 18.7 28.1#
58 69.4 53.0 79.6



#50
Toluene-d8
Concen: 11.077 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

Tgt Ion: 98 Resp: 57567
Ion Ratio Lower Upper
98 100
100 68.5 53.1 79.7

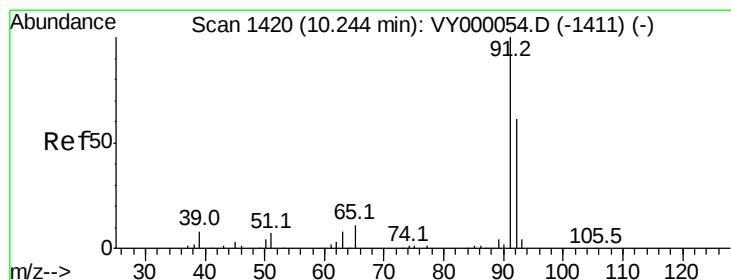
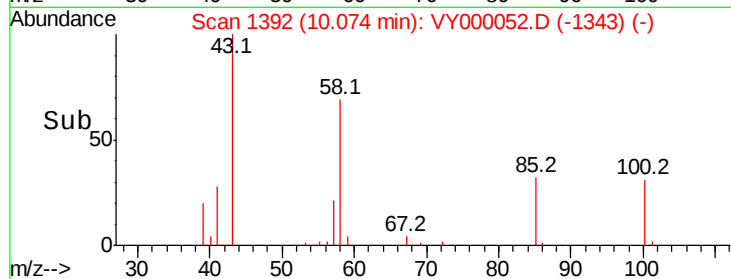
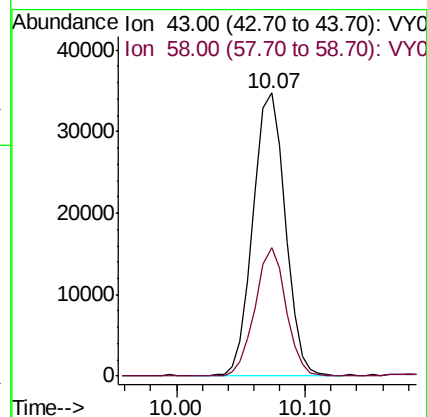
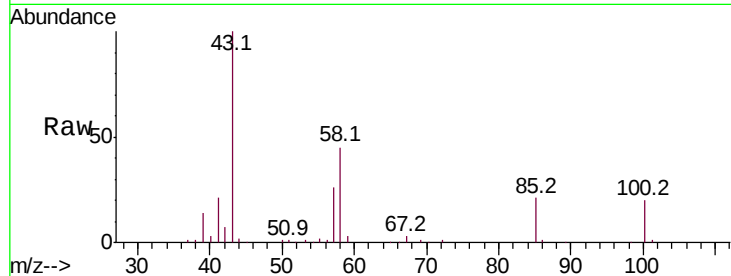




#51
4-Methyl-2-Pentanone
Concen: 49.065 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

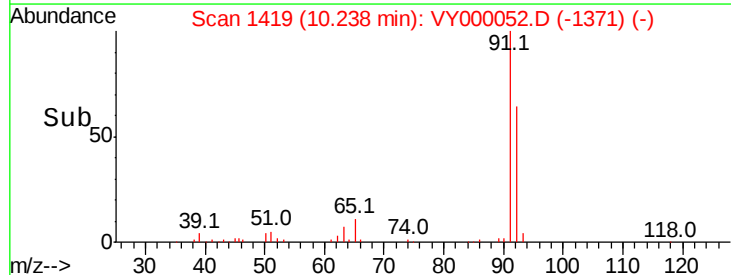
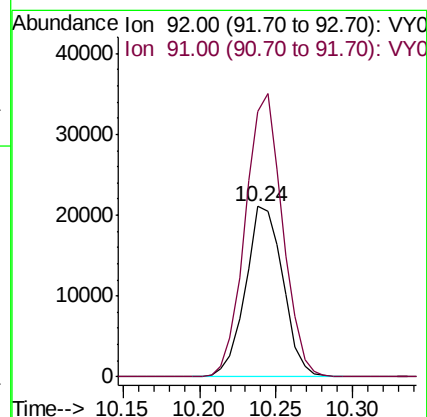
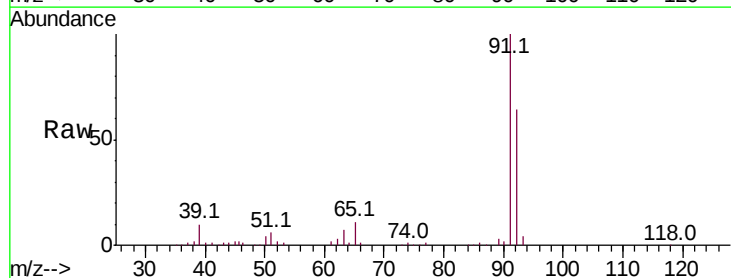
Instrument :
MSVOA_Y
ClientSampleId :

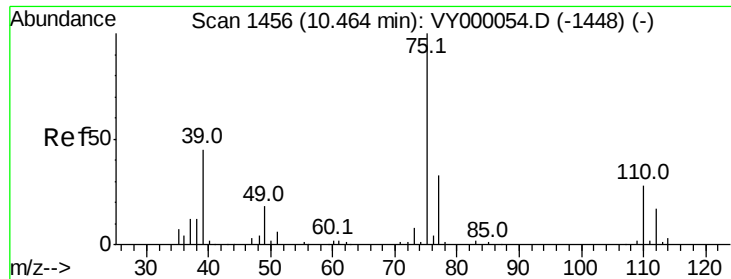
Tot Ion: 43 Resp: 60154
Ion Ratio Lower Upper
43 100
58 43.3 34.2 51.2



#52
Toluene
Concen: 10.410 ug/l
RT: 10.24 min Scan# 1419
Delta R.T. -0.01 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

Tgt Ion: 92 Resp: 35812
Ion Ratio Lower Upper
92 100
91 165.3 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 10.508 ug/l

RT: 10.47 min Scan# 1457

Delta R.T. 0.01 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

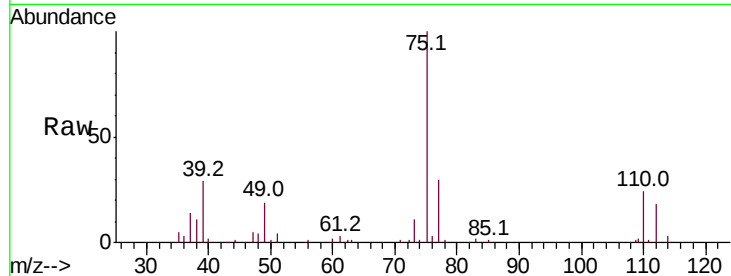
ClientSampled :

Tot Ion: 75 Resp: 20698

Ion Ratio Lower Upper

75 100

77 30.1 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

15000

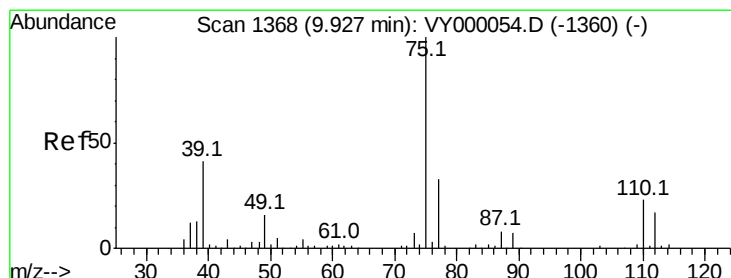
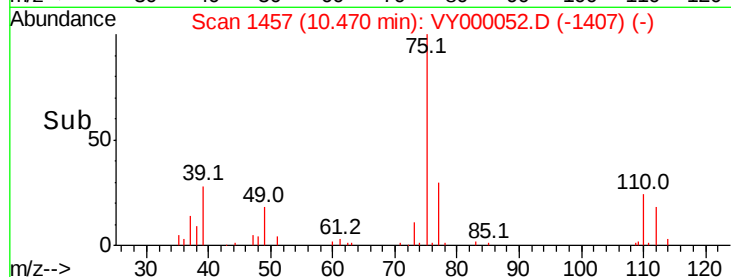
10.47

10000

5000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 10.296 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

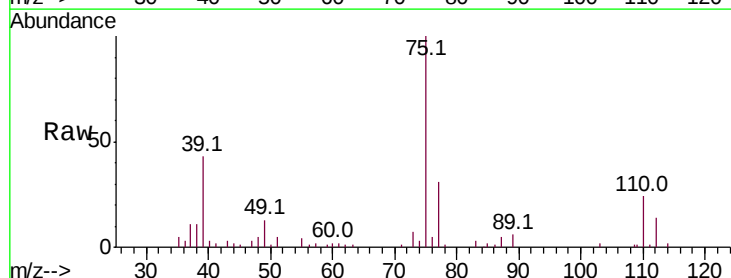
Tgt Ion: 75 Resp: 23662

Ion Ratio Lower Upper

75 100

77 31.2 26.1 39.1

39 42.6 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

20000

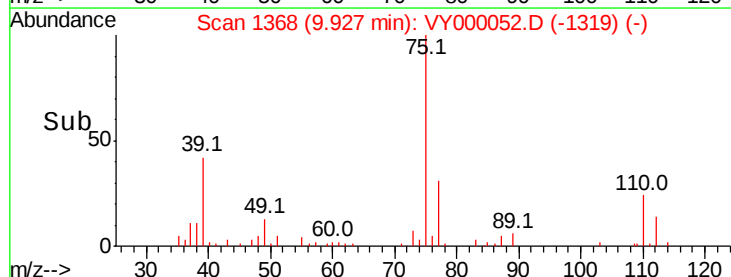
15000

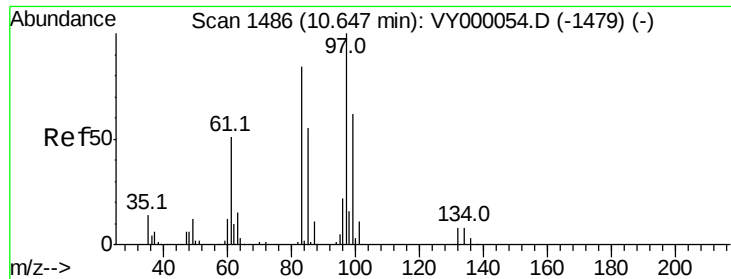
10000

5000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 9.678 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 12093

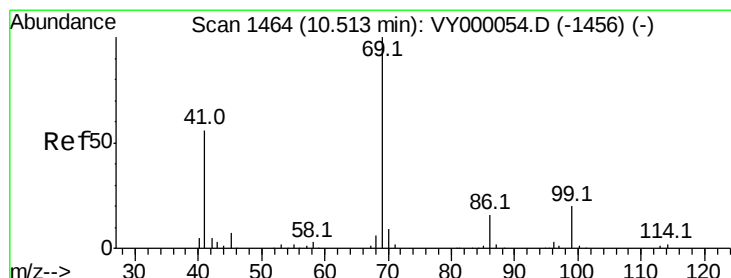
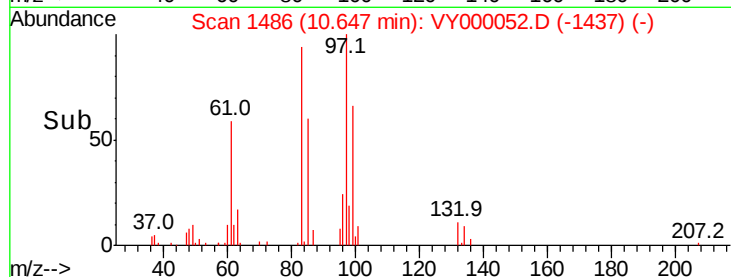
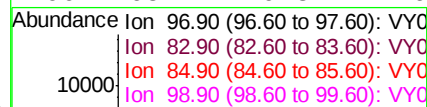
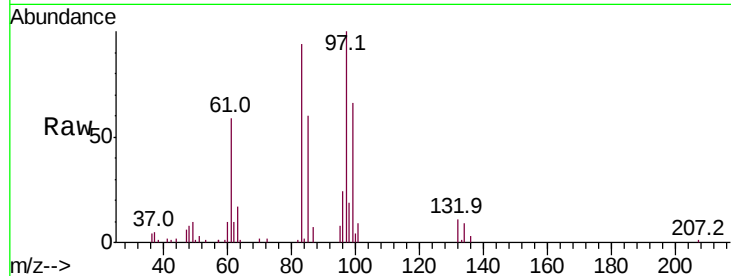
Ion	Ratio	Lower	Upper
97	100		
83	94.1	67.3	100.9
85	60.0	43.6	65.4
99	65.7	49.8	74.6

97 100

83 94.1 67.3 100.9

85 60.0 43.6 65.4

99 65.7 49.8 74.6



#56

Ethyl methacrylate

Concen: 9.484 ug/l

RT: 10.51 min Scan# 1464

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

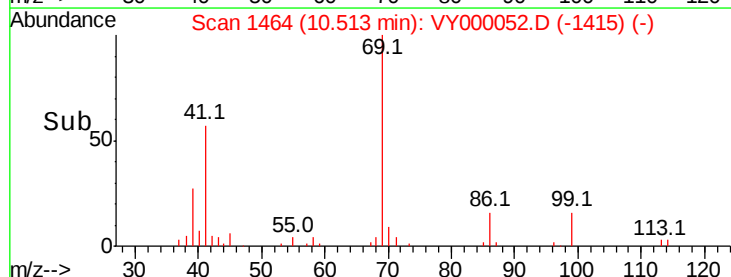
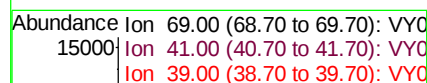
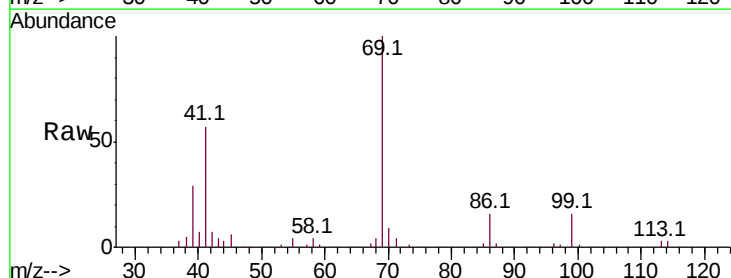
Tgt Ion: 69 Resp: 16604

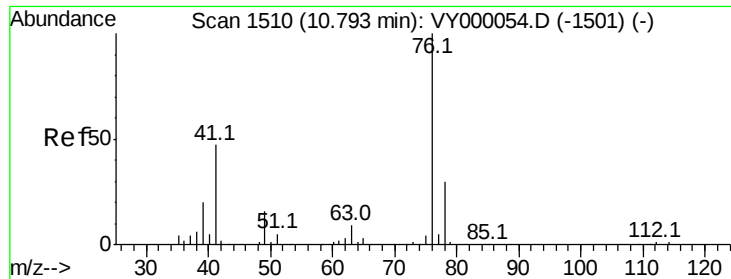
Ion	Ratio	Lower	Upper
69	100		
41	57.9	45.6	68.4
39	31.1	27.3	40.9

