

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001393.D
 Acq On : 24 Jan 2020 19:15
 Operator : SY/MD
 Sample : L1268-01
 Misc : 3.25G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 03:52:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	162777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	313476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	300486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	128947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	95235	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	7.74	113	90424	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	10.20	98	371867	52.02	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.49	95	142515	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
9) 1,1,2-Trichlorotrifluoroet	3.99	101	24833	15.066	ug/l #	19
11) Tert butyl alcohol	4.99	59	14687	50.481	ug/l	95
13) Acrolein	3.97	56	7212	44.270	ug/l #	1
15) Acrylonitrile	5.21	53	1552	2.775	ug/l #	22
17) Carbon Disulfide	4.19	76	48092	8.848	ug/l	99
18) Methyl Acetate	4.50	43	177902	119.102	ug/l	96
20) Methylene Chloride	4.75	84	8199	Below Cal		98
25) 2-Butanone	7.02	43	115553	149.885	ug/l	100
29) Tetrahydrofuran	7.39	42	3515	7.008	ug/l #	53
31) Cyclohexane	7.78	56	526165	153.621	ug/l #	45
36) 1,1-Dichloropropene	7.82	75	13874	4.685	ug/l #	71
37) Ethyl Acetate	7.02	43	115553	63.861	ug/l #	68
38) Carbon Tetrachloride	7.82	117	15467	5.860	ug/l #	16
39) Methylcyclohexane	9.20	83	107328	28.290	ug/l	99
41) Methacrylonitrile	7.55	41	47168	50.515	ug/l #	100
43) Isopropyl Acetate	8.28	43	242063	68.799	ug/l #	53
48) Methyl methacrylate	9.31	41	18038	11.277	ug/l	99
49) 1,4-Dioxane	9.32	88	420	24.713	ug/l #	8
51) 4-Methyl-2-Pentanone	10.10	43	115047	63.494	ug/l	100
52) Toluene	10.27	92	22636205	4021.308	ug/l #	1
53) t-1,3-Dichloropropene	10.27	75	326886	102.369	ug/l #	1
55) 1,1,2-Trichloroethane	10.63	97	1933	1.087	ug/l #	18
59) 2-Hexanone	10.84	43	11652	9.237	ug/l	92
67) Ethyl Benzene	11.60	91	81733	7.002	ug/l	96
68) m/p-Xylenes	11.70	106	76904	17.640	ug/l	99
69) o-Xylene	12.03	106	39603	9.443	ug/l	95
70) Styrene	12.05	104	8281	1.125	ug/l #	29
73) Isopropylbenzene	12.33	105	34375	3.378	ug/l	99
74) N-amyl acetate	12.11	43	71875	21.580	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.61	83	9668	4.437	ug/l #	26
76) 1,2,3-Trichloropropane	12.74	75	3221	2.073	ug/l #	100
78) n-propylbenzene	12.67	91	155692	12.713	ug/l	99
79) 2-Chlorotoluene	12.74	91	45432	6.494	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.82	105	225402	26.539	ug/l	100

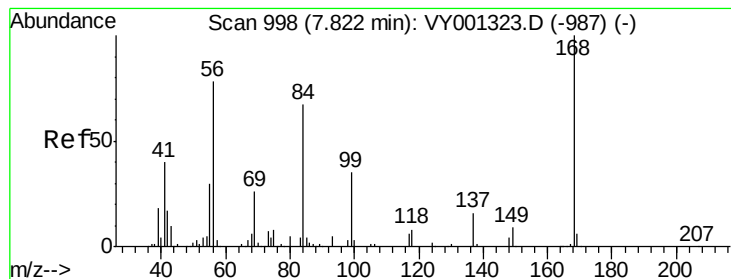
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001393.D
 Acq On : 24 Jan 2020 19:15
 Operator : SY/MD
 Sample : L1268-01
 Misc : 3.25G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 03:52:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.49	75	69273	84.367	ug/l #	14
82) 4-Chlorotoluene	12.81	91	24140	3.230	ug/l #	48
83) tert-Butylbenzene	13.13	119	121206	16.930	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.13	105	995345	116.728	ug/l	99
85) sec-Butylbenzene	13.26	105	98130	9.647	ug/l	83
86) p-Isopropyltoluene	13.38	119	82281	9.179	ug/l	99
89) n-Butylbenzene	13.70	91	180979	20.061	ug/l #	73
90) Hexachloroethane	13.98	117	19456	11.451	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.38	75	432	1.149	ug/l #	26
95) Naphthalene	15.24	128	304120	49.506	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

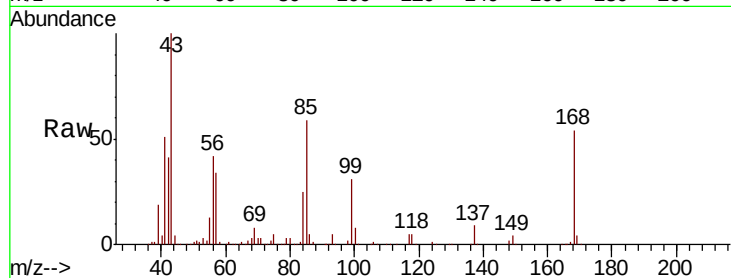
ClientSampleId :

Tot Ion:168 Resp: 162777

Ion Ratio Lower Upper

168 100

99 56.8 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.82

80000

60000

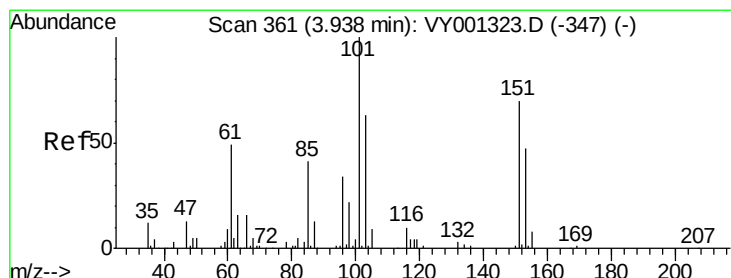
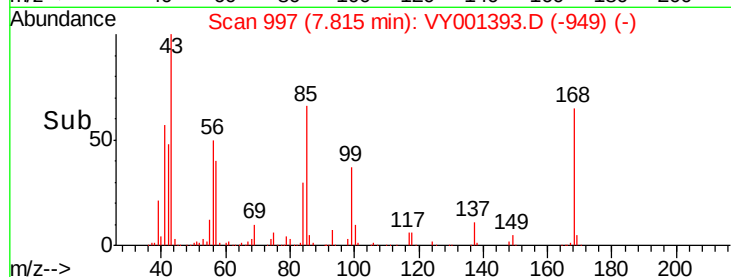
40000

20000

0

Time-->

7.70 7.80 7.90



#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.066 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.05 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

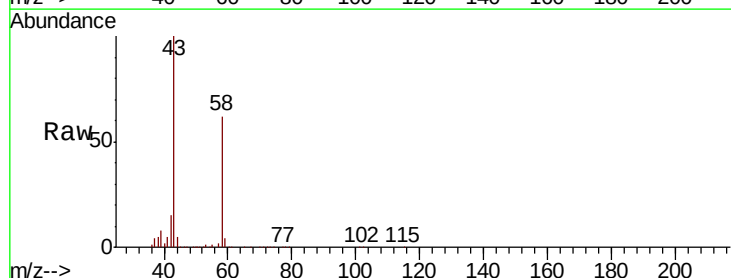
Tgt Ion:101 Resp: 24833

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 59.9 89.9#



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

3.99

10000

8000

6000

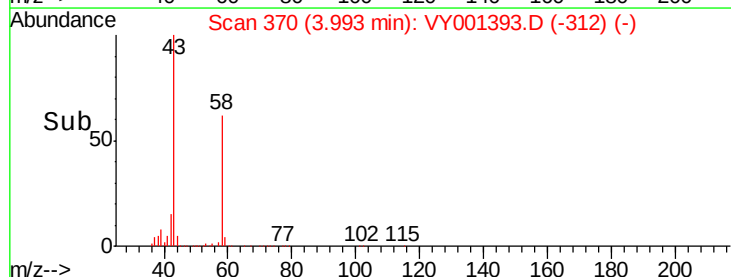
4000

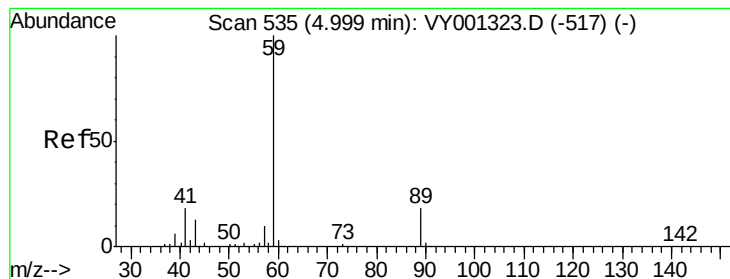
2000

0

Time-->

3.90 3.95 4.00 4.05 4.10





#11

Tert butyl alcohol

Concen: 50.481 ug/l

RT: 4.99 min Scan# 534

Delta R.T. -0.01 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

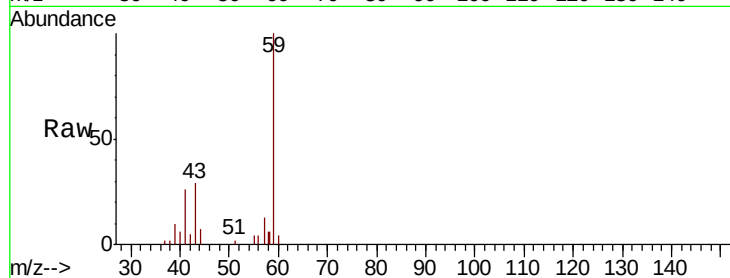
ClientSampleId :

Tot Ion: 59 Resp: 14687

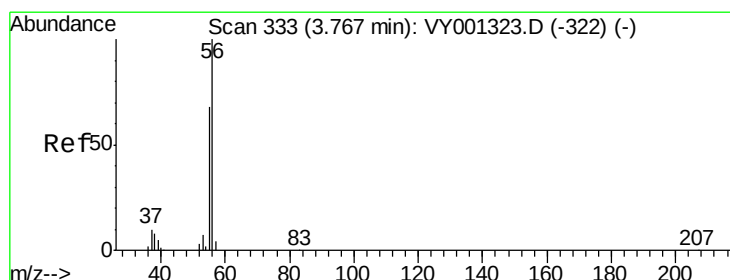
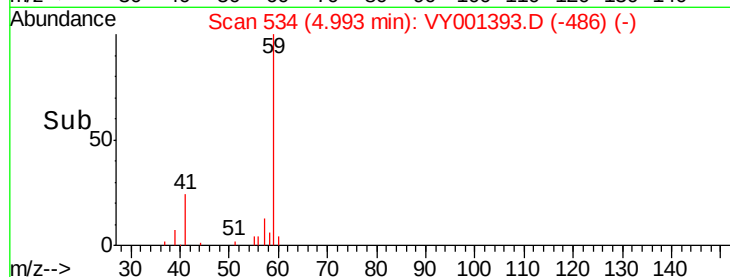
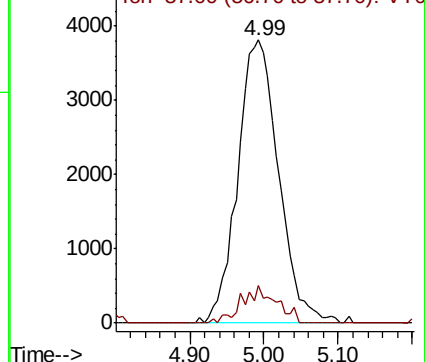
Ion Ratio Lower Upper

59 100

57 11.1 7.4 11.2



Abundance Ion 59.00 (58.70 to 59.70): VY001393.D (-486) (-)