69 100

41 57.9 45.6 68.4

39 31.1 27.3 40.9

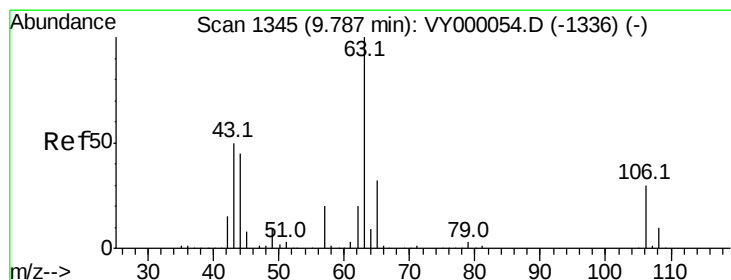
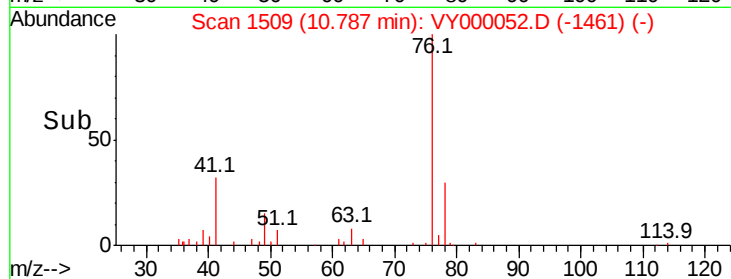
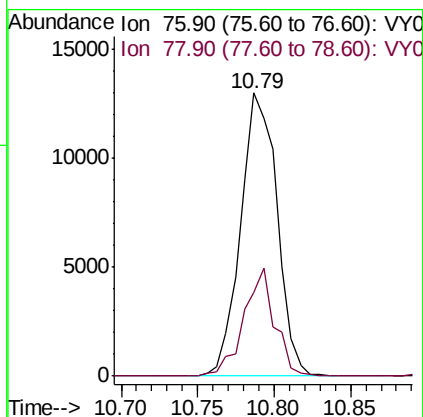
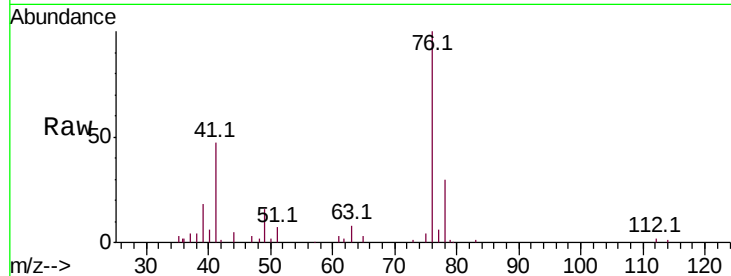




#57
 1,3-Dichloropropane
 Concen: 10.810 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

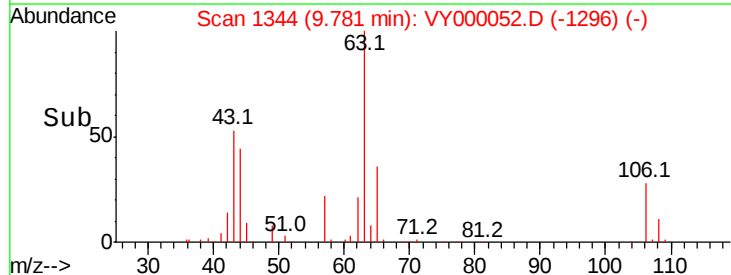
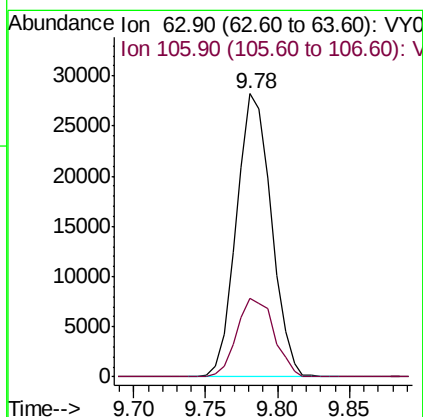
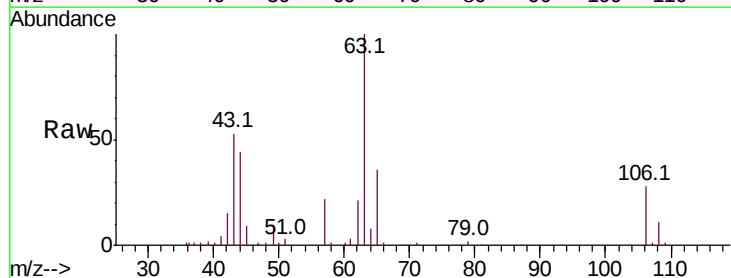
Instrument :
 MSVOA_Y
 ClientSampleId :

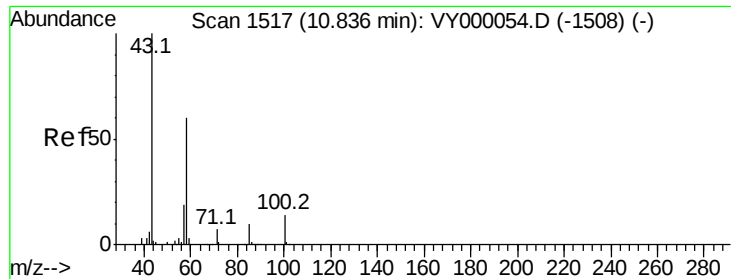
Tot Ion: 76 Resp: 21535
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 50.849 ug/l
 RT: 9.78 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

Tgt Ion: 63 Resp: 47576
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.3 34.9

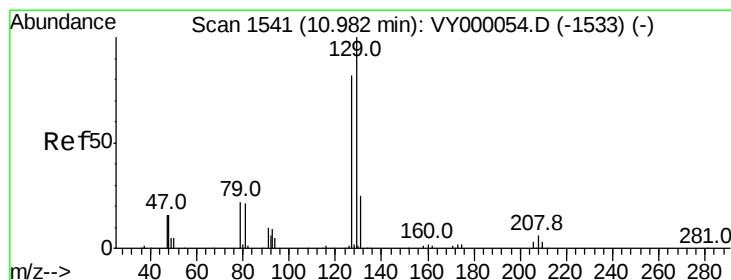
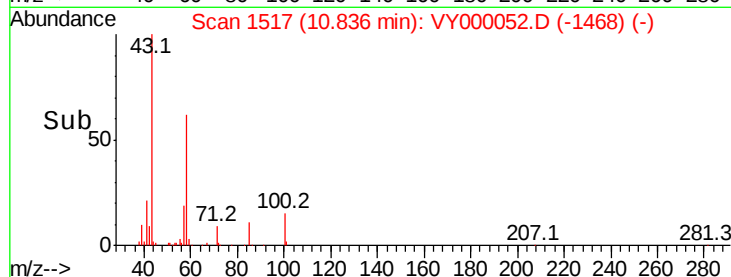
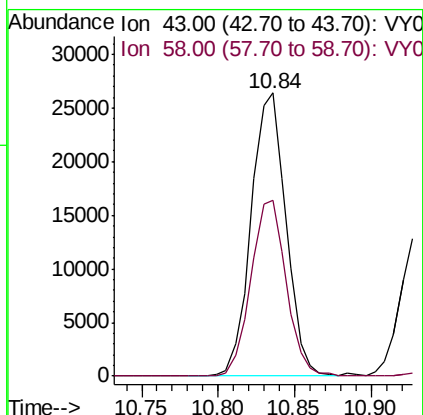
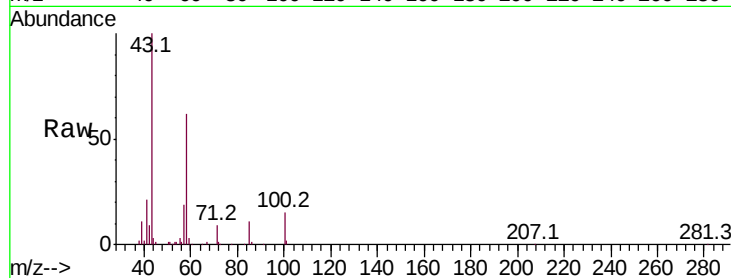




#59
2-Hexanone
Concen: 47.281 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

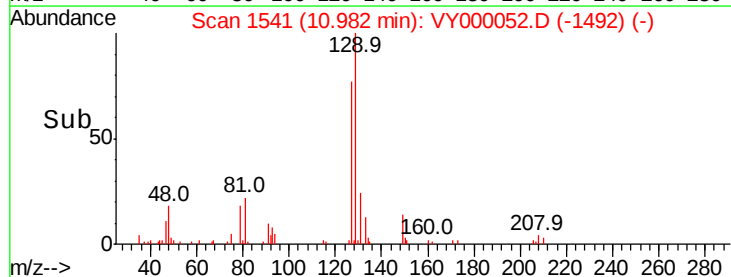
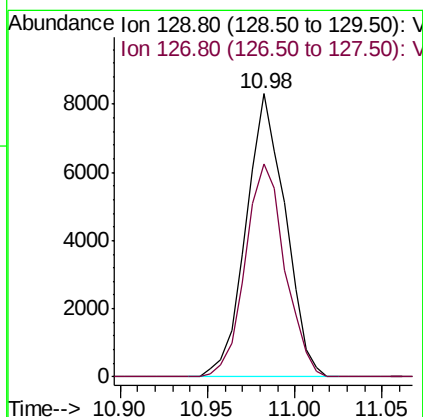
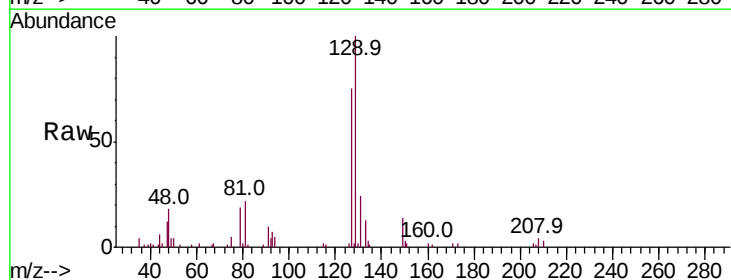
Instrument :
MSVOA_Y
ClientSampleId :

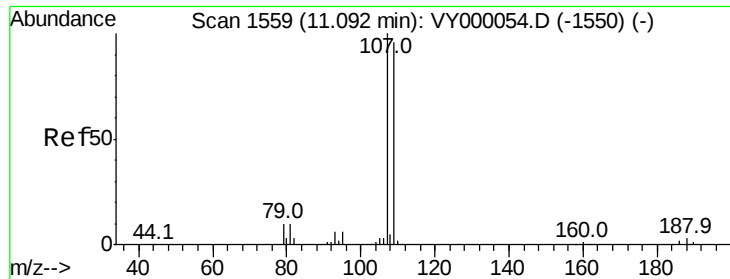
Tot Ion: 43 Resp: 41950
Ion Ratio Lower Upper
43 100
58 62.9 29.9 89.7



#60
Dibromochloromethane
Concen: 9.925 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

Tgt Ion: 129 Resp: 12962
Ion Ratio Lower Upper
129 100
127 75.8 40.2 120.6

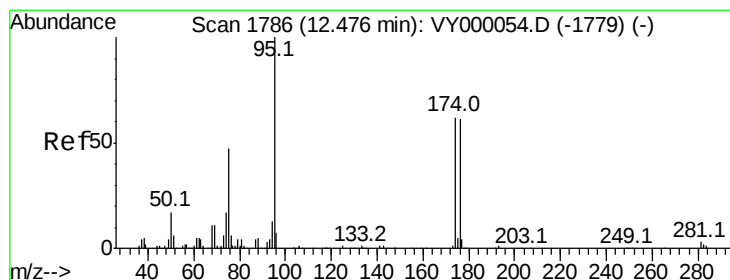
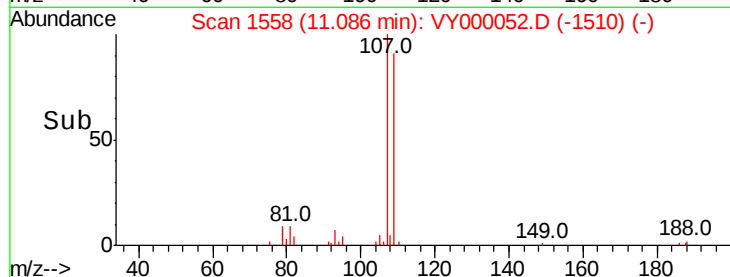
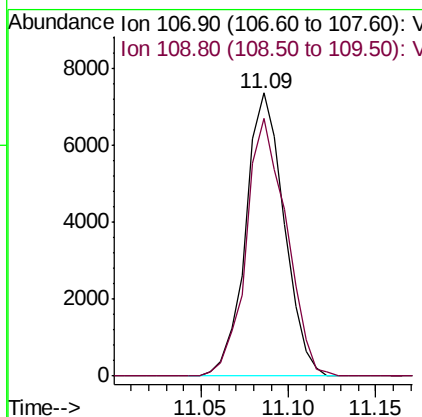
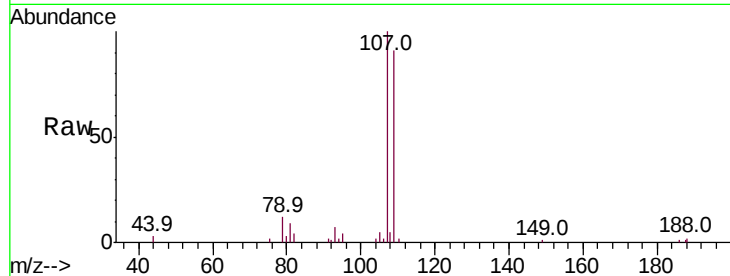




#61
 1,2-Dibromoethane
 Concen: 10.192 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

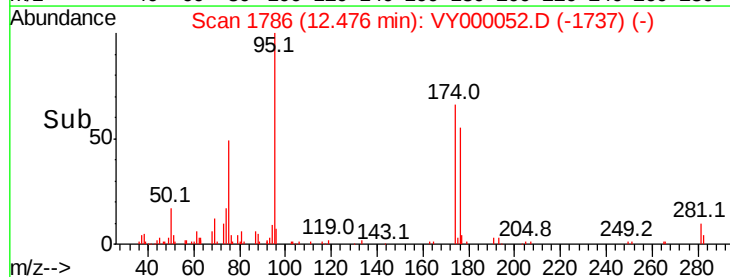
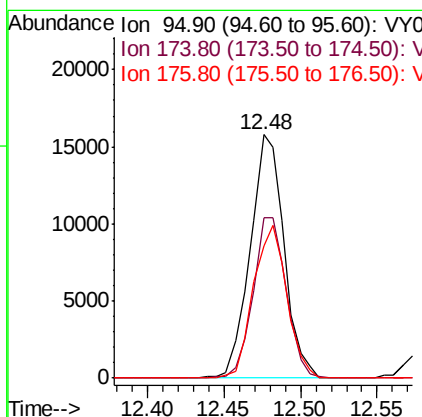
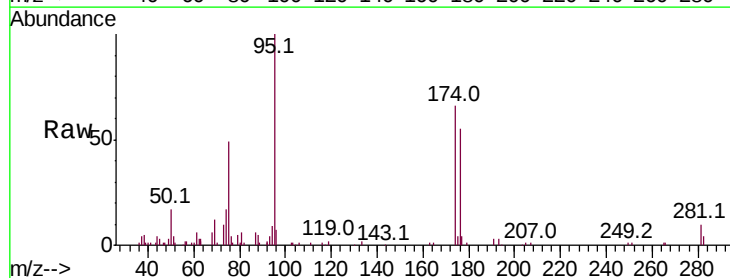
Instrument :
 MSVOA_Y
 ClientSampleId :

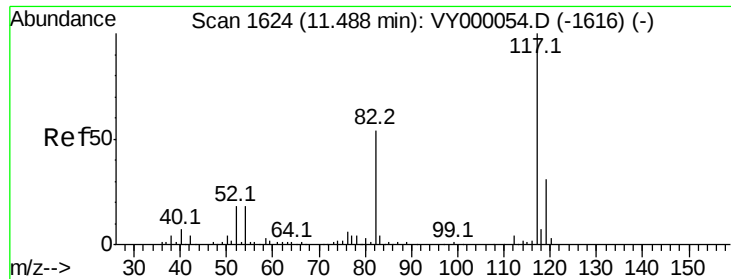
Tot Ion:107 Resp: 11225
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 12.880 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

Tgt Ion: 95 Resp: 24276
 Ion Ratio Lower Upper
 95 100
 174 64.5 0.0 137.2
 176 62.2 0.0 135.0

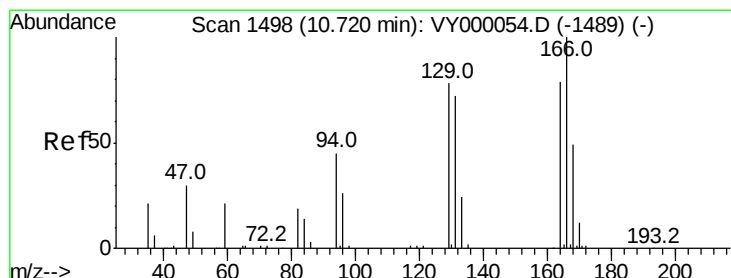
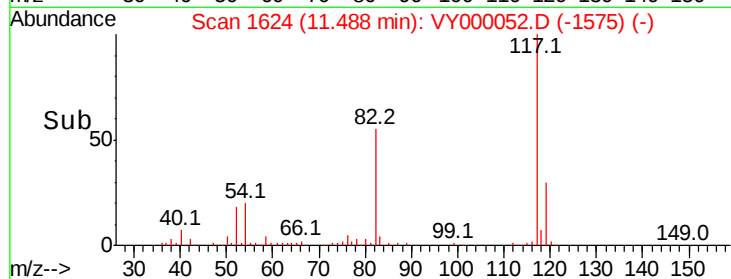
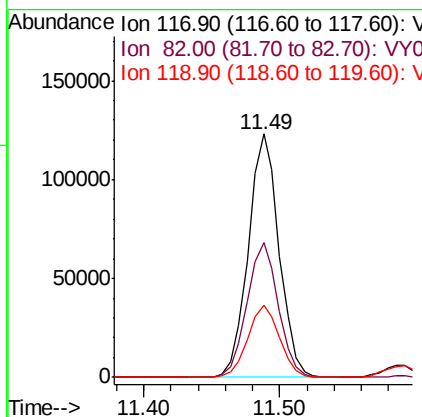
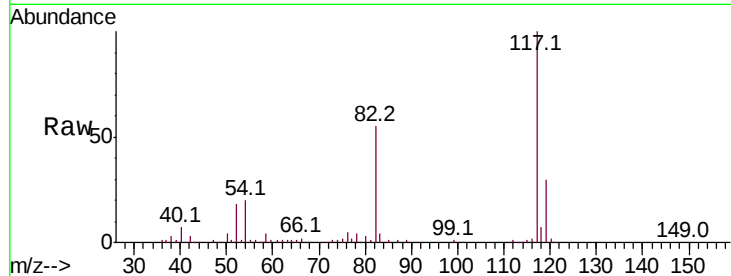




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

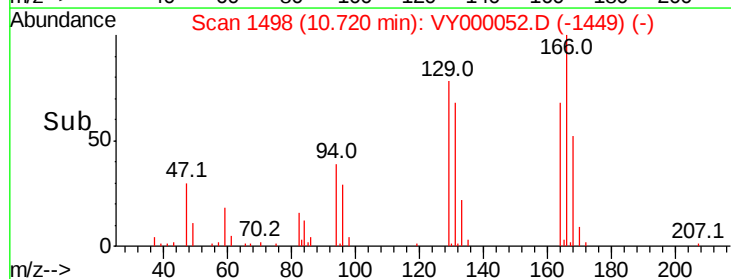
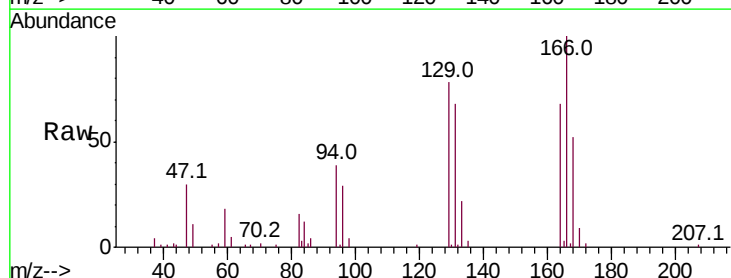
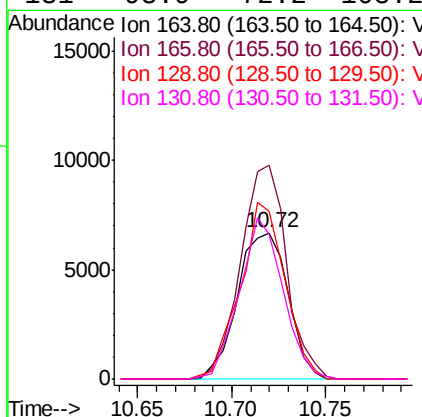
Instrument :
MSVOA_Y
ClientSampleId :

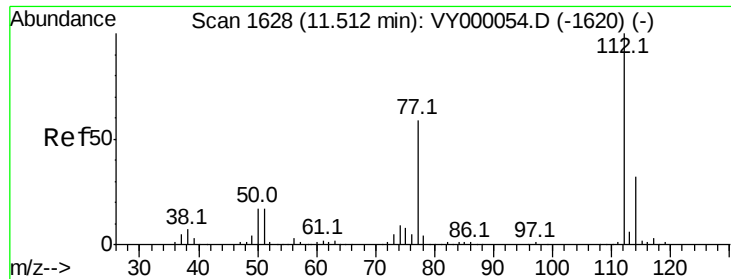
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.5	65.3
119	29.6	24.6	36.8



#64
Tetrachloroethene
Concen: 10.276 ug/l
RT: 10.72 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	146.1	100.9	151.3
129	114.4	78.4	117.6
131	98.9	72.2	108.2

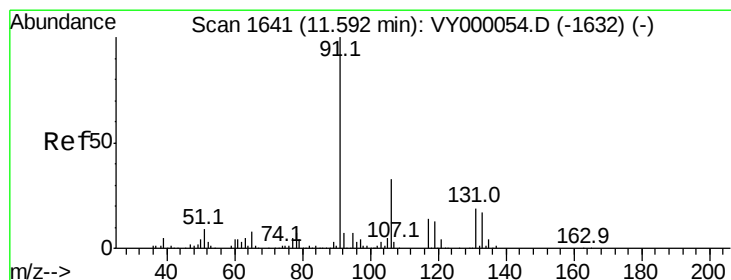
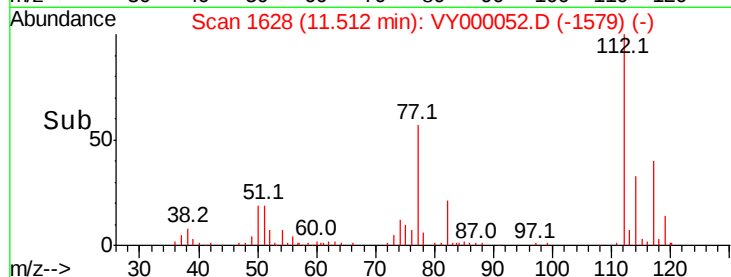
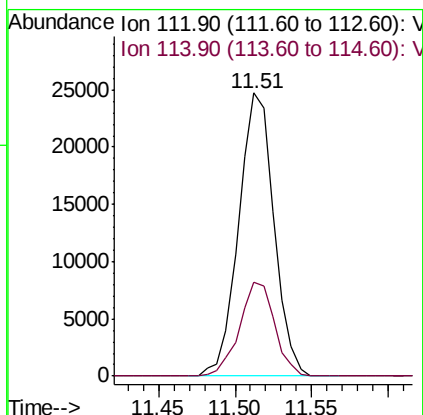
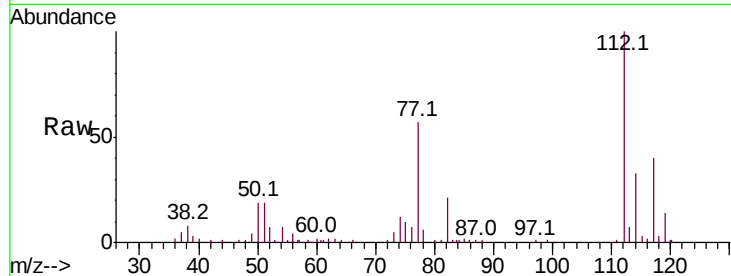




#65
Chlorobenzene
Concen: 10.527 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

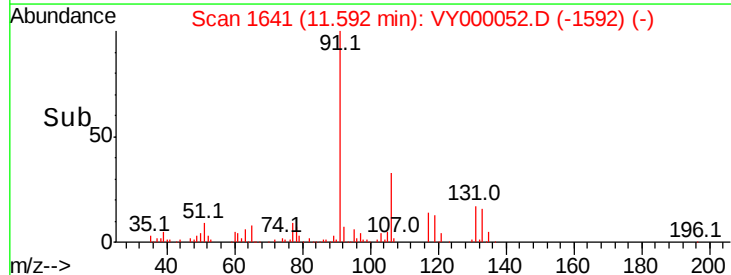
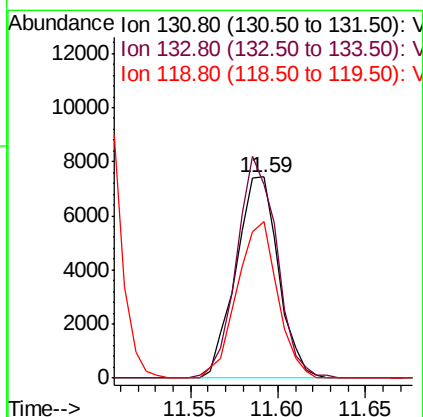
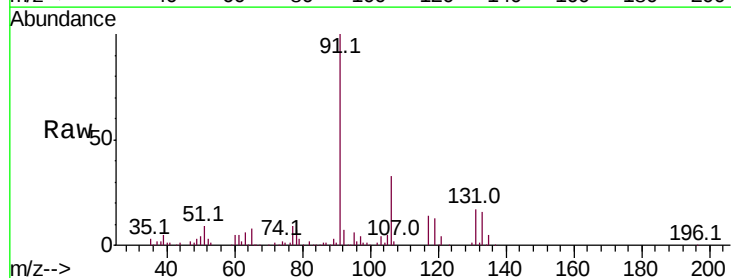
Instrument :
MSVOA_Y
ClientSampled :

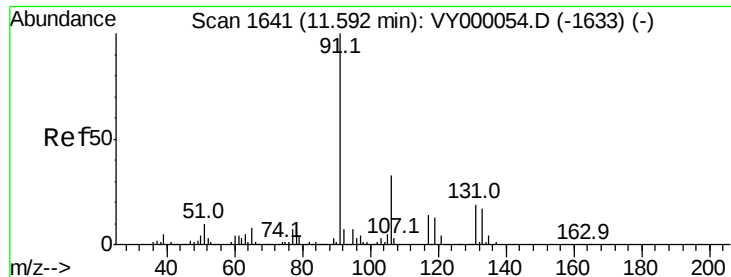
Tot Ion:112 Resp: 39489
Ion Ratio Lower Upper
112 100
114 33.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 9.651 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

Tgt Ion:131 Resp: 12582
Ion Ratio Lower Upper
131 100
133 104.3 46.6 139.8
119 74.2 36.2 108.6





#67

Ethyl Benzene

Concen: 10.313 ug/l

RT: 11.59 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

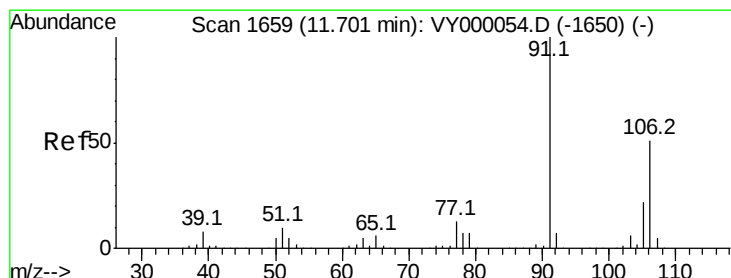
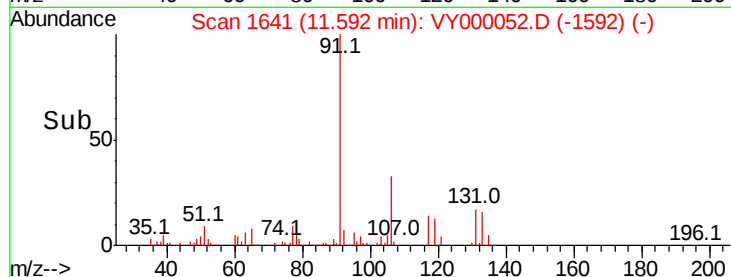
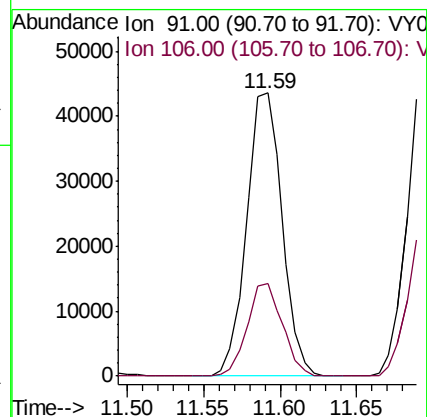
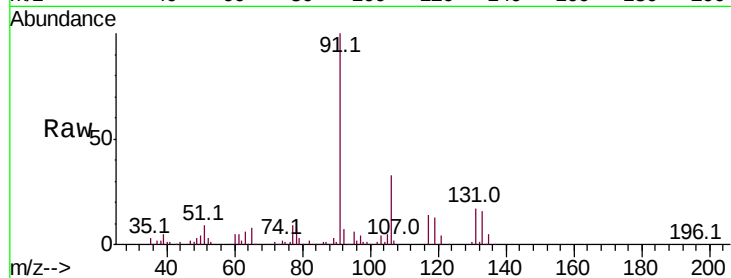
ClientSampleId :