#13

Acrolein

Concen: 44.270 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.21 min

Lab File: VY001393.D

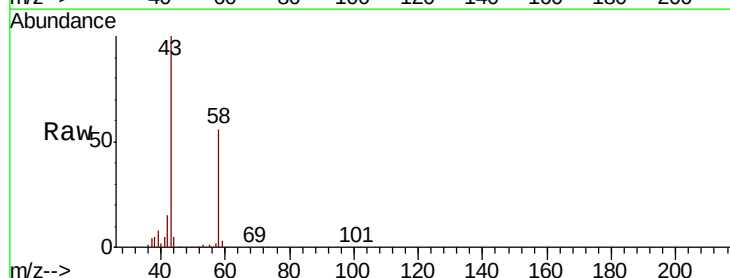
Acq: 24 Jan 2020 19:15

Tgt Ion: 56 Resp: 7212

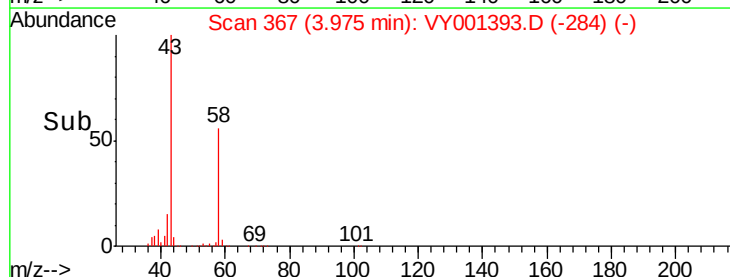
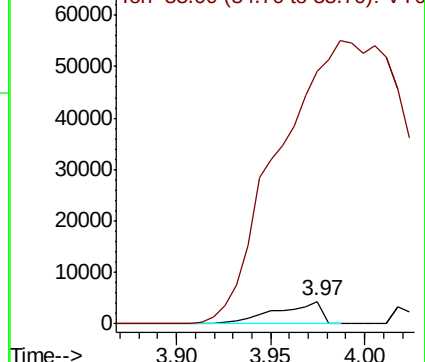
Ion Ratio Lower Upper

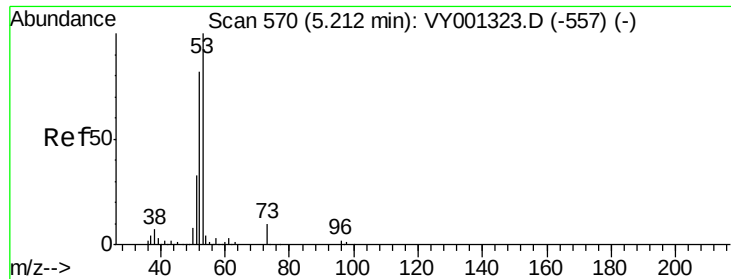
56 100

55 3696.2 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VY001393.D (-284) (-)





#15

Acrylonitrile

Concen: 2.775 ug/l

RT: 5.21 min Scan# 569

Delta R.T. -0.01 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

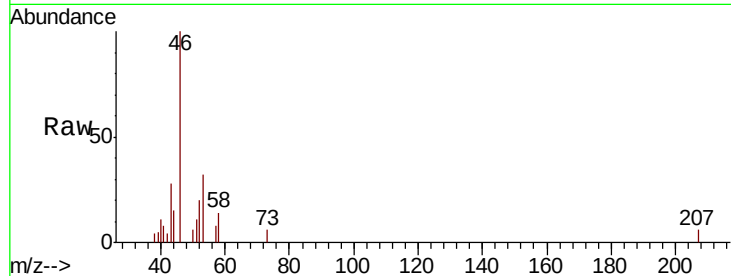
Tot Ion: 53 Resp: 1552

Ion Ratio Lower Upper

53 100

52 0.0 65.3 97.9#

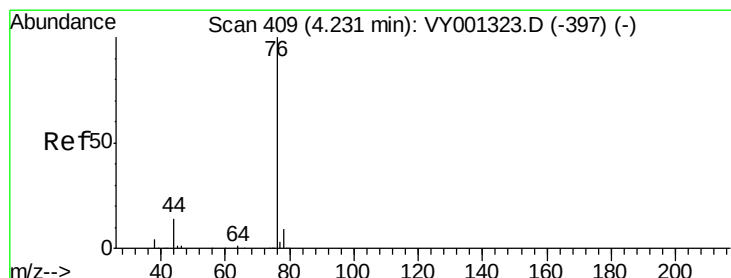
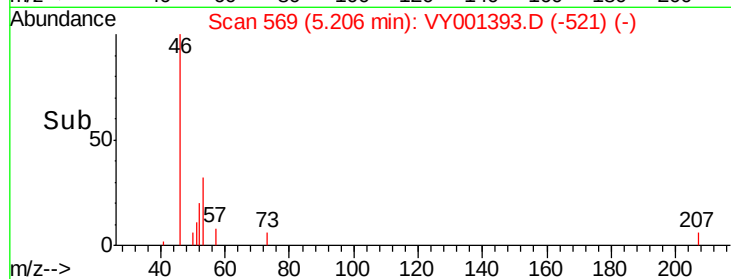
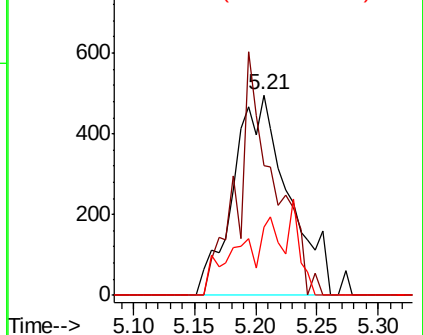
51 7.7 28.4 42.6#



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



#17

Carbon Disulfide

Concen: 8.848 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.04 min

Lab File: VY001393.D

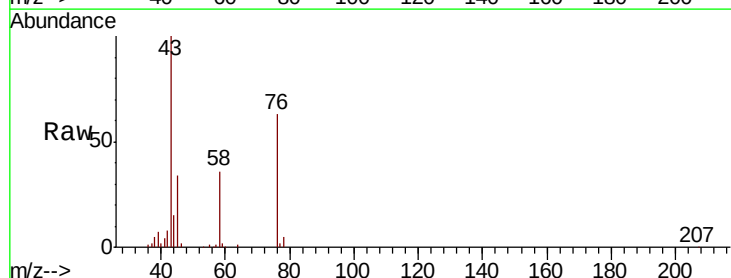
Acq: 24 Jan 2020 19:15

Tgt Ion: 76 Resp: 48092

Ion Ratio Lower Upper

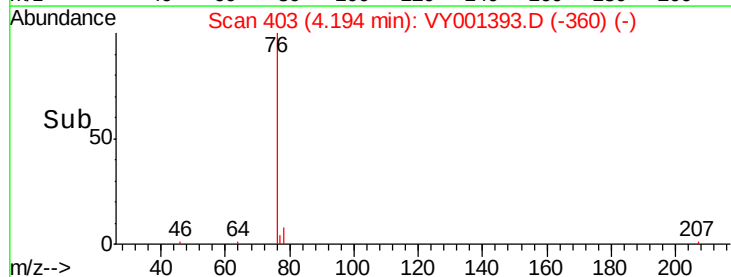
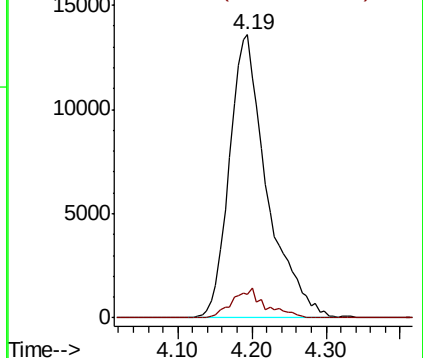
76 100

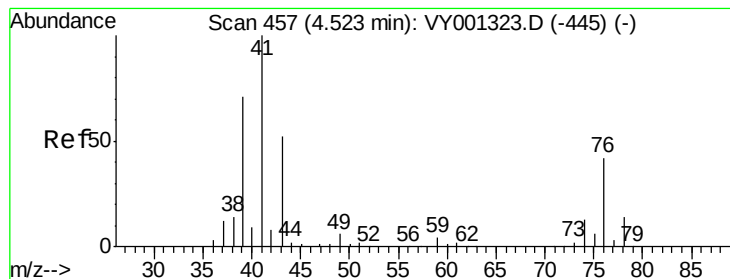
78 8.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0





#18

Methyl Acetate

Concen: 119.102 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.02 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

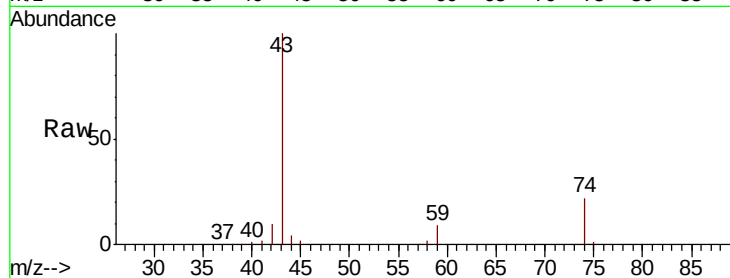
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 177902

Ion Ratio Lower Upper

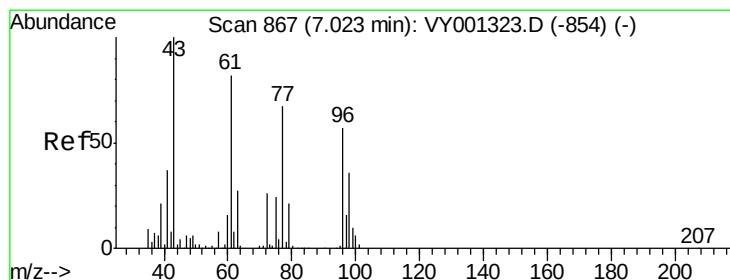
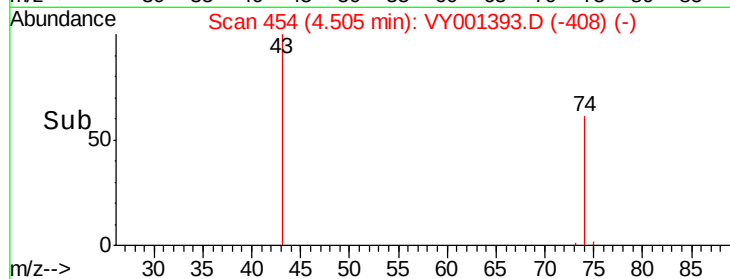
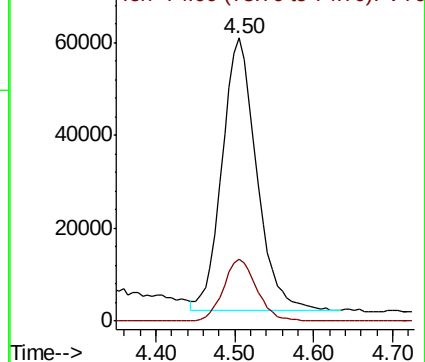
43 100

74 22.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



#25

2-Butanone

Concen: 149.885 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.01 min

Lab File: VY001393.D

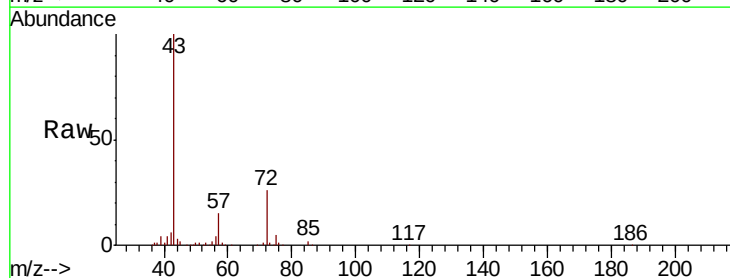
Acq: 24 Jan 2020 19:15

Tgt Ion: 43 Resp: 115553

Ion Ratio Lower Upper

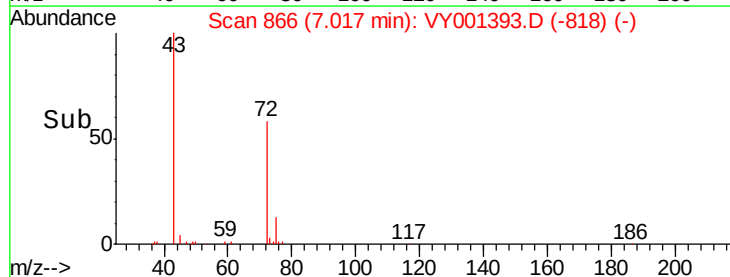
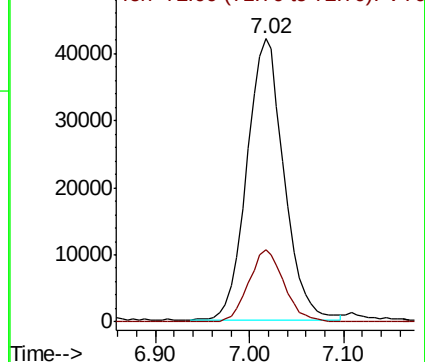
43 100

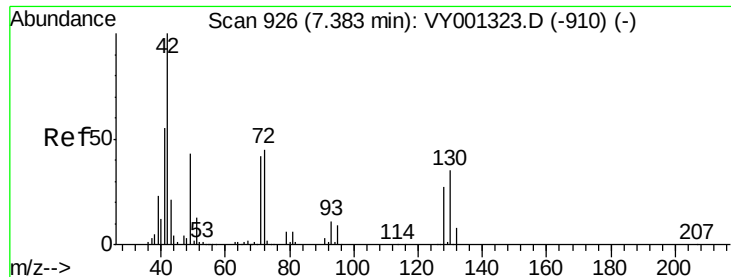
72 25.8 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

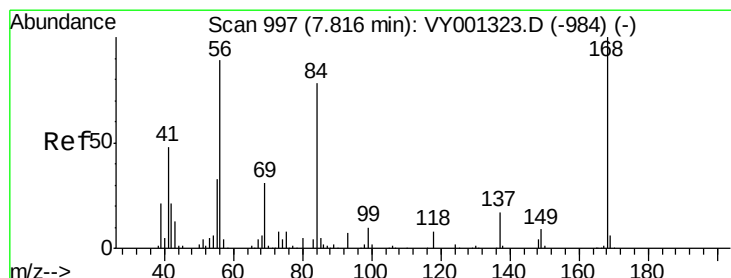
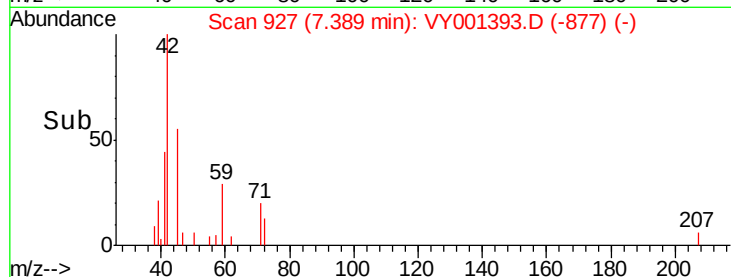
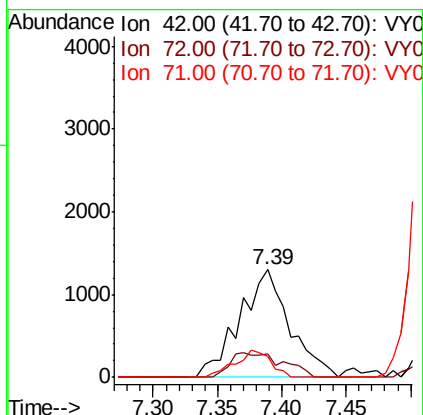
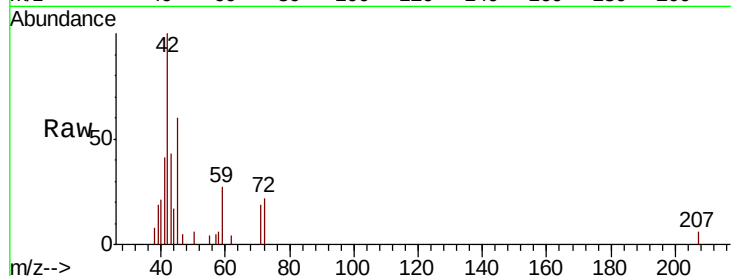




#29
Tetrahydrofuran
Concen: 7.008 ug/l
RT: 7.39 min Scan# 927
Delta R.T. 0.01 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

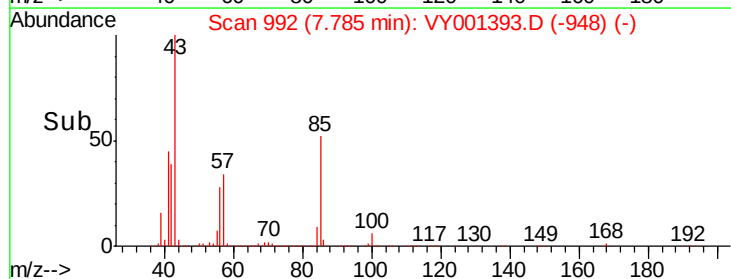
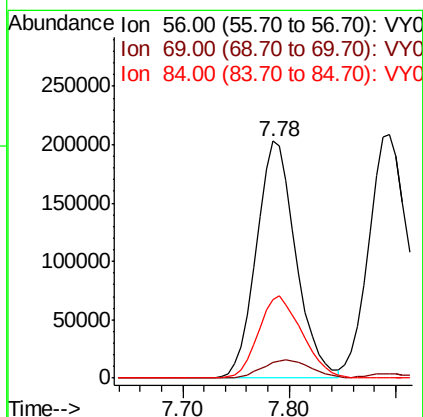
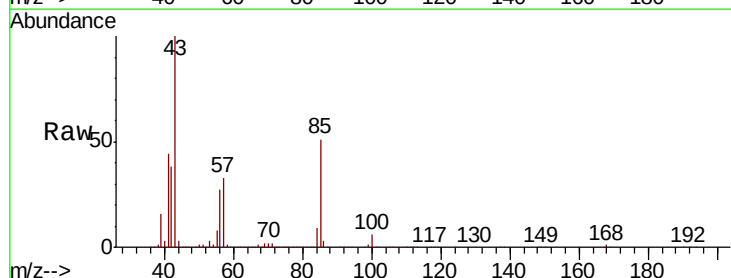
Instrument :
MSVOA_Y
ClientSampleId :

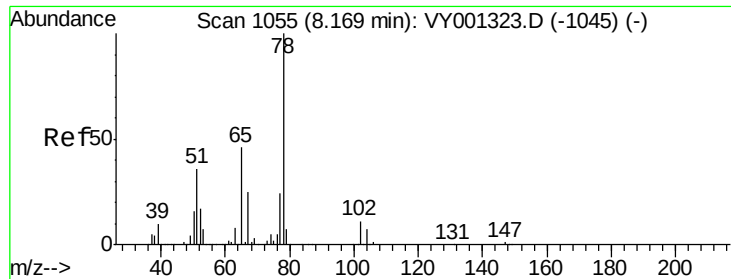
Tot Ion: 42 Resp: 3515
Ion Ratio Lower Upper
42 100
72 24.2 34.6 51.8#
71 0.0 32.6 48.8#



#31
Cyclohexane
Concen: 153.621 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.03 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Tgt Ion: 56 Resp: 526165
Ion Ratio Lower Upper
56 100
69 6.8 27.6 41.4#
84 33.1 69.7 104.5#

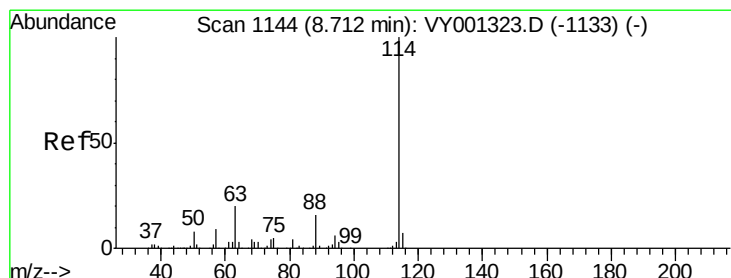
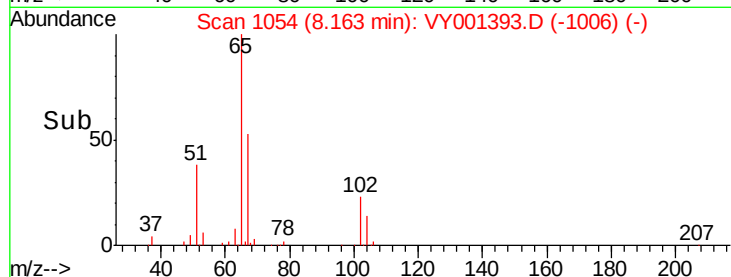
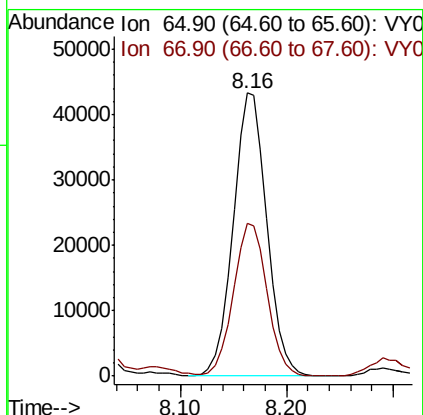
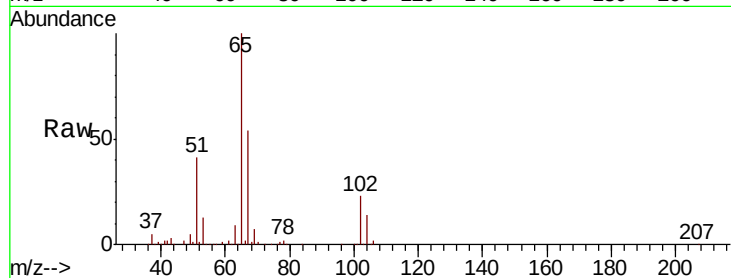




#33
 1,2-Dichloroethane-d4
 Concen: 53.767 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

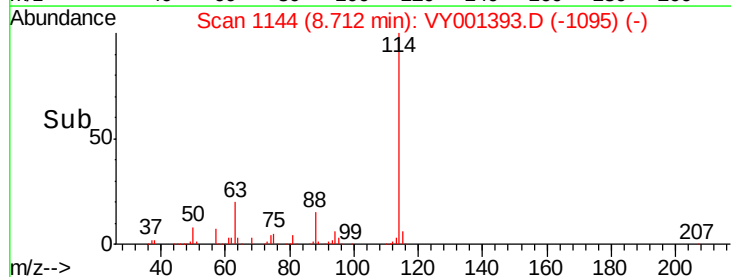
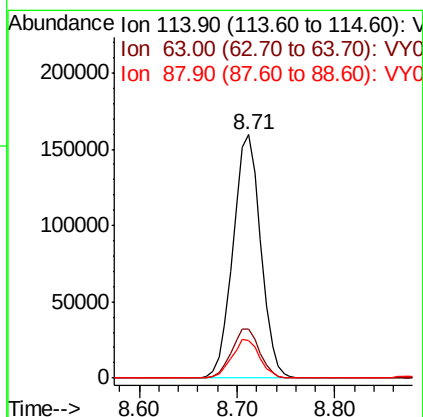
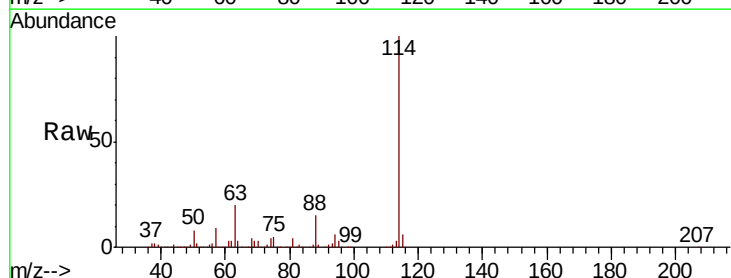
Instrument :
 MSVOA_Y
 ClientSampleId :

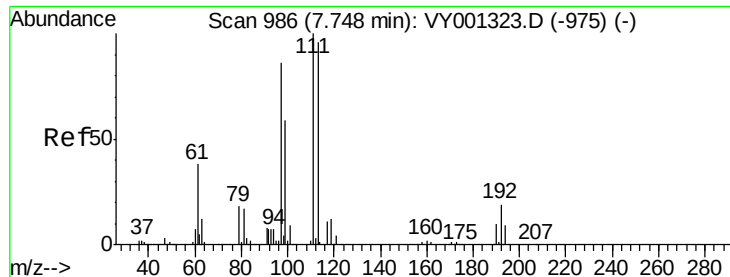
Tot Ion: 65 Resp: 95235
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