Tot Ion: 91 Resp: 70298

Ion Ratio Lower Upper

91 100

106 33.0 26.6 40.0



#68

m/p-Xylenes

Concen: 20.577 ug/l

RT: 11.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VY000052.D

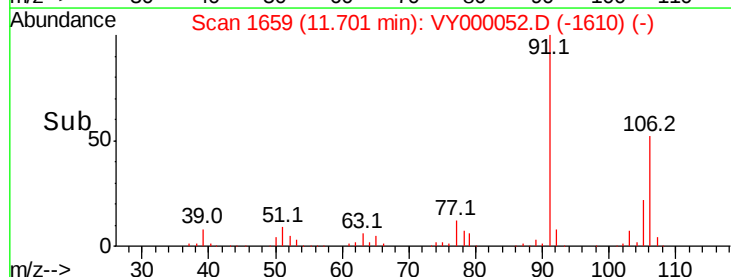
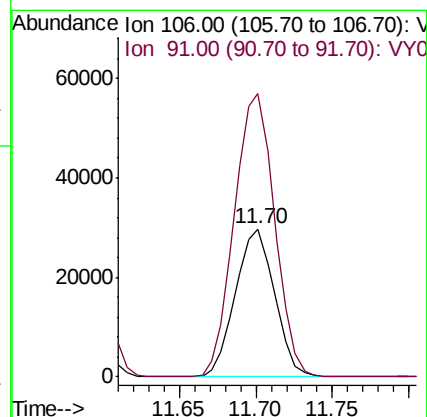
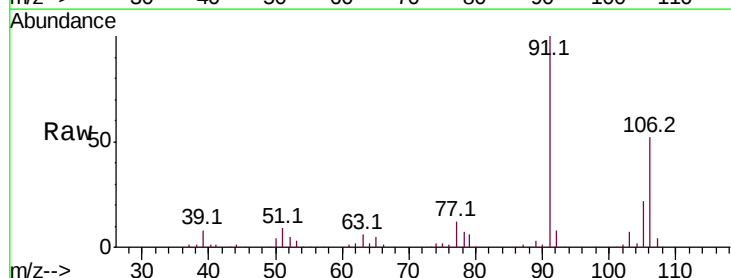
Acq: 17 Sep 2019 10:57

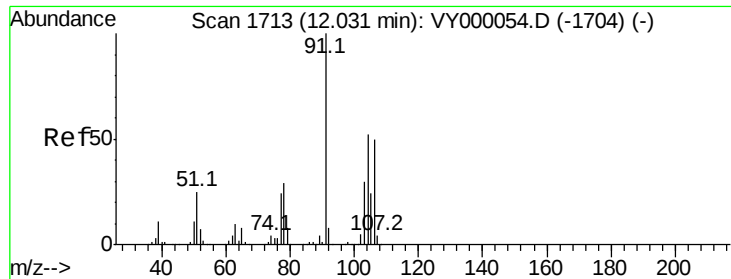
Tgt Ion:106 Resp: 53006

Ion Ratio Lower Upper

106 100

91 196.8 154.5 231.7

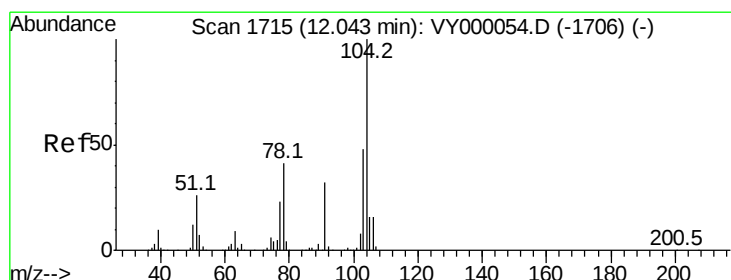
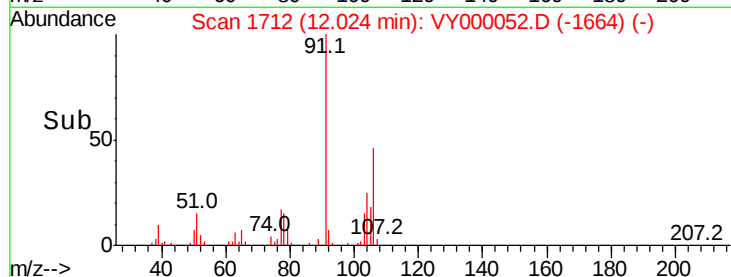
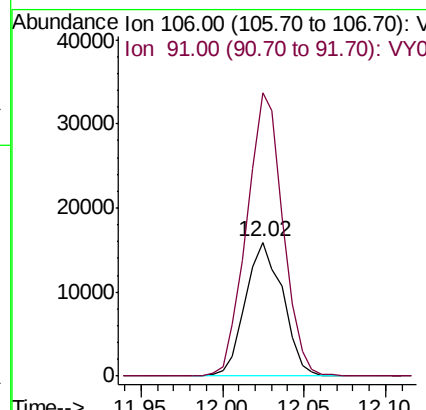
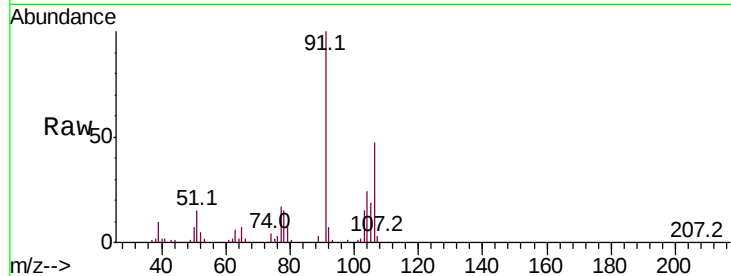




#69
o-Xylene
Concen: 10.076 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

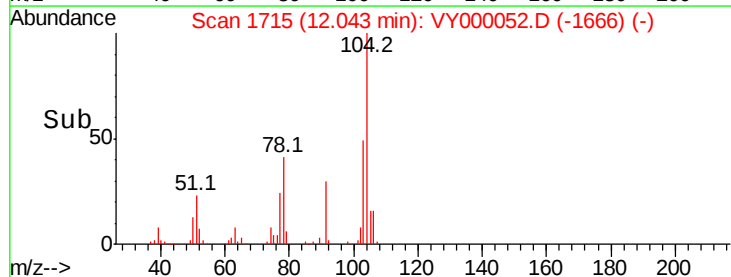
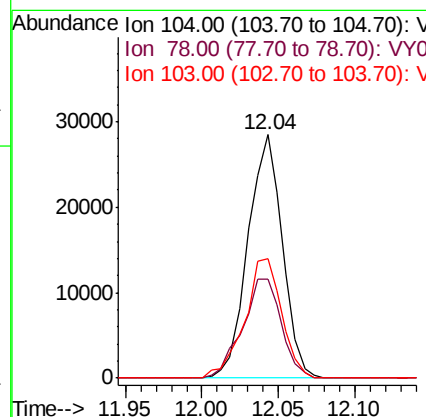
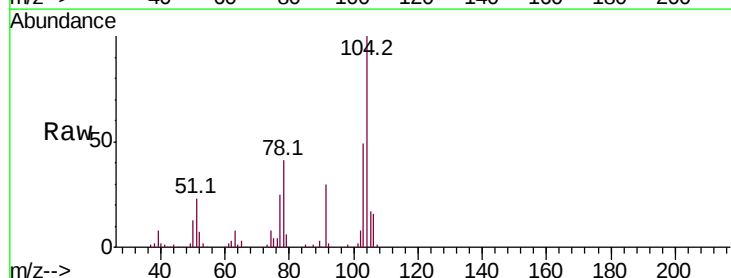
Instrument :
MSVOA_Y
ClientSampled :

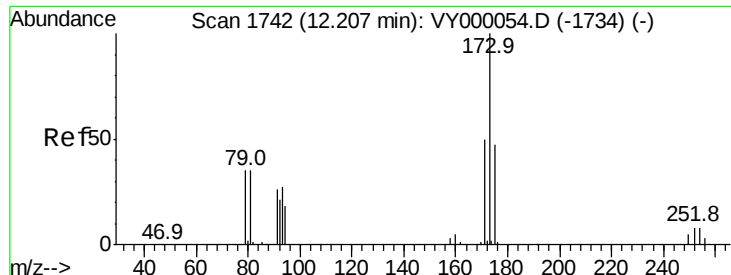
Tot Ion:106 Resp: 25446
Ion Ratio Lower Upper
106 100
91 206.0 103.5 310.3



#70
Styrene
Concen: 10.130 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

Tgt Ion:104 Resp: 44491
Ion Ratio Lower Upper
104 100
78 46.1 37.7 56.5
103 52.9 42.2 63.4





#71

Bromoform

Concen: 9.143 ug/l

RT: 12.21 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

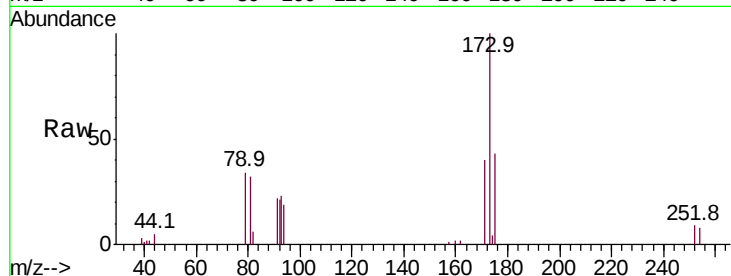
Tot Ion:173 Resp: 7150

Ion Ratio Lower Upper

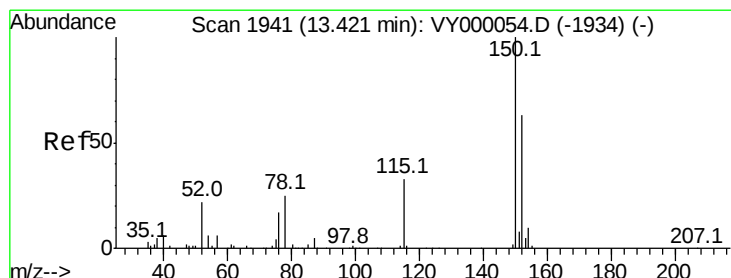
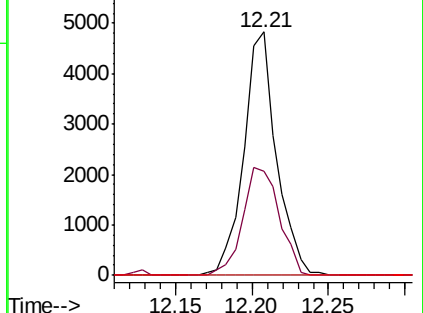
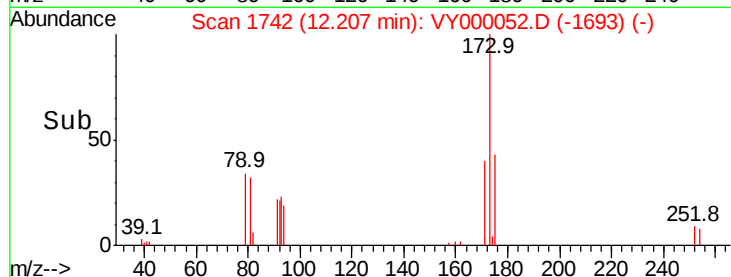
173 100

175 49.9 23.6 71.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

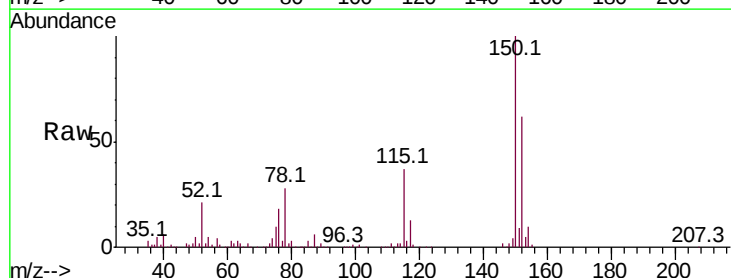
Tgt Ion:152 Resp: 84345

Ion Ratio Lower Upper

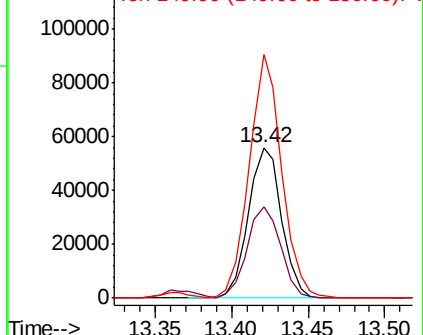
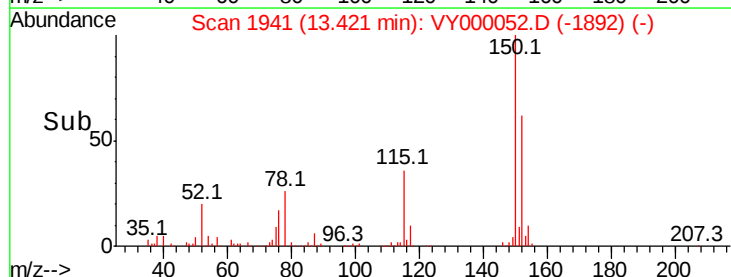
152 100

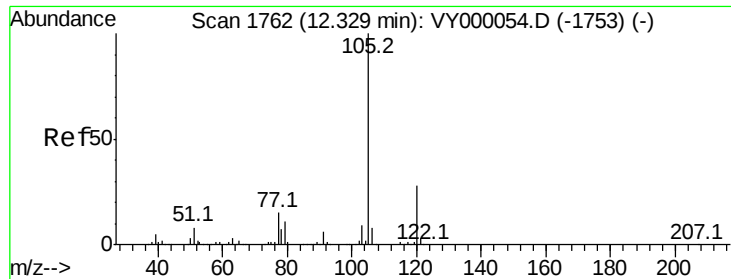
115 60.9 30.7 92.1

150 158.4 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: 10.296 ug/l

RT: 12.33 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

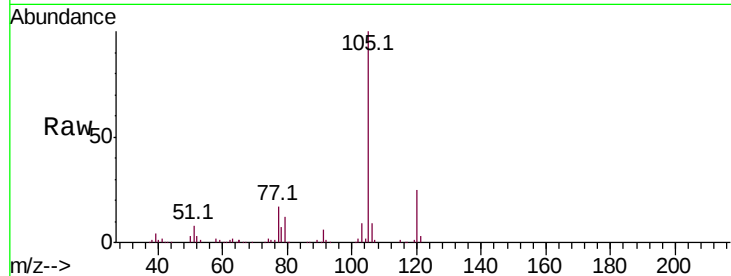
ClientSampleId :