Tgt Ion: 114 Resp: 313476
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 15.3 0.0 31.0

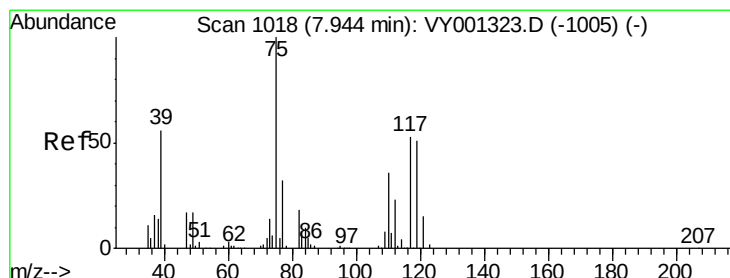
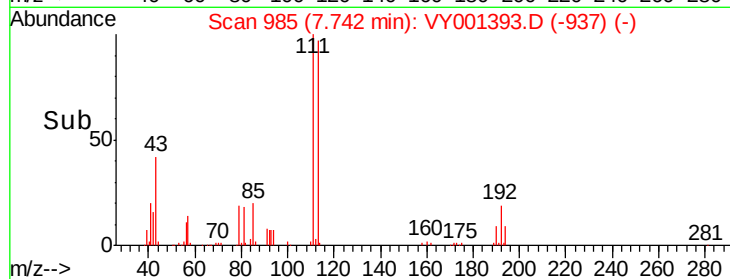
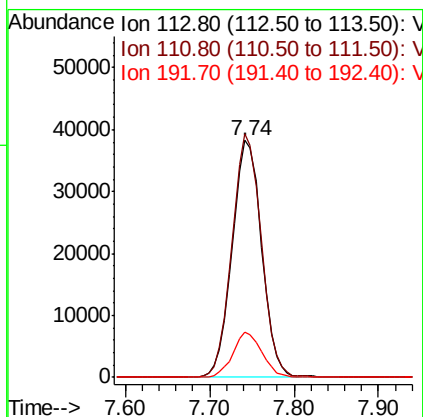
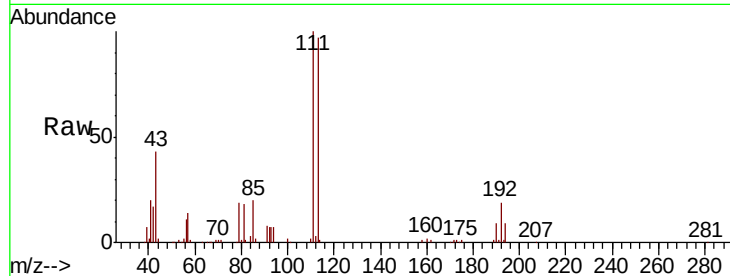




#35
 Dibromofluoromethane
 Concen: 49.148 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

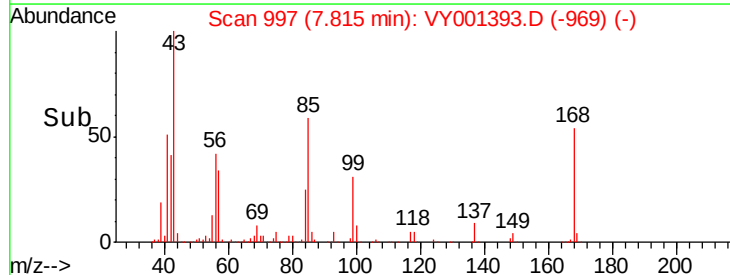
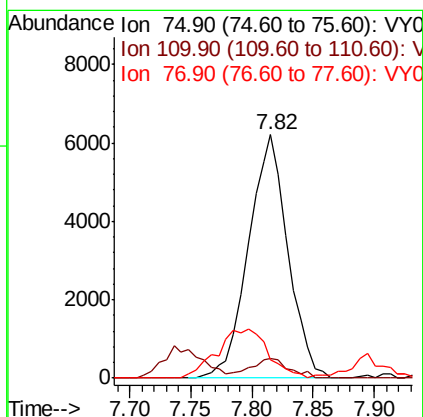
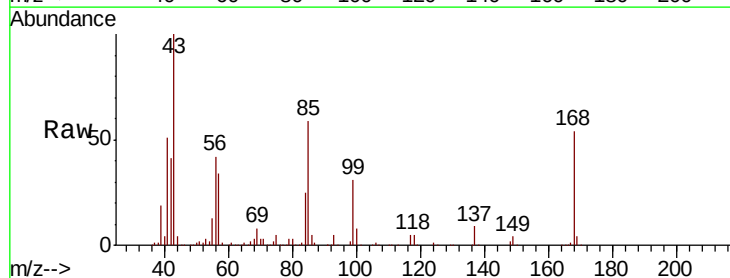
Instrument :
 MSVOA_Y
 ClientSampleId :

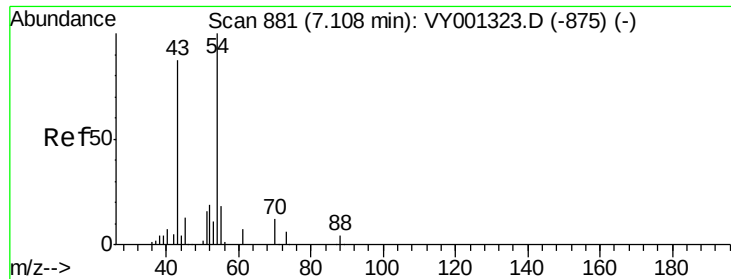
Tot Ion:113 Resp: 90424
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.8 124.2
 192 18.7 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 4.685 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

Tgt Ion: 75 Resp: 13874
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.6 52.8#
 77 26.3 24.7 37.1

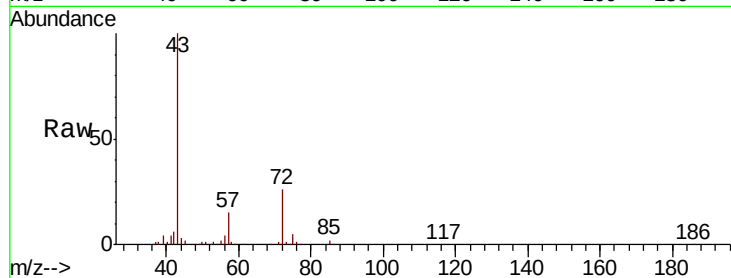




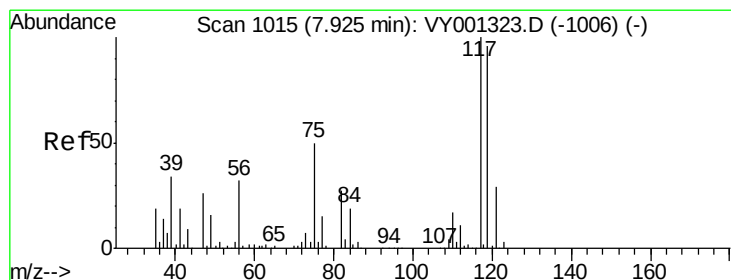
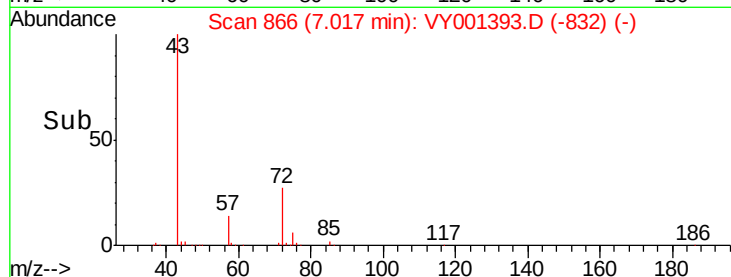
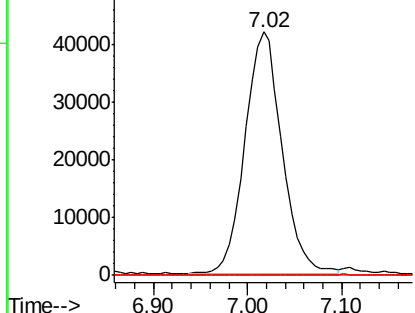
#37
Ethyl Acetate
Concen: 63.861 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.09 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 115553
Ion Ratio Lower Upper
43 100
61 0.2 11.3 16.9#
70 0.0 8.7 13.1#

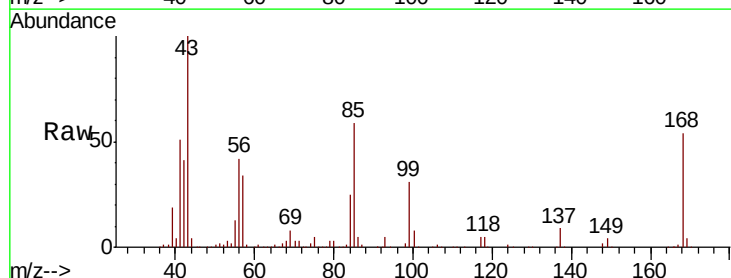


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

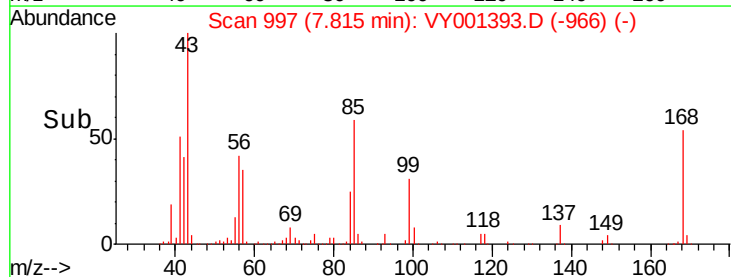
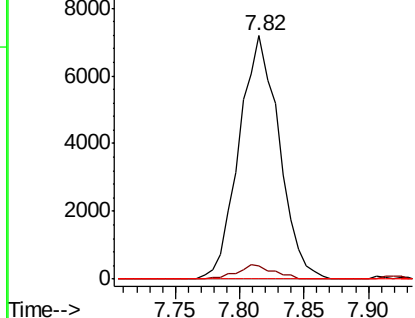


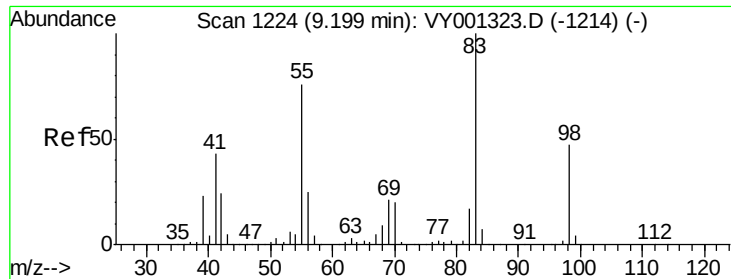
#38
Carbon Tetrachloride
Concen: 5.860 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Tgt Ion: 117 Resp: 15467
Ion Ratio Lower Upper
117 100
119 5.4 76.3 114.5#
121 0.0 23.5 35.3#



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

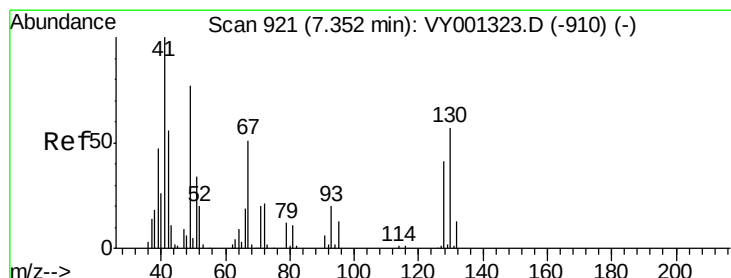
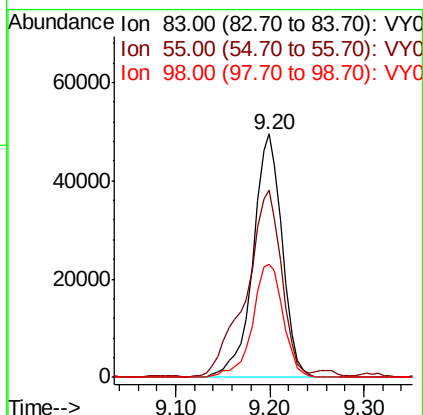
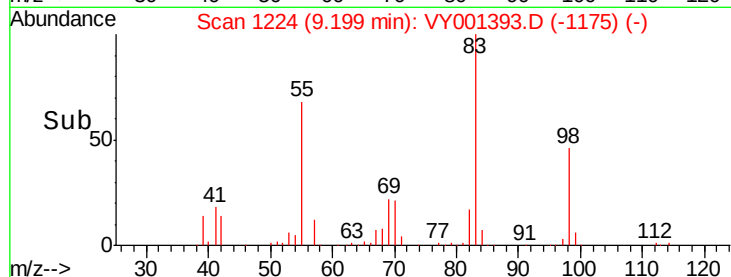
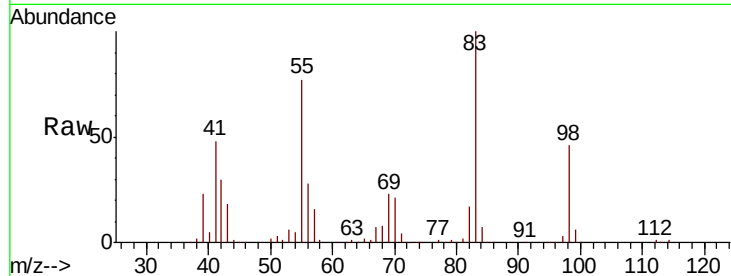




#39
Methylvlcyclohexane
Concen: 28.290 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

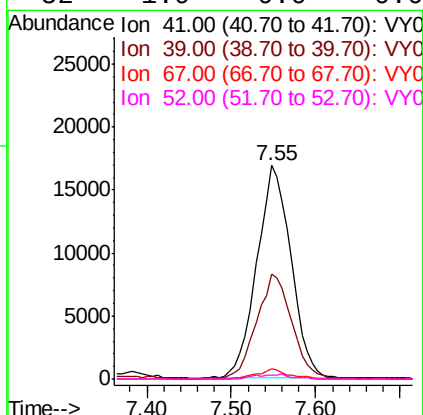
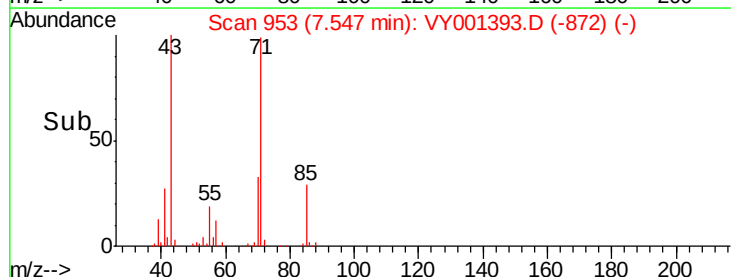
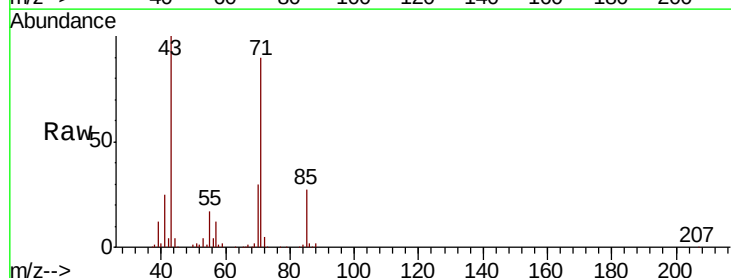
Instrument :
MSVOA_Y
ClientSampleId :

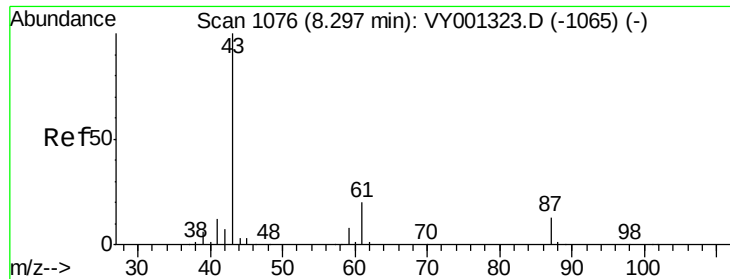
Tot Ion: 83 Resp: 107328
Ion Ratio Lower Upper
83 100
55 76.7 60.7 91.1
98 46.3 37.8 56.8



#41
Methacrylonitrile
Concen: 50.515 ug/l
RT: 7.55 min Scan# 953
Delta R.T. 0.19 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Tgt Ion: 41 Resp: 47168
Ion Ratio Lower Upper
41 100
39 51.1 0.0 0.0#
67 4.2 0.0 0.0#
52 1.9 0.0 0.0#





#43

Isopropyl Acetate

Concen: 68.799 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

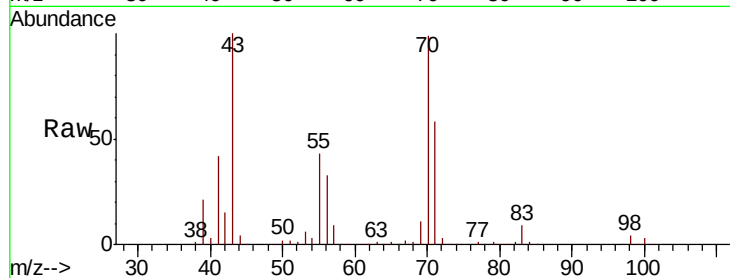
Tot Ion: 43 Resp: 242063

Ion Ratio Lower Upper

43 100

61 0.2 22.7 34.1#

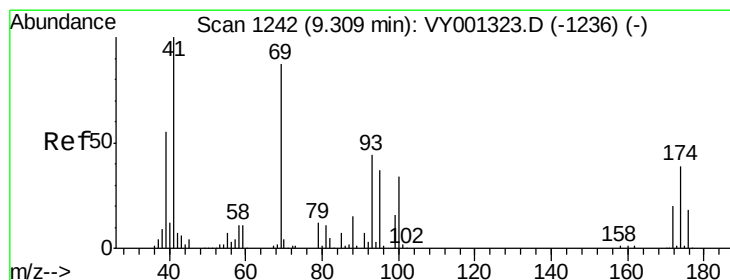
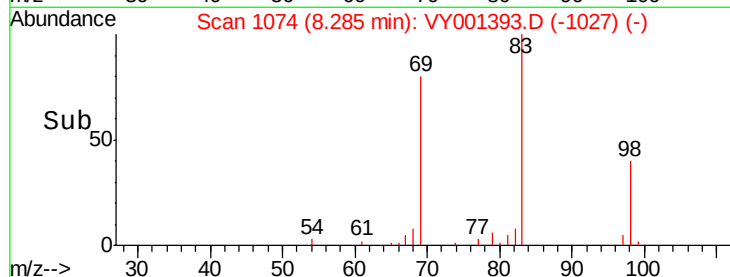
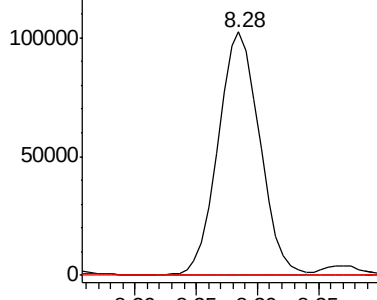
87 0.0 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#48

Methyl methacrylate

Concen: 11.277 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

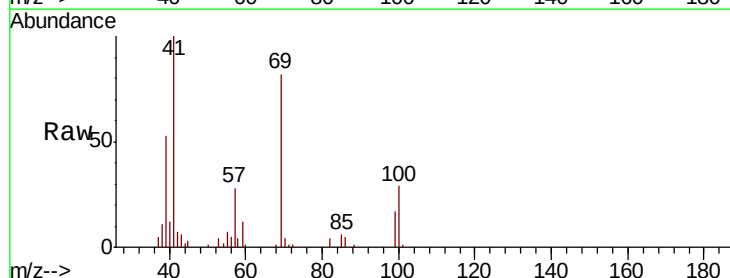
Tgt Ion: 41 Resp: 18038

Ion Ratio Lower Upper

41 100

69 89.7 70.2 105.4

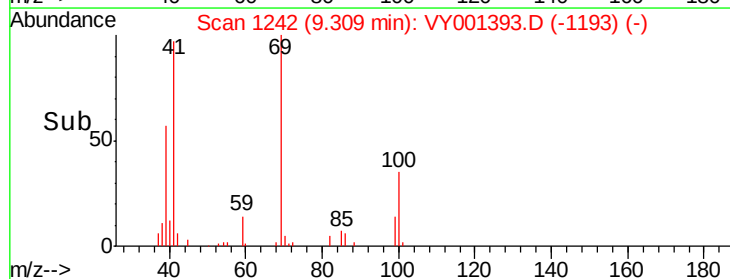
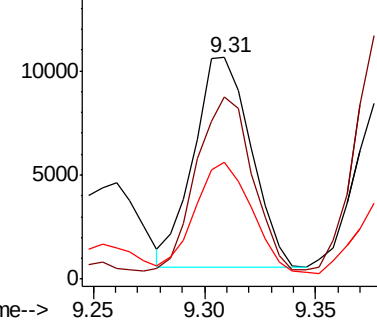
39 56.7 45.7 68.5

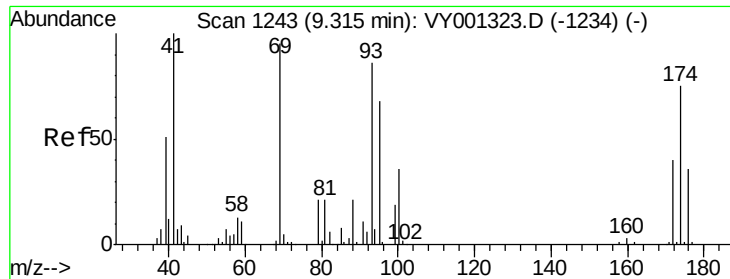


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 24.713 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

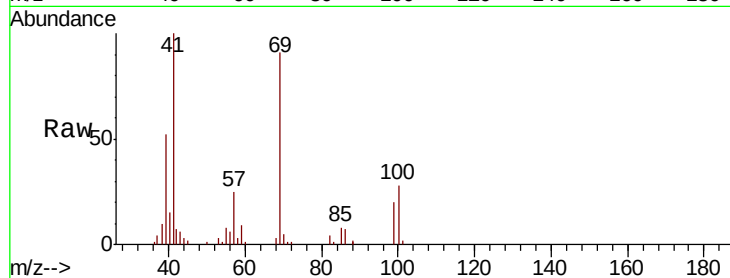
Tot Ion: 88 Resp: 420

Ion Ratio Lower Upper

88 100

43 0.0 28.2 42.2#

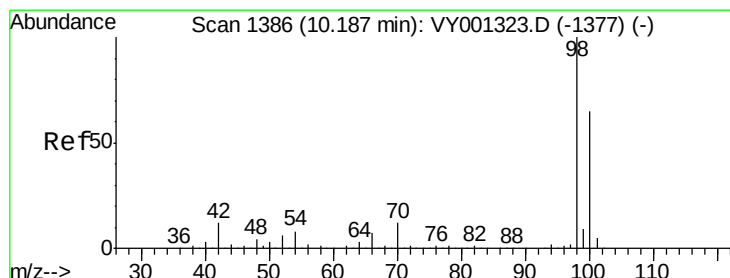
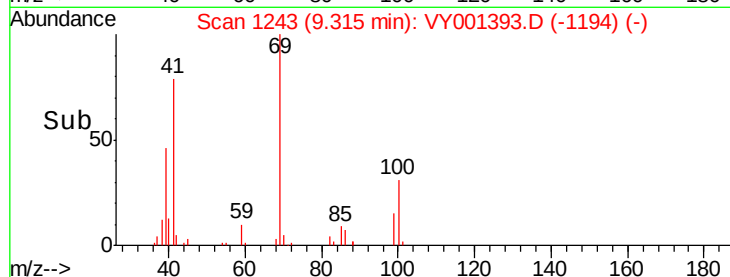
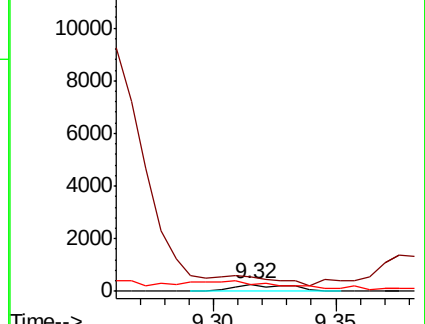
58 157.6 55.6 83.4#