Tot Ion:105 Resp: 67676

Ion Ratio Lower Upper

105 100

120 26.1 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

40000

30000

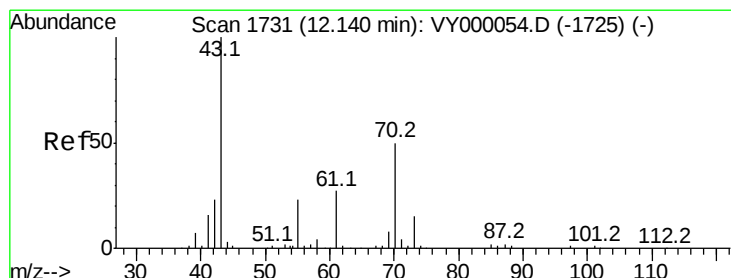
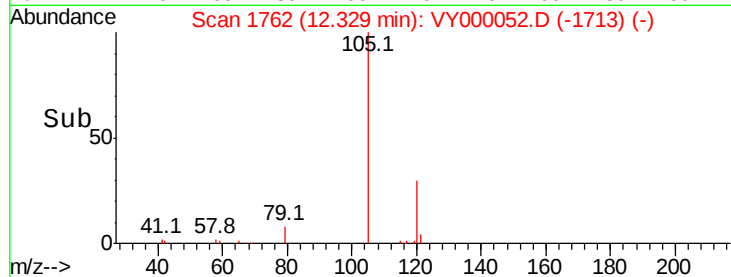
20000

10000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 9.263 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Tgt Ion: 43 Resp: 17865

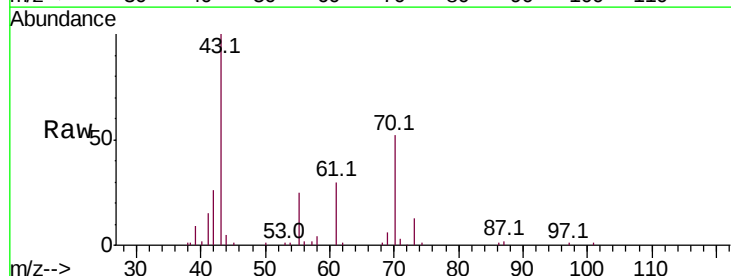
Ion Ratio Lower Upper

43 100

70 48.9 38.8 58.2

55 26.9 18.8 28.2

61 29.5 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

12.14

15000

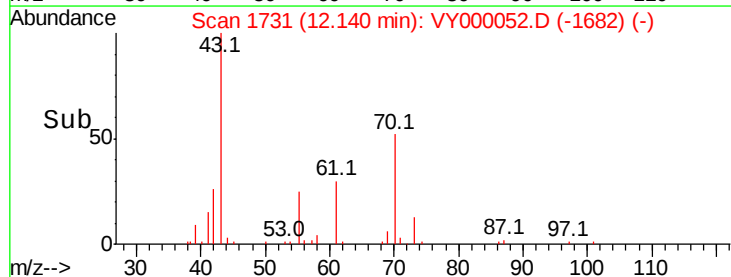
10000

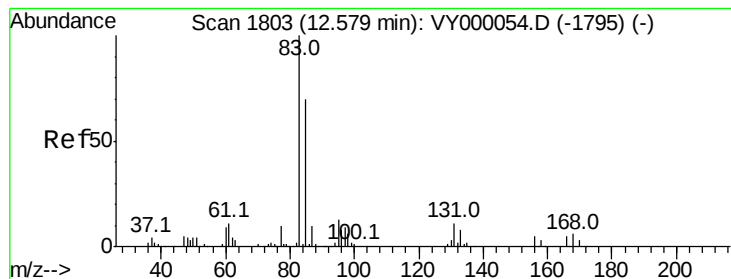
5000

0

Time-->

12.05 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 10.572 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

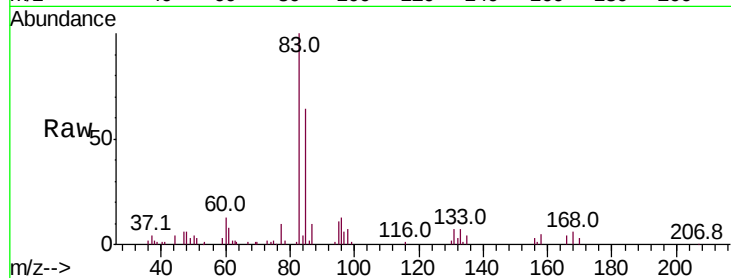
Tot Ion: 83 Resp: 16559

Ion Ratio Lower Upper

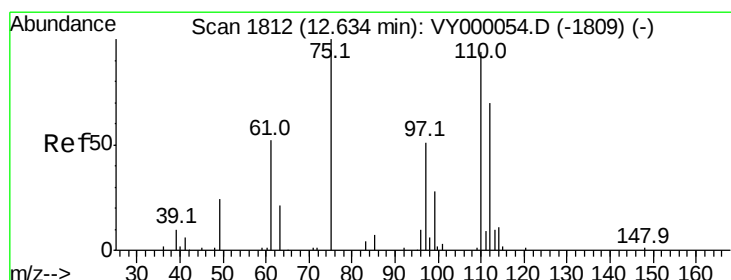
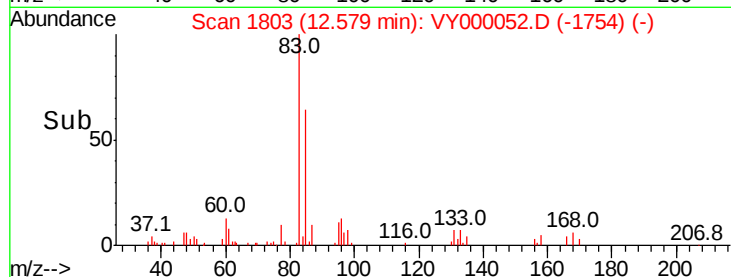
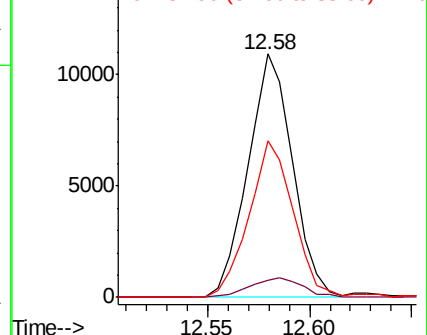
83 100

131 9.3 4.9 14.7

85 64.9 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: 18.095 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VY000052.D

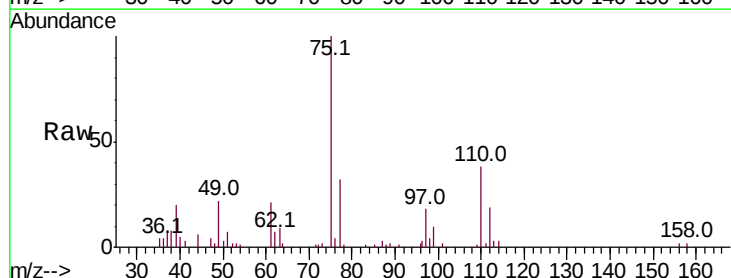
Acq: 17 Sep 2019 10:57

Tgt Ion: 75 Resp: 21197

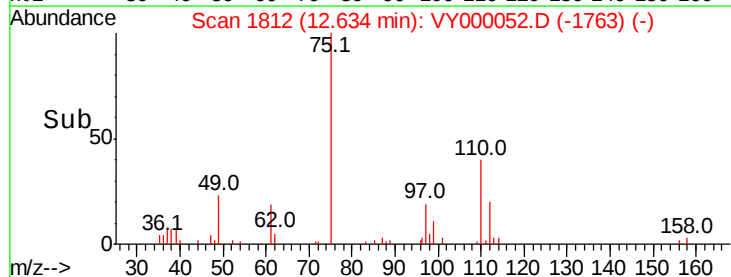
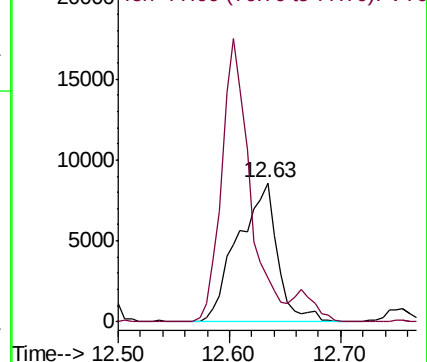
Ion Ratio Lower Upper

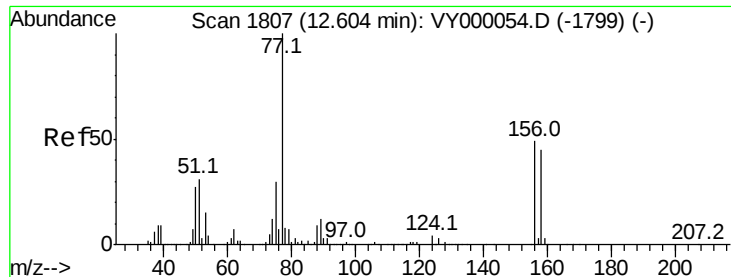
75 100

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

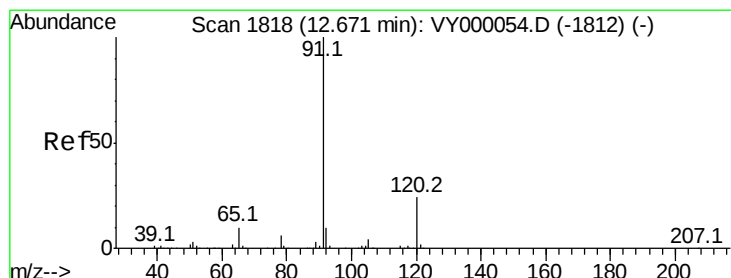
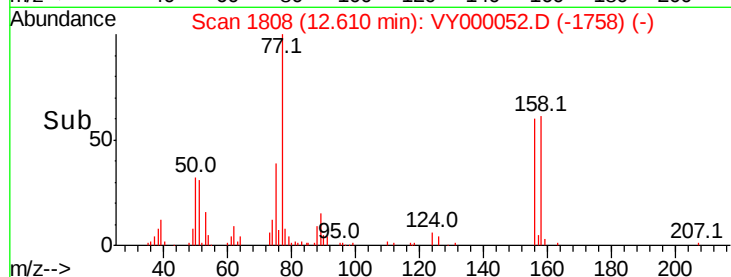
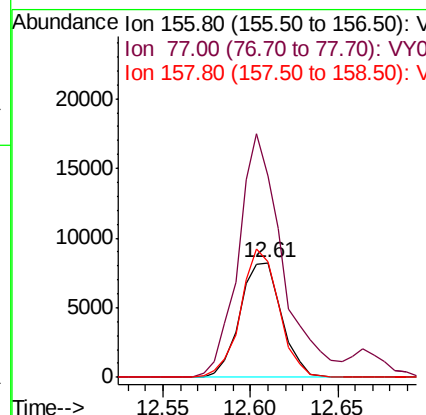
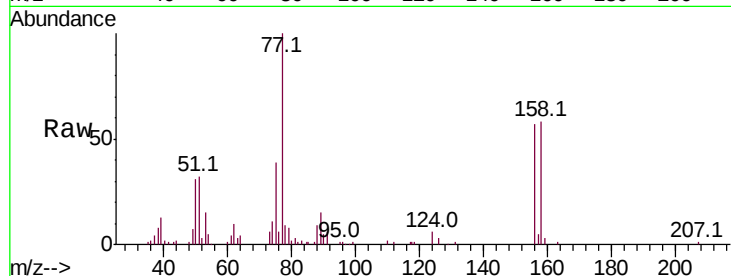




#77
Bromobenzene
Concen: 9.828 ug/l
RT: 12.61 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

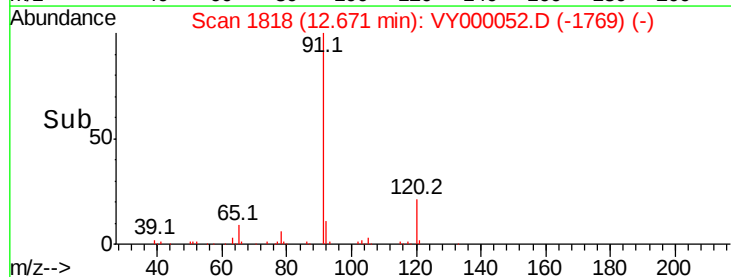
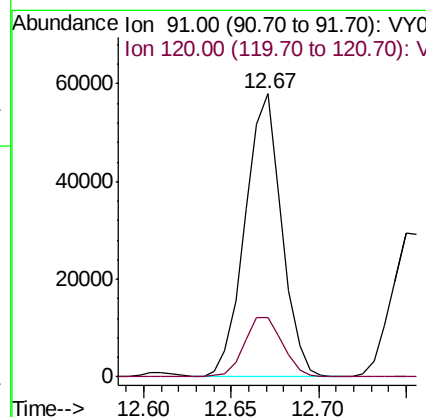
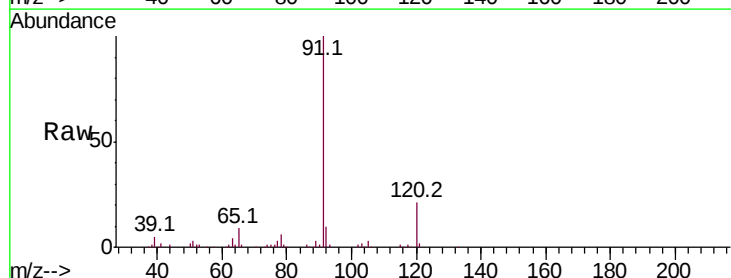
Instrument :
MSVOA_Y
ClientSampleId :

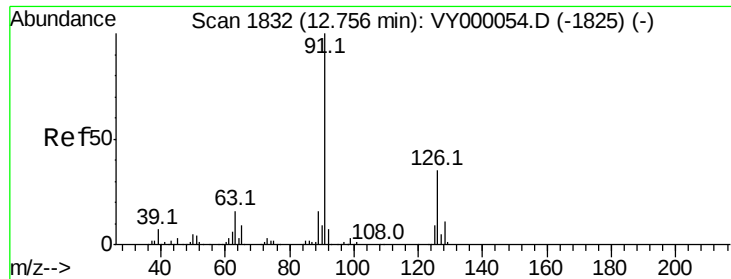
Tot Ion:156 Resp: 13572
Ion Ratio Lower Upper
156 100
77 227.5 109.7 329.0
158 103.0 48.0 144.2



#78
n-propylbenzene
Concen: 10.421 ug/l
RT: 12.67 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

Tgt Ion: 91 Resp: 83735
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.5

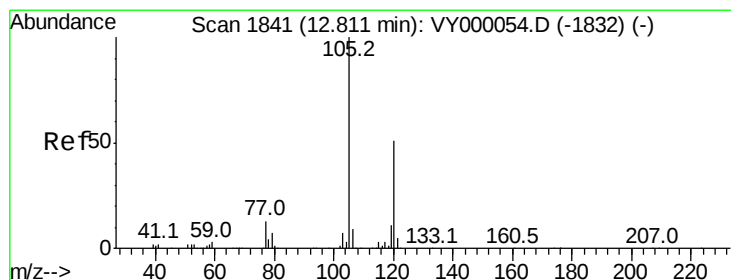
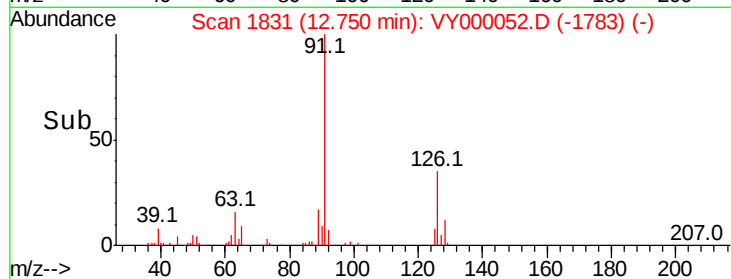
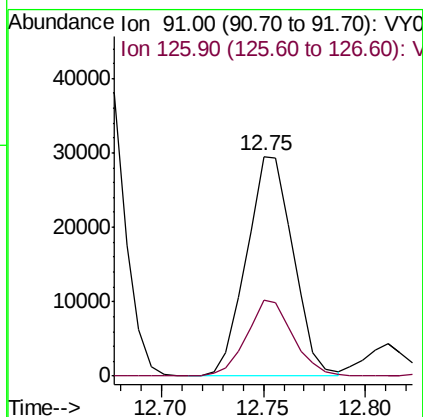
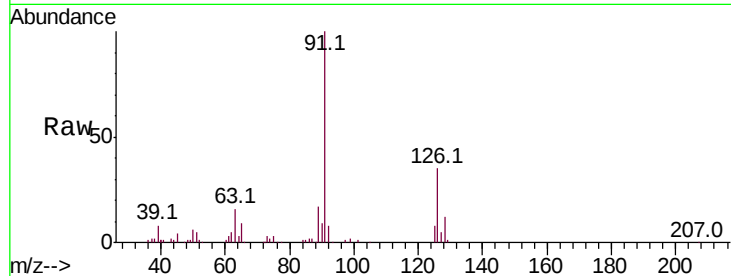




#79
 2-Chlorotoluene
 Concen: 10.437 ug/l
 RT: 12.75 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

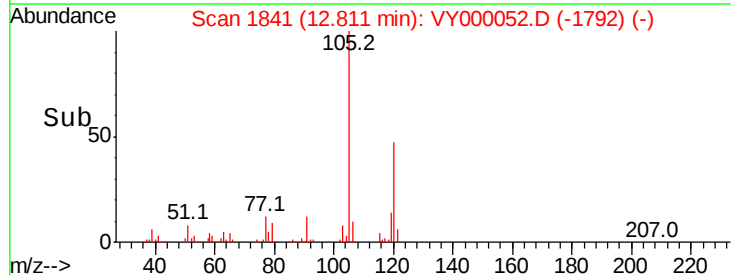
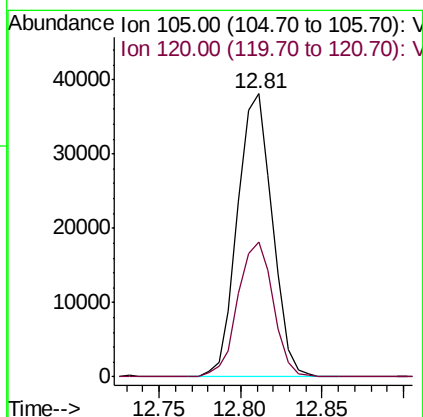
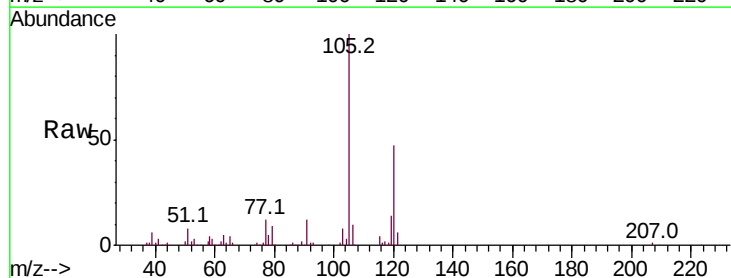
Instrument :
 MSVOA_Y
 ClientSampleId :

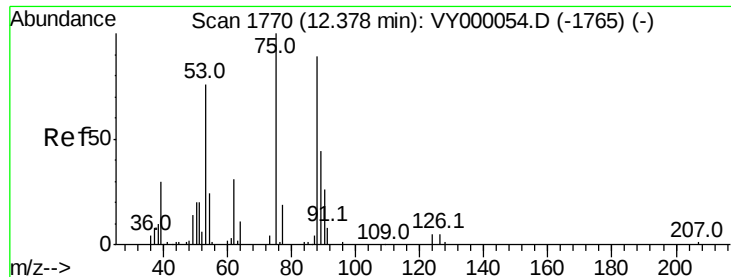
Tot Ion: 91 Resp: 46872
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 10.386 ug/l
 RT: 12.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

Tgt Ion:105 Resp: 56812
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 9.900 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

ClientSampled :

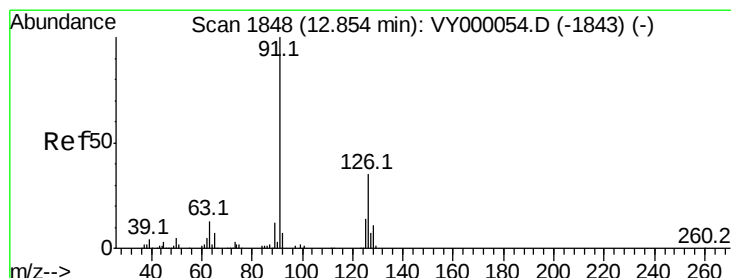
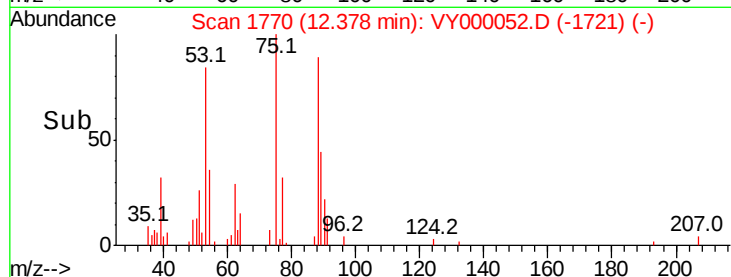
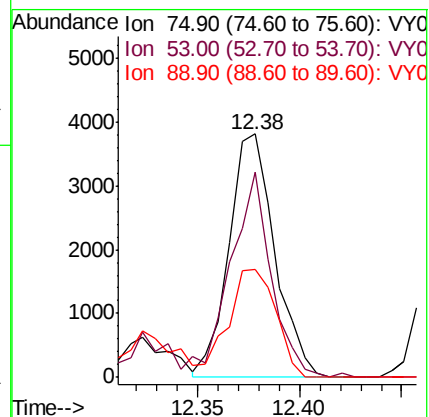
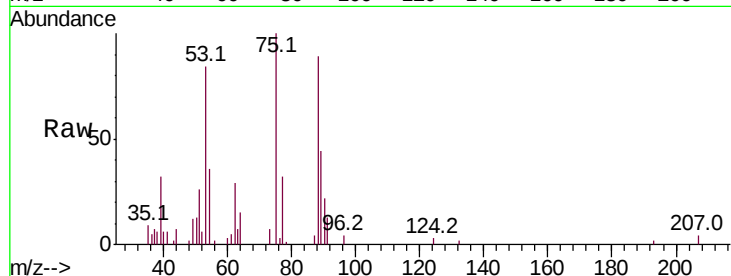
Tot Ion: 75 Resp: 5936

Ion Ratio Lower Upper

75 100

53 75.8 60.9 91.3

89 46.3 35.3 52.9



#82

4-Chlorotoluene

Concen: 10.246 ug/l

RT: 12.85 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VY000052.D

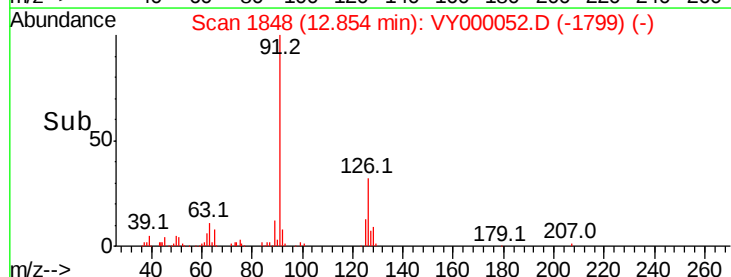
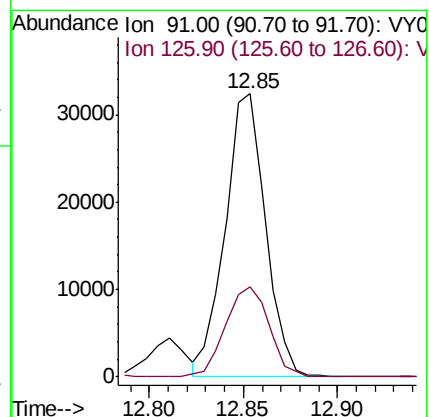
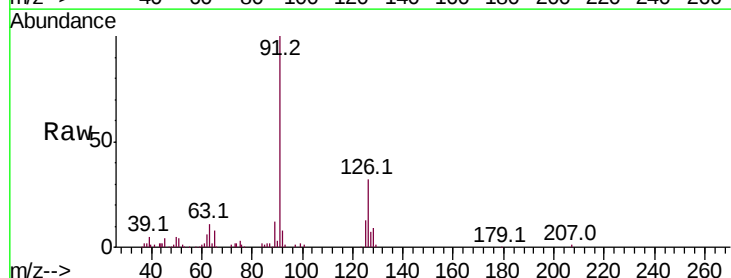
Acq: 17 Sep 2019 10:57

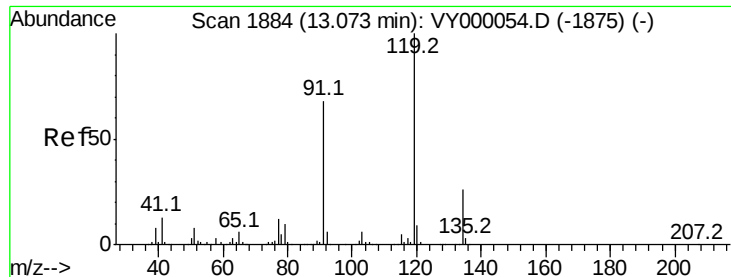
Tgt Ion: 91 Resp: 48184

Ion Ratio Lower Upper

91 100

126 34.2 16.7 50.1

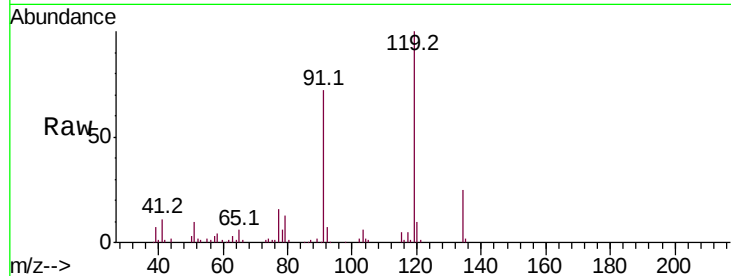




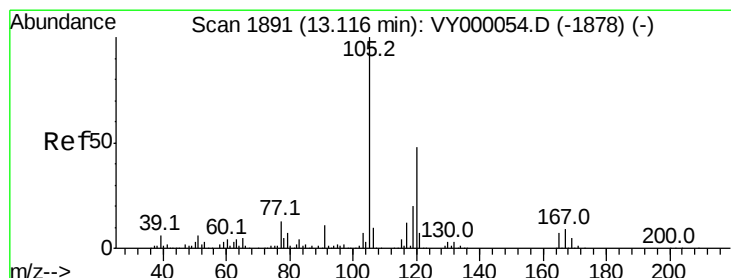
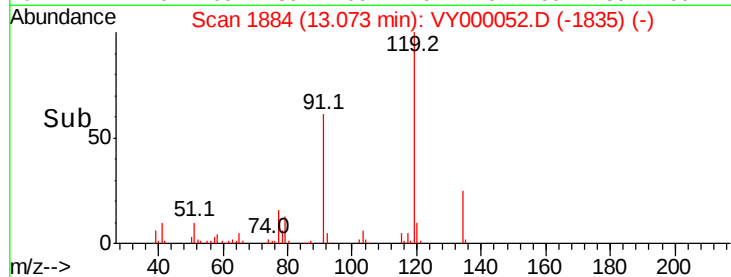
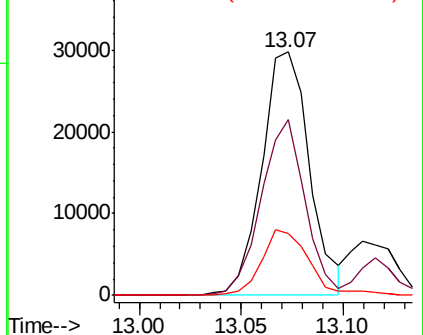
#83
tert-Butylbenzene
Concen: 10.321 ug/l
RT: 13.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 48576
Ion Ratio Lower Upper
119 100
91 66.3 33.4 100.1
134 27.1 12.7 38.0

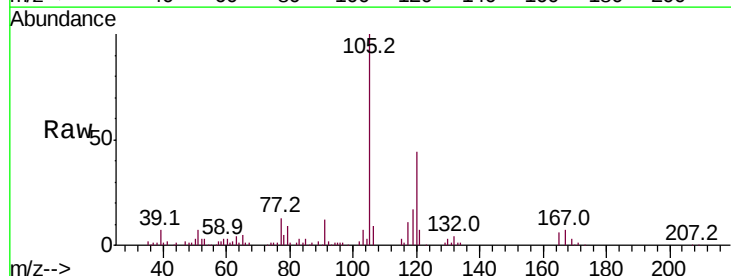


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

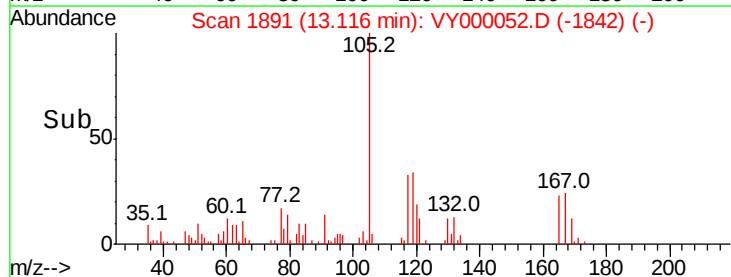
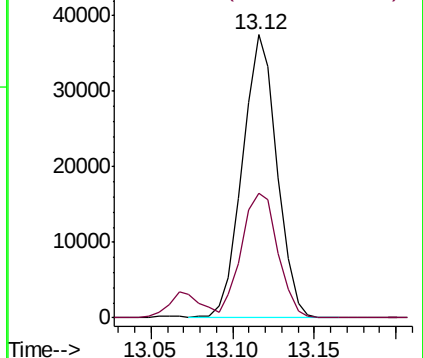


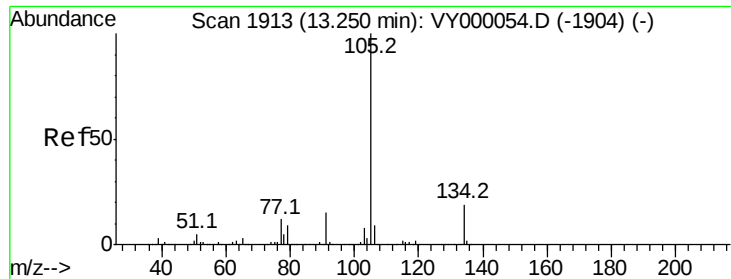
#84
1,2,4-Trimethylbenzene
Concen: 10.230 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