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 52.023 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001393.D

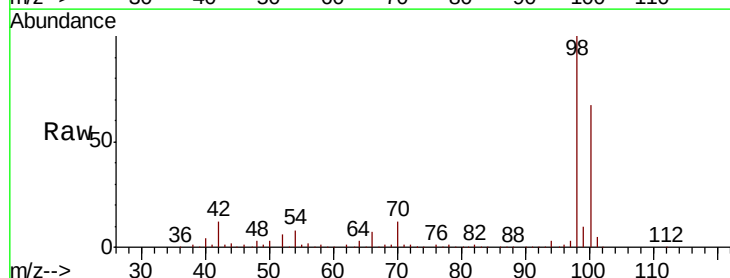
Acq: 24 Jan 2020 19:15

Tgt Ion: 98 Resp: 371867

Ion Ratio Lower Upper

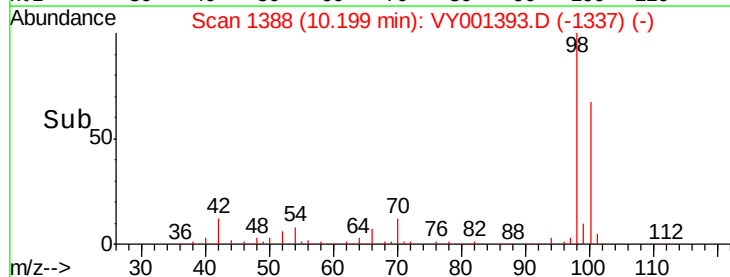
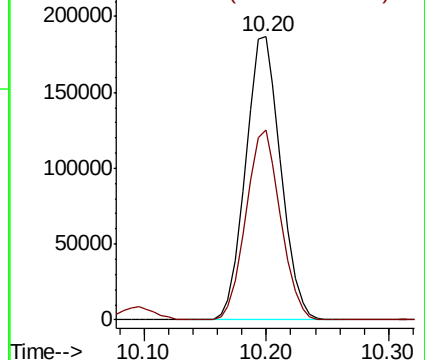
98 100

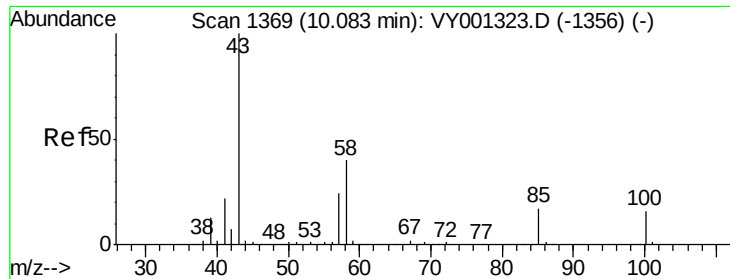
100 66.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 63.494 ug/l

RT: 10.10 min Scan# 1371

Delta R.T. 0.01 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

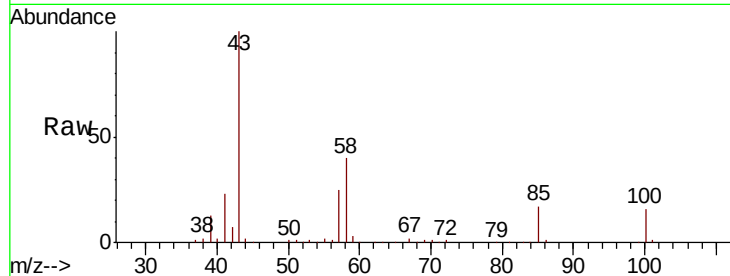
ClientSampleId :

Tot Ion: 43 Resp: 115047

Ion Ratio Lower Upper

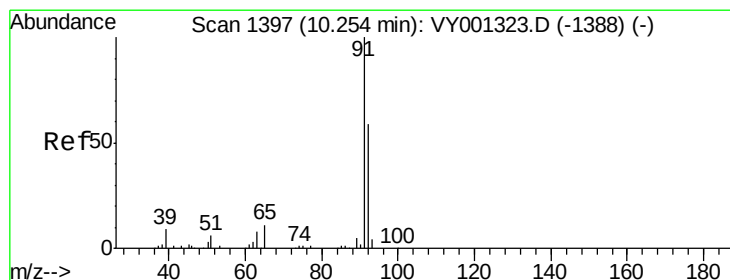
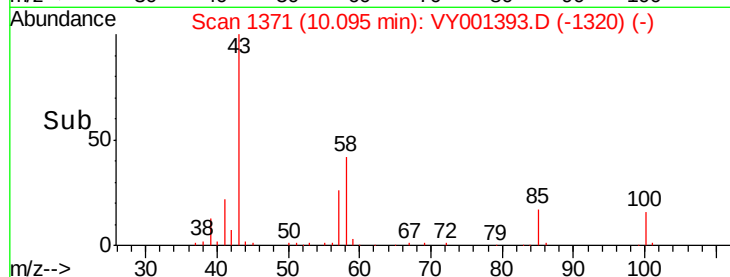
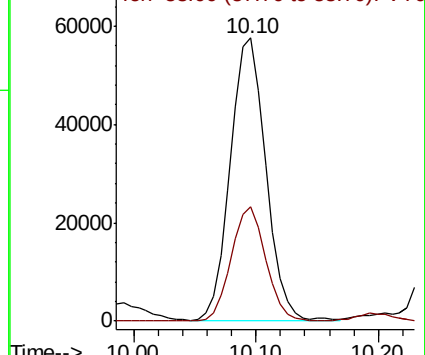
43 100

58 39.5 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-1356) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-1356) (-)



#52

Toluene

Concen: 4021.308 ug/l

RT: 10.27 min Scan# 1400

Delta R.T. 0.02 min

Lab File: VY001393.D

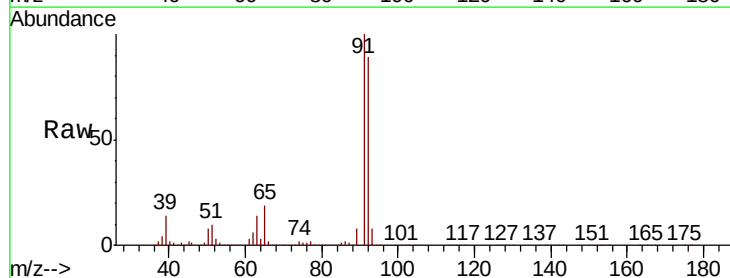
Acq: 24 Jan 2020 19:15

Tgt Ion: 92 Resp: 22636205

Ion Ratio Lower Upper

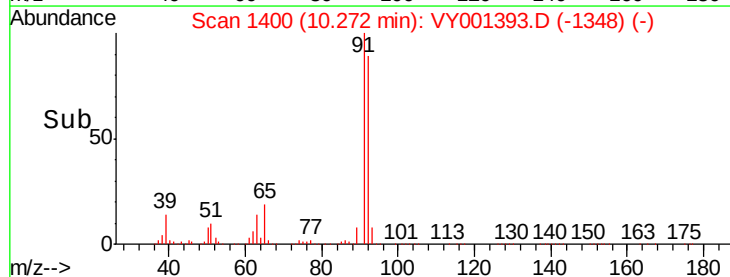
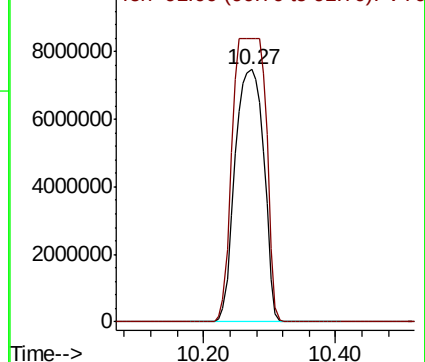
92 100

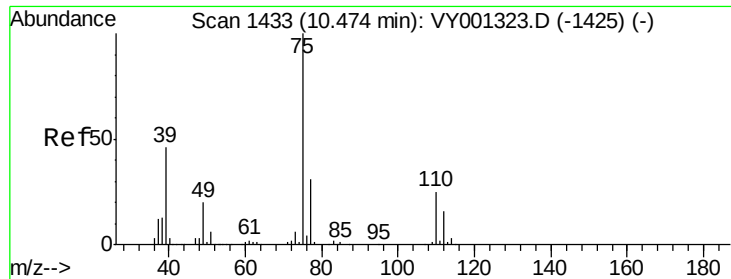
91 0.0 136.4 204.6#



Abundance Ion 92.00 (91.70 to 92.70): VY001323.D (-1388) (-)

Ion 91.00 (90.70 to 91.70): VY001323.D (-1388) (-)





#53

t-1,3-Dichloropropene

Concen: 102.369 ug/l

RT: 10.27 min Scan# 1400

Delta R.T. -0.20 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

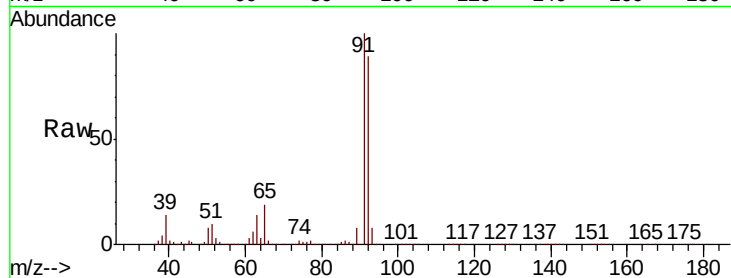
ClientSampleId :

Tot Ion: 75 Resp: 326886

Ion Ratio Lower Upper

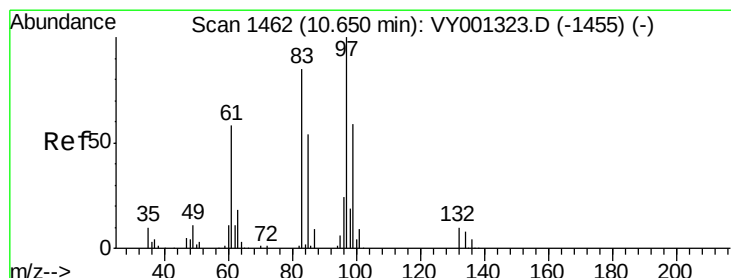
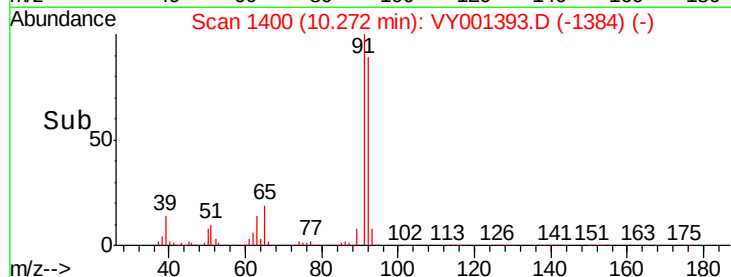
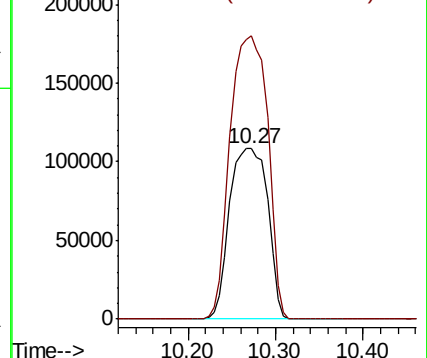
75 100

77 165.8 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#55

1,1,2-Trichloroethane

Concen: 1.087 ug/l

RT: 10.63 min Scan# 1458

Delta R.T. -0.02 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Tgt Ion: 97 Resp: 1933

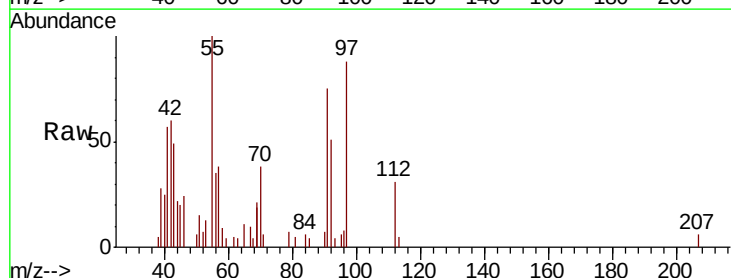
Ion Ratio Lower Upper

97 100

83 0.0 68.0 102.0#

85 4.9 43.6 65.4#

99 0.0 47.1 70.7#

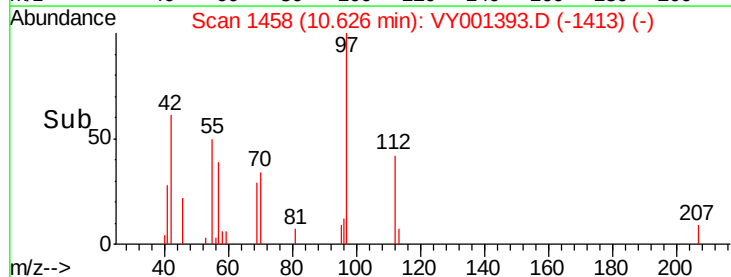
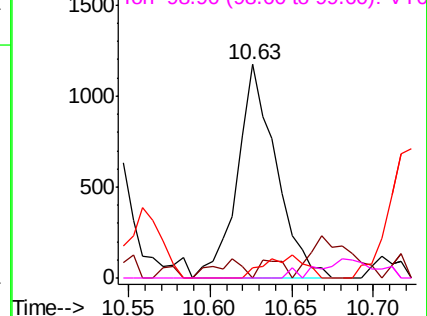


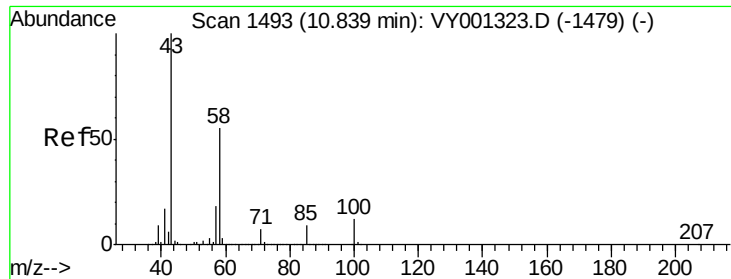
Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

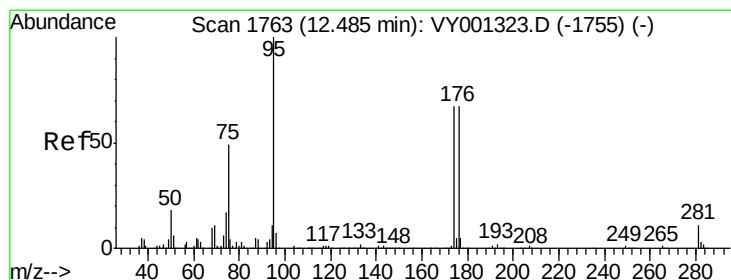
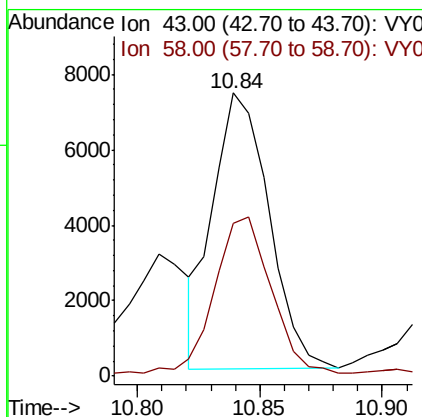
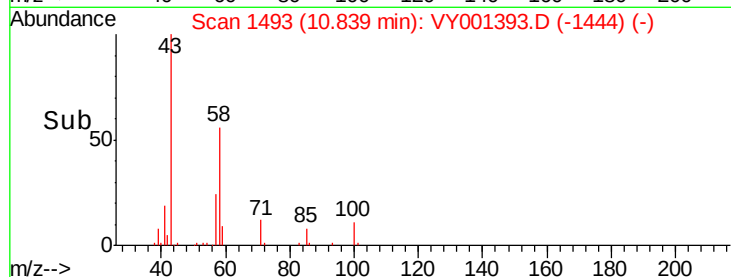
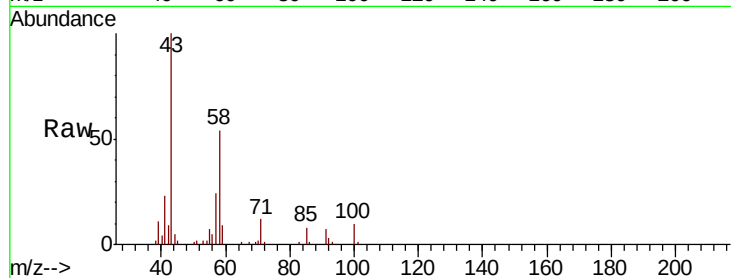




#59
2-Hexanone
Concen: 9.237 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

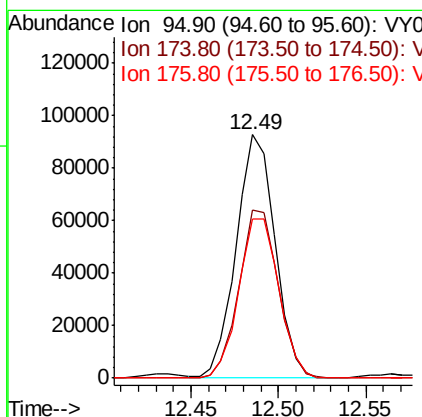
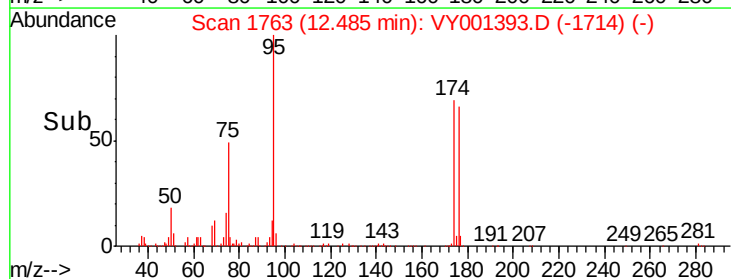
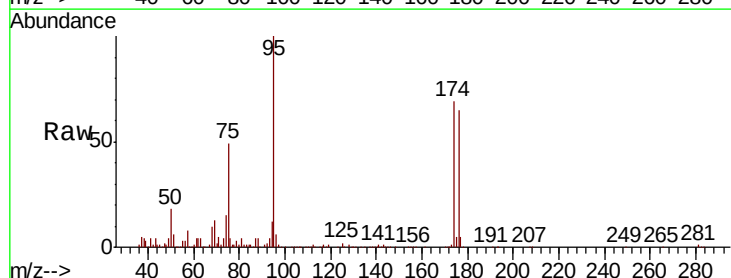
Instrument :
MSVOA_Y
ClientSampleId :

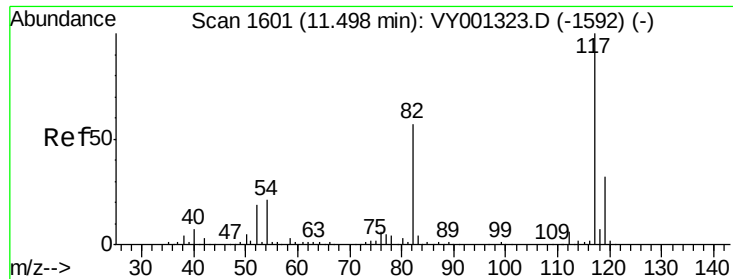
Tot Ion: 43 Resp: 11652
Ion Ratio Lower Upper
43 100
58 60.7 27.6 82.8



#62
4-Bromofluorobenzene
Concen: 50.065 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Tgt Ion: 95 Resp: 142515
Ion Ratio Lower Upper
95 100
174 70.2 0.0 142.0
176 68.3 0.0 138.6

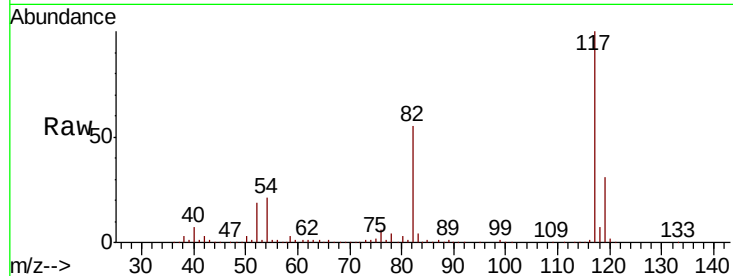




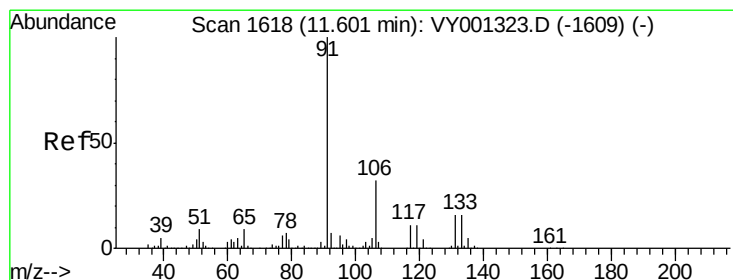
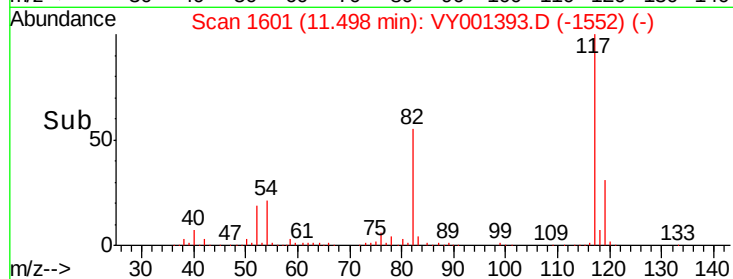
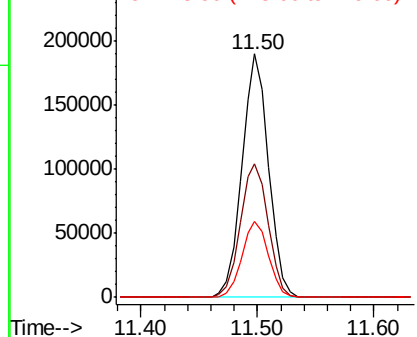
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 300486
Ion Ratio Lower Upper
117 100
82 54.8 45.5 68.3
119 31.2 25.8 38.6

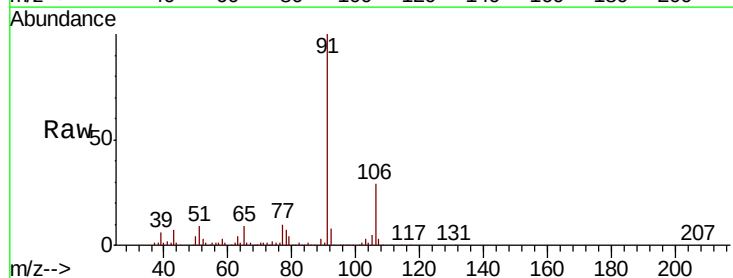


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

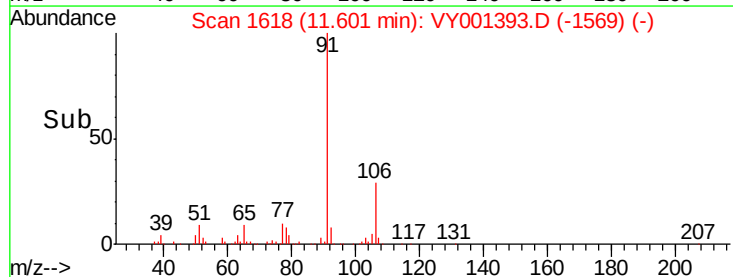
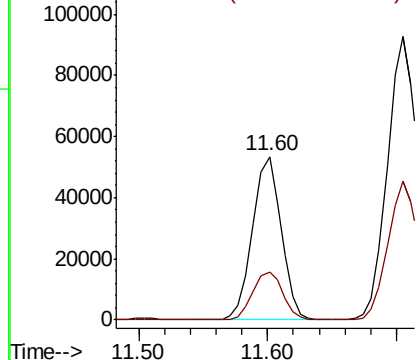