Tgt Ion:105 Resp: 55384
Ion Ratio Lower Upper
105 100
120 46.4 22.9 68.7



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





#85

sec-Butylbenzene

Concen: 10.531 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

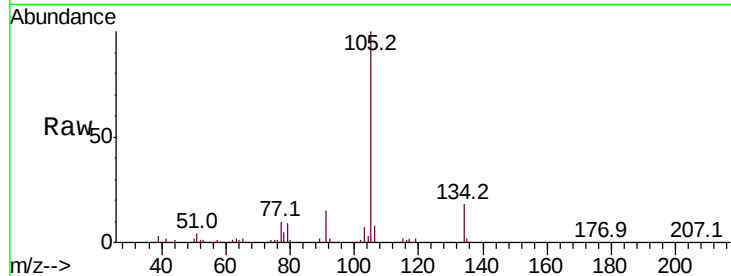
ClientSampled :

Tot Ion:105 Resp: 73112

Ion Ratio Lower Upper

105 100

134 18.5 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

50000

40000

30000

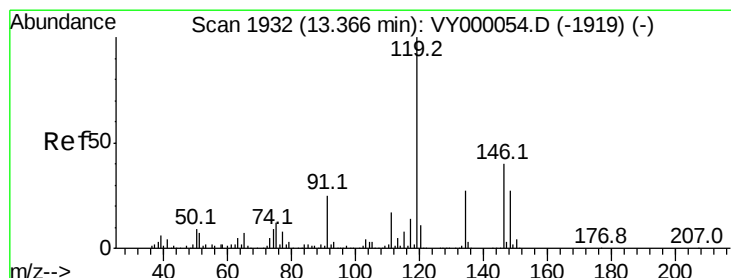
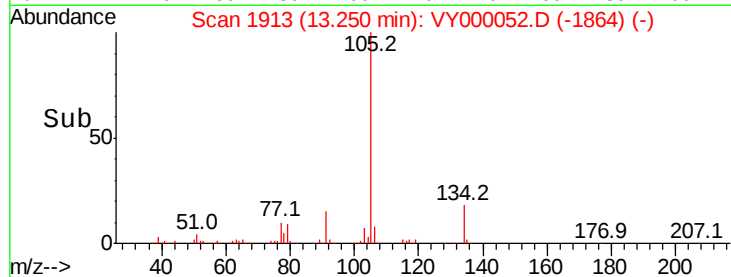
20000

10000

0

Time-->

13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 10.371 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

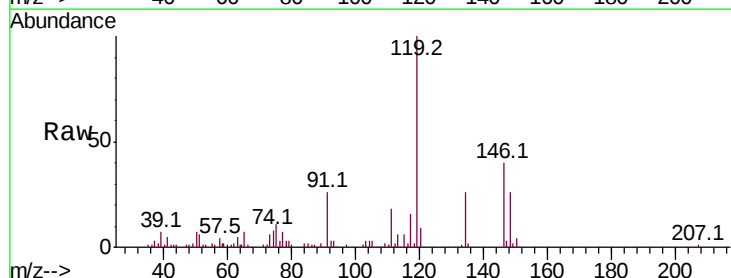
Tgt Ion:119 Resp: 61252

Ion Ratio Lower Upper

119 100

134 26.1 13.4 40.2

91 24.7 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

13.37

50000

40000

30000

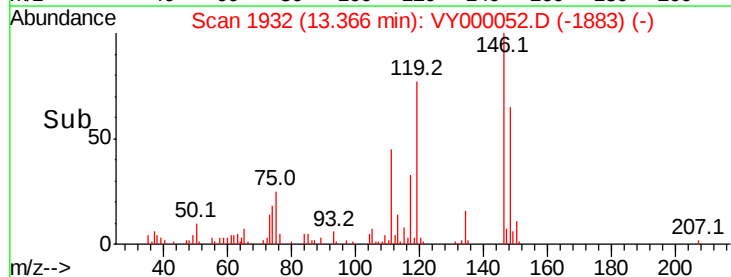
20000

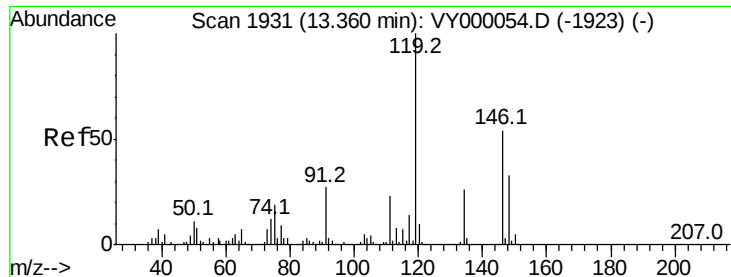
10000

0

Time-->

13.30 13.35 13.40

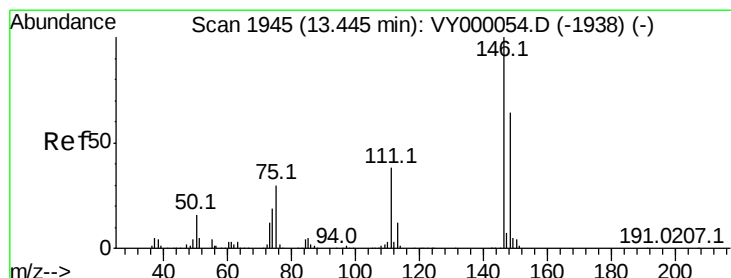
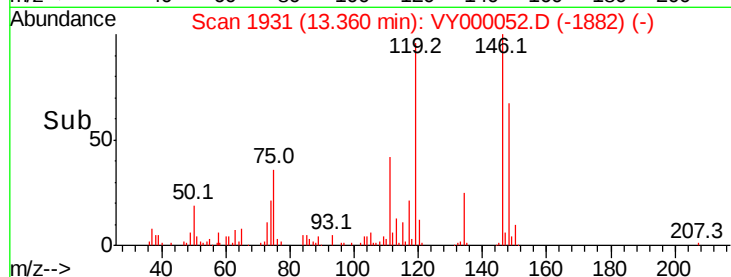
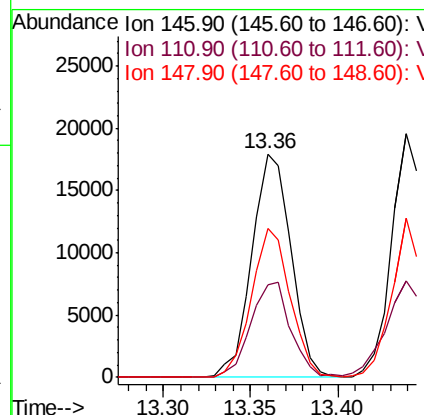
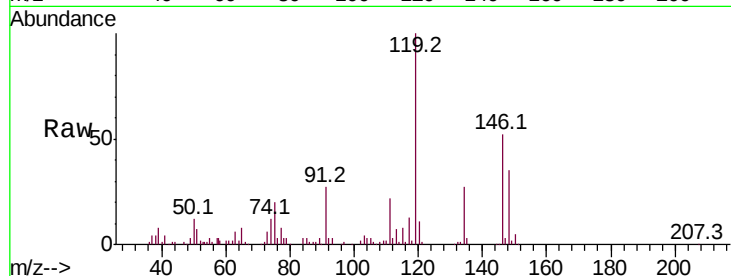




#87
 1,3-Dichlorobenzene
 Concen: 10.017 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

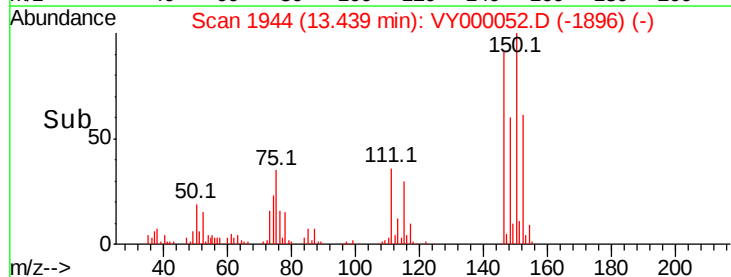
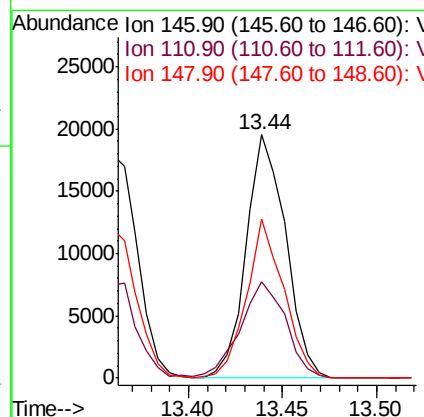
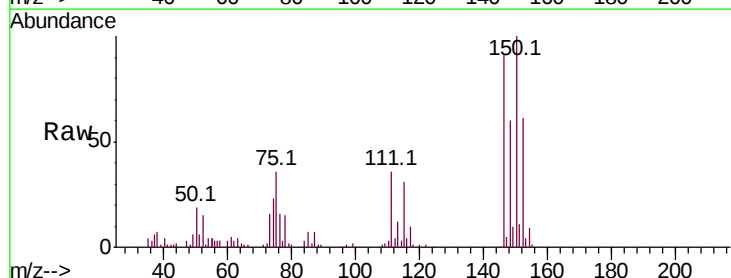
Instrument :
 MSVOA_Y
 ClientSampled :

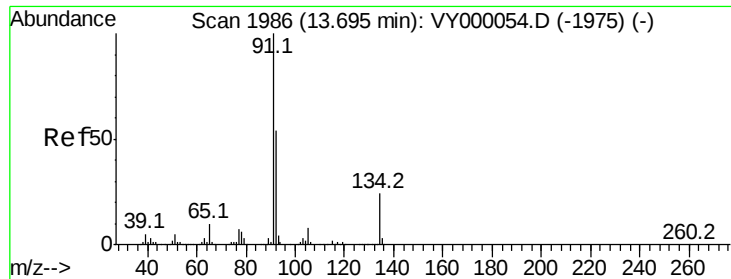
Tot Ion:146 Resp: 27942
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.1 63.1
 148 65.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 10.143 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

Tgt Ion:146 Resp: 28408
 Ion Ratio Lower Upper
 146 100
 111 45.7 20.8 62.4
 148 62.0 31.5 94.5

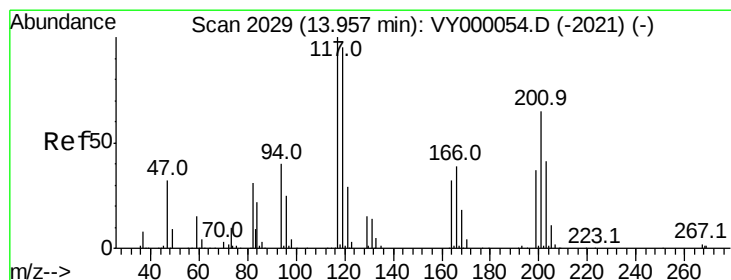
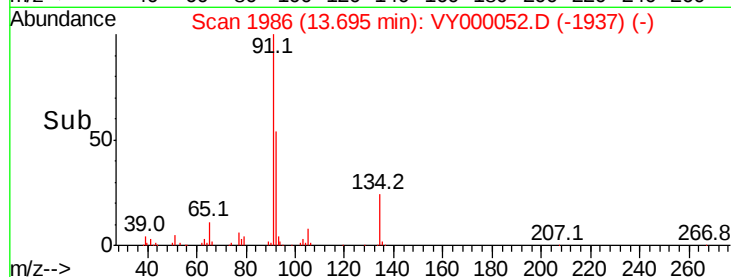
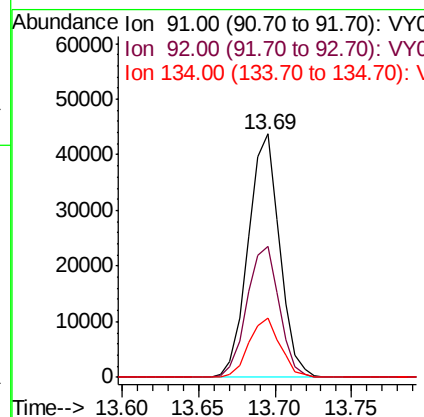
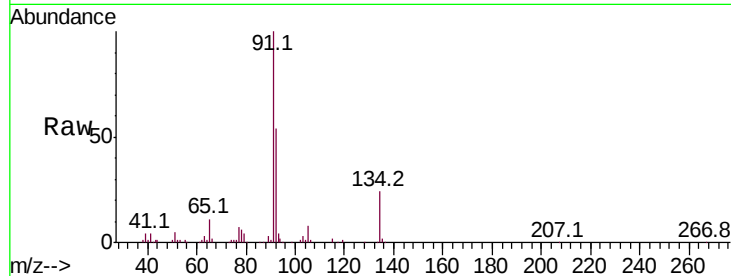




#89
n-Butylbenzene
Concen: 10.378 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

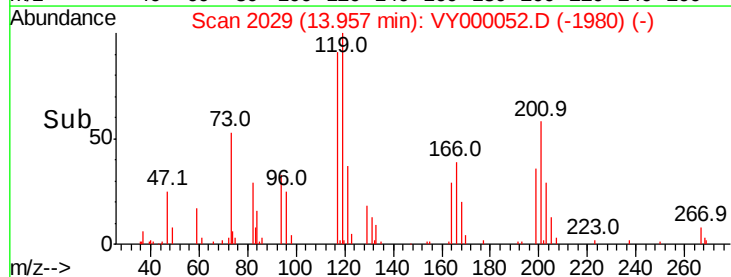
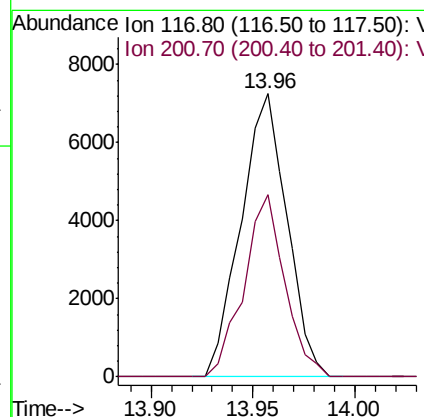
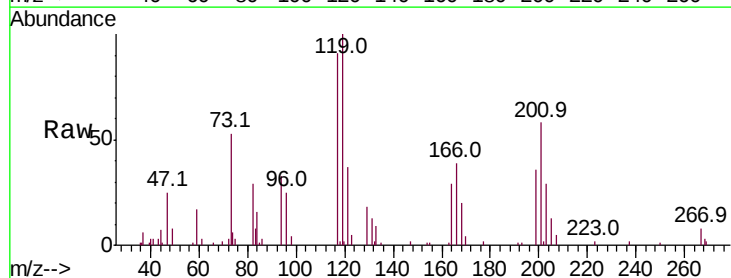
Instrument :
MSVOA_Y
ClientSampleId :

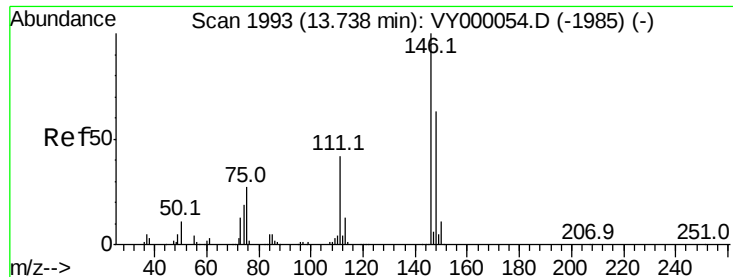
Tot Ion: 91 Resp: 62161
Ion Ratio Lower Upper
91 100
92 55.3 27.2 81.5
134 24.3 12.2 36.6



#90
Hexachloroethane
Concen: 9.655 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VY000052.D
Acq: 17 Sep 2019 10:57

Tgt Ion: 117 Resp: 11367
Ion Ratio Lower Upper
117 100
201 57.3 30.6 92.0





#91

1,2-Dichlorobenzene

Concen: 10.711 ug/l

RT: 13.74 min Scan# 1993

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

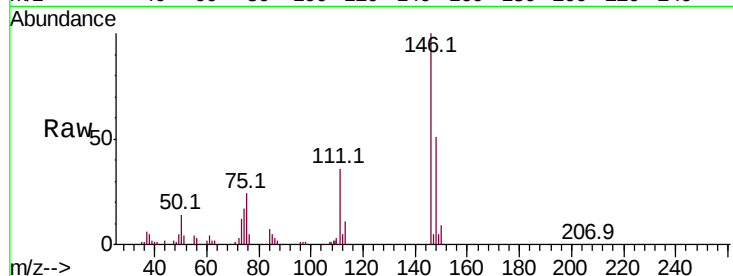
Tot Ion:146 Resp: 27728

Ion Ratio Lower Upper

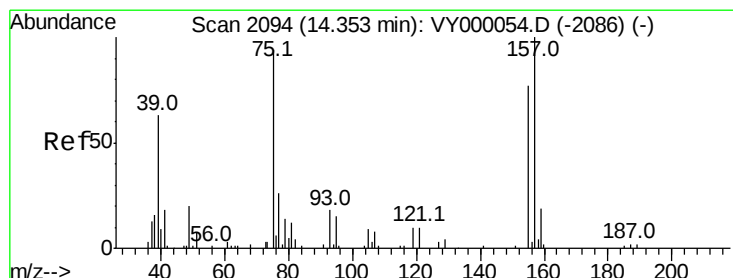
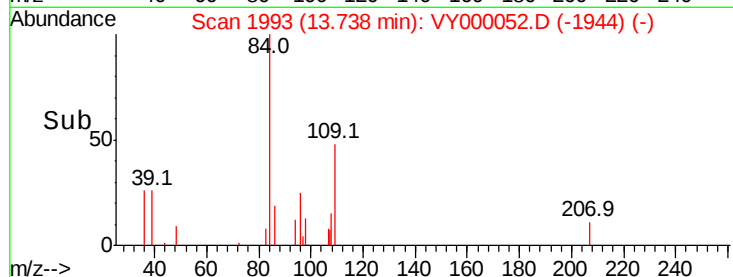
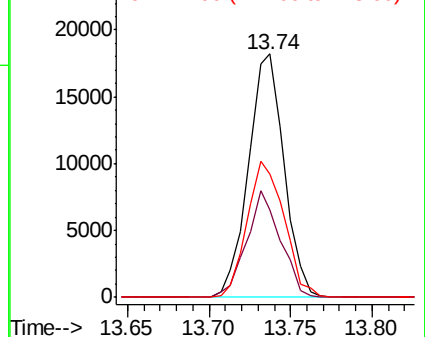
146 100

111 41.5 21.9 65.7

148 58.1 32.4 97.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.878 ug/l

RT: 14.35 min Scan# 2093

Delta R.T. -0.01 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

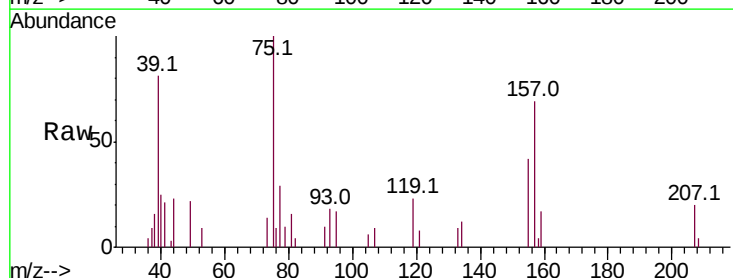
Tgt Ion: 75 Resp: 2996

Ion Ratio Lower Upper

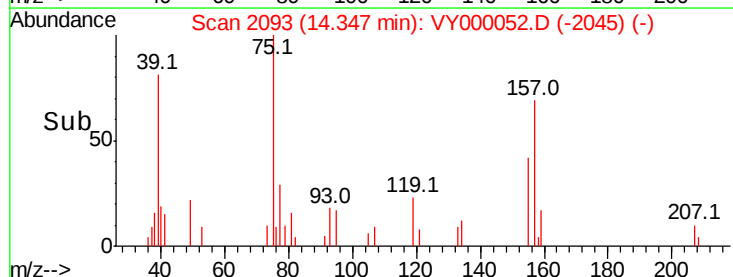
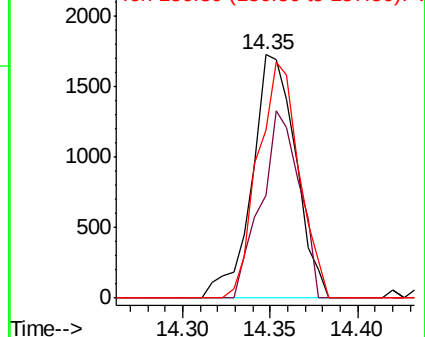
75 100

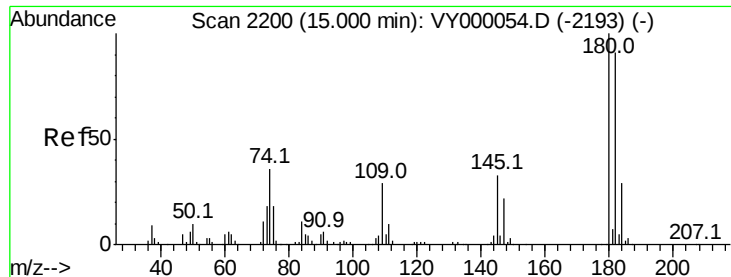
155 68.0 40.6 121.7

157 91.5 52.9 158.8



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

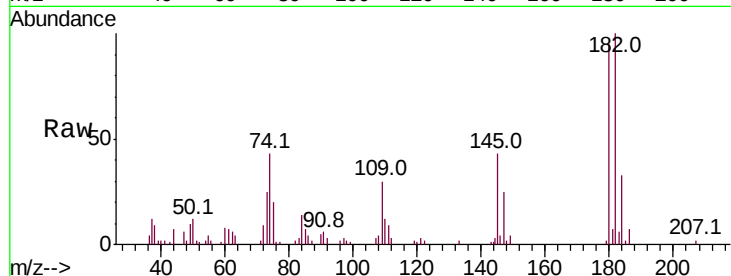




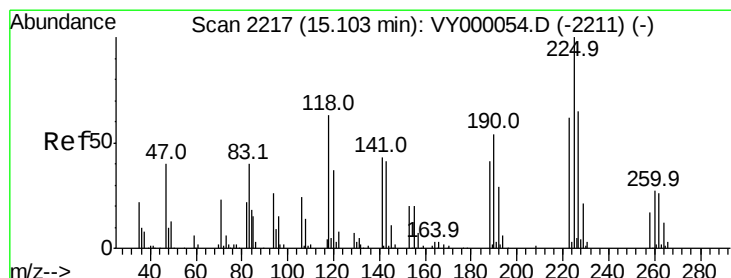
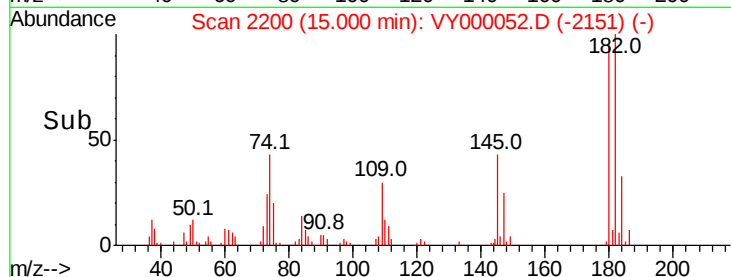
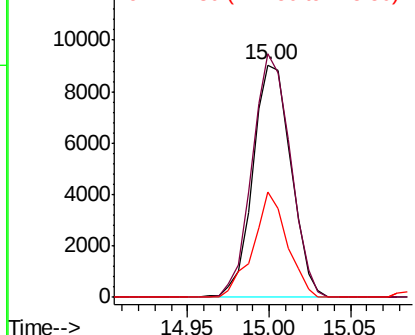
#93
 1,2,4-Trichlorobenzene
 Concen: 8.887 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 14688
 Ion Ratio Lower Upper
 180 100
 182 104.7 48.5 145.6
 145 40.3 17.2 51.6

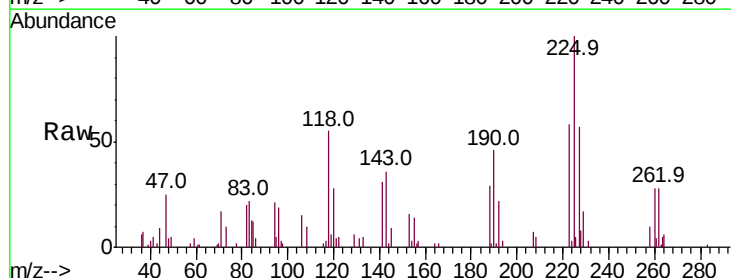


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

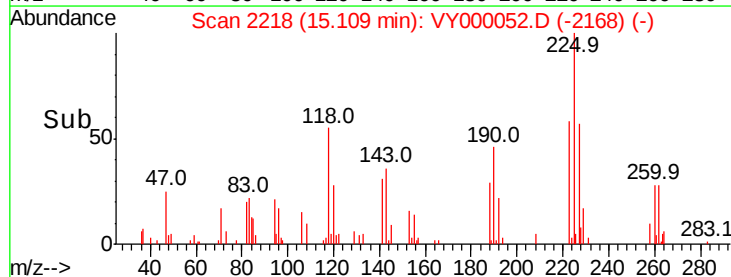
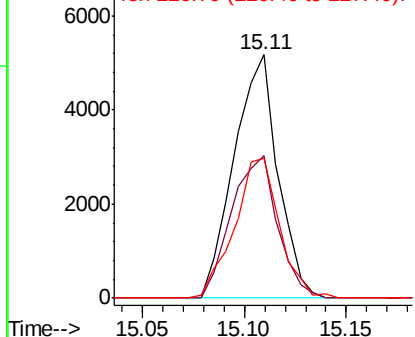


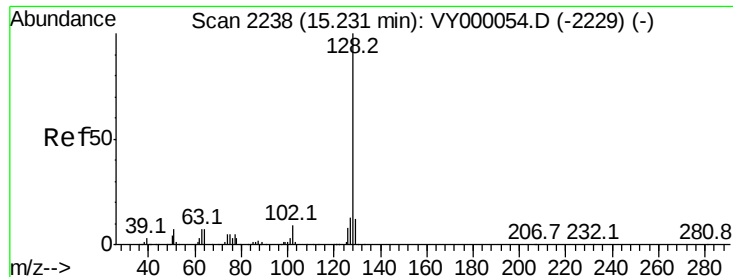
#94
 Hexachlorobutadiene
 Concen: 10.172 ug/l
 RT: 15.11 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: VY000052.D
 Acq: 17 Sep 2019 10:57

Tgt Ion:225 Resp: 7719
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.9 95.5
 227 59.2 30.6 91.6



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





#95

Naphthalene

Concen: 10.000 ug/l

RT: 15.23 min Scan# 2238

Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

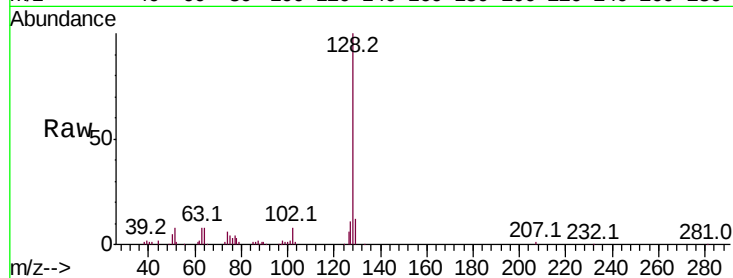
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:128 Resp: 45089

Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.3	15.5
129	11.6	9.2	13.8

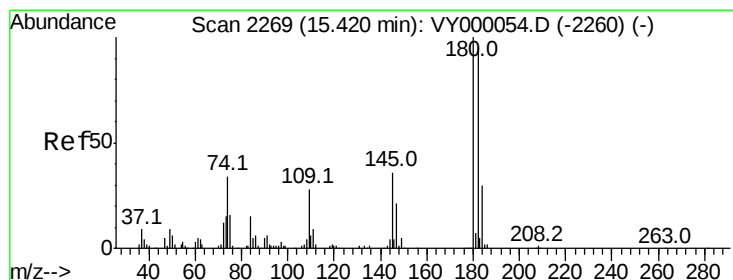
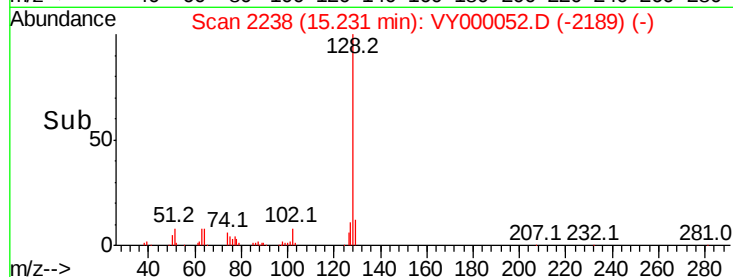
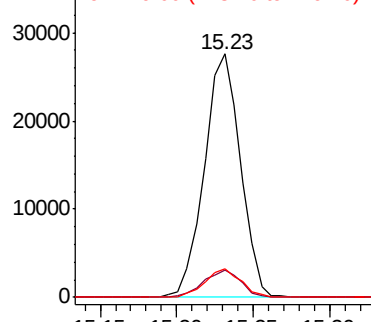


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 10.261 ug/l

RT: 15.42 min Scan# 2269

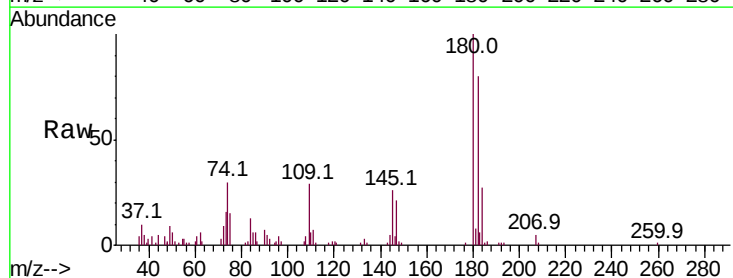
Delta R.T. -0.00 min

Lab File: VY000052.D

Acq: 17 Sep 2019 10:57

Tgt Ion:180 Resp: 15220

Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.5	142.5
145	34.4	17.4	52.2



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