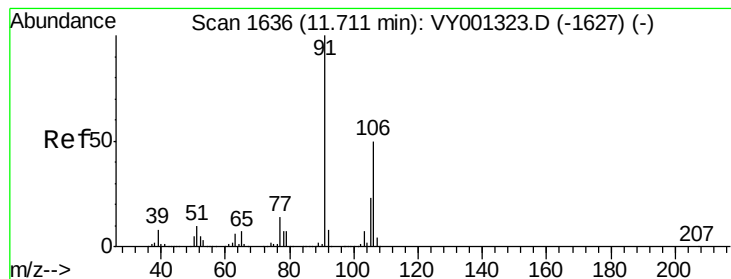
#67
Ethyl Benzene
Concen: 7.002 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Tgt Ion: 91 Resp: 81733
Ion Ratio Lower Upper
91 100
106 29.4 25.4 38.0



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





#68

m/p-Xylenes

Concen: 17.640 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

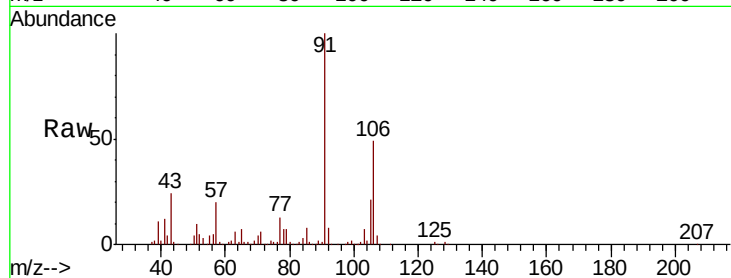
ClientSampleId :

Tot Ion:106 Resp: 76904

Ion Ratio Lower Upper

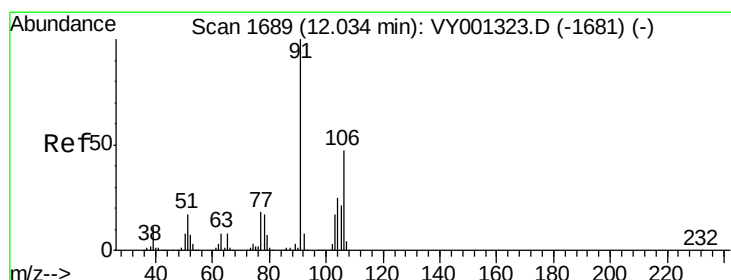
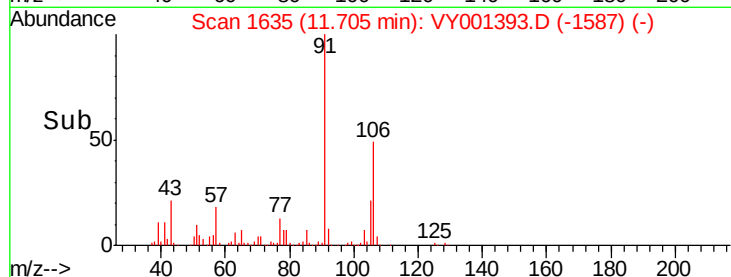
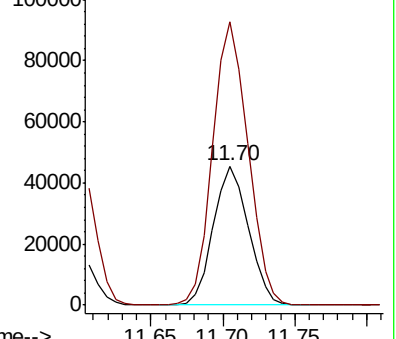
106 100

91 204.5 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#69

o-Xylene

Concen: 9.443 ug/l

RT: 12.03 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VY001393.D

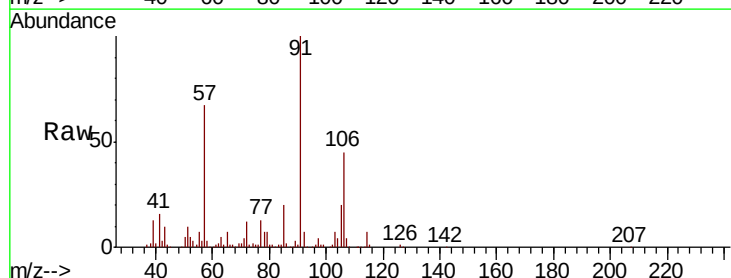
Acq: 24 Jan 2020 19:15

Tgt Ion:106 Resp: 39603

Ion Ratio Lower Upper

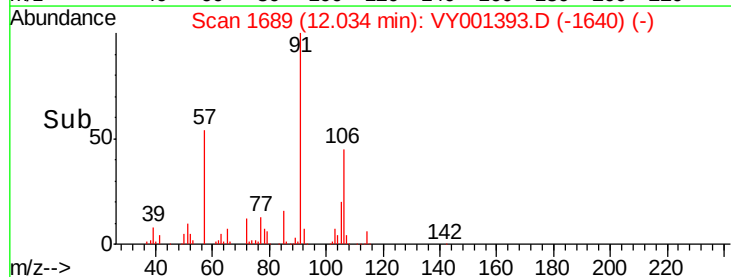
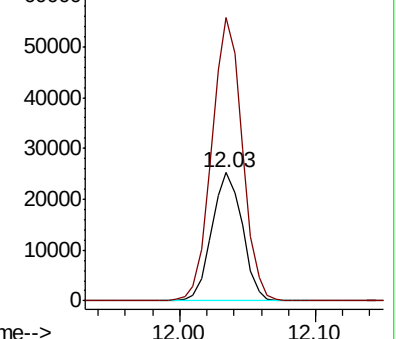
106 100

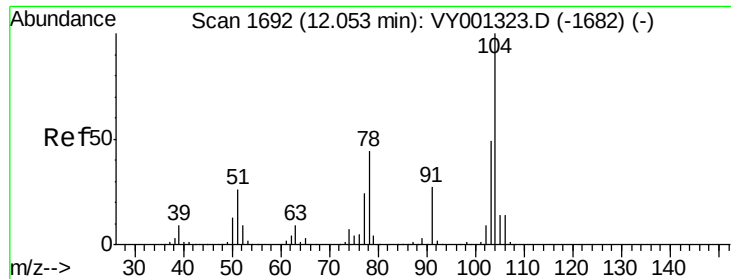
91 220.0 106.3 319.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





#70

Stvrene

Concen: 1.125 ug/l

RT: 12.05 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

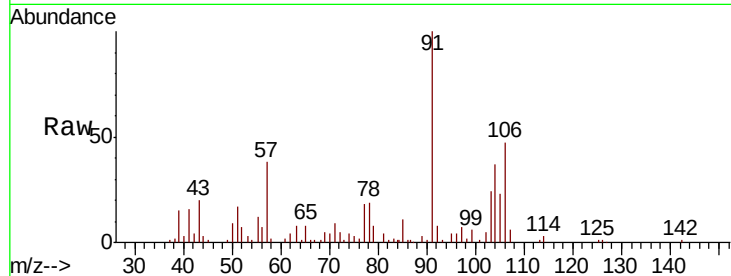
Tot Ion:104 Resp: 8281

Ion Ratio Lower Upper

104 100

78 99.2 39.8 59.8#

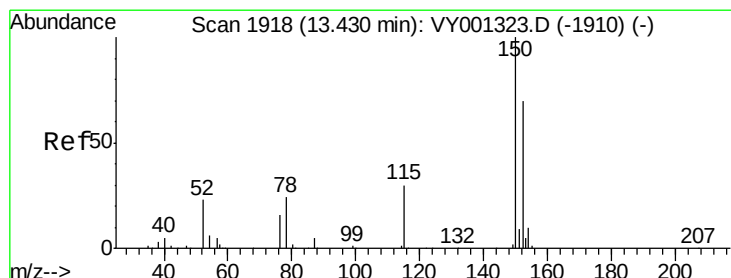
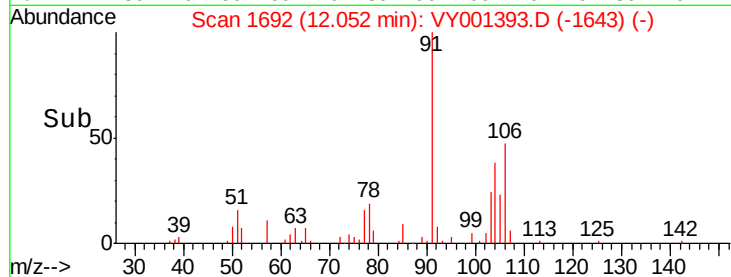
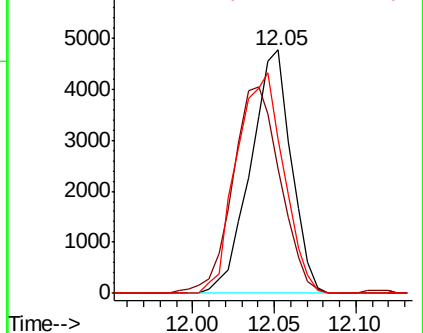
103 104.6 43.2 64.8#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

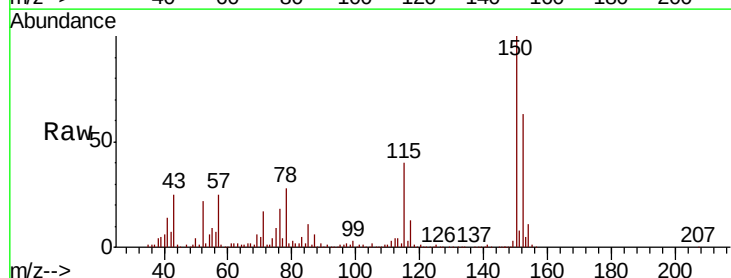
Tgt Ion:152 Resp: 128947

Ion Ratio Lower Upper

152 100

115 78.1 30.9 92.8

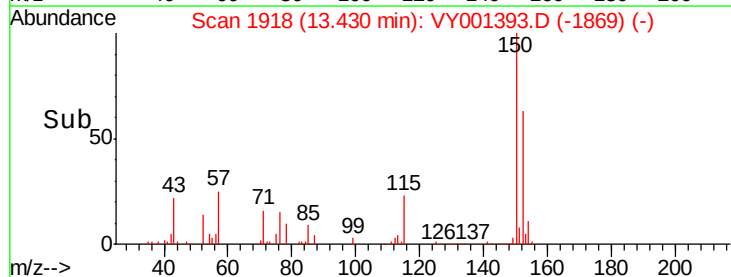
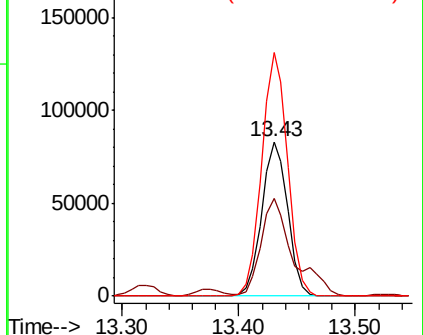
150 156.0 0.0 349.2

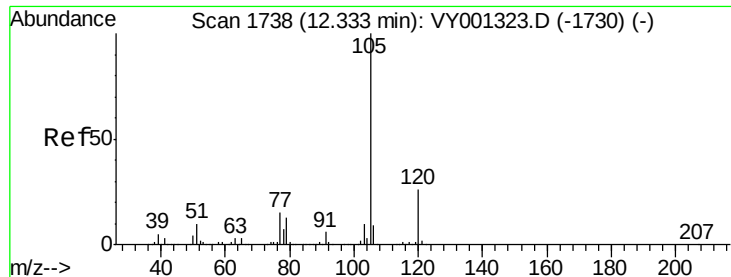


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

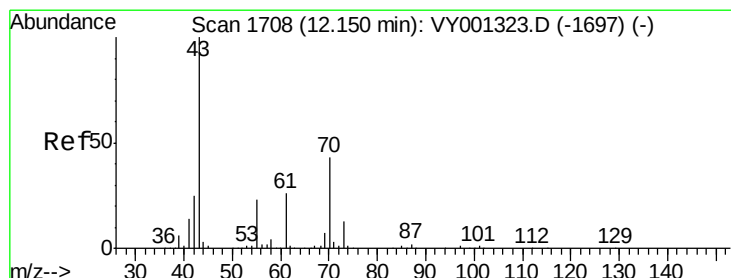
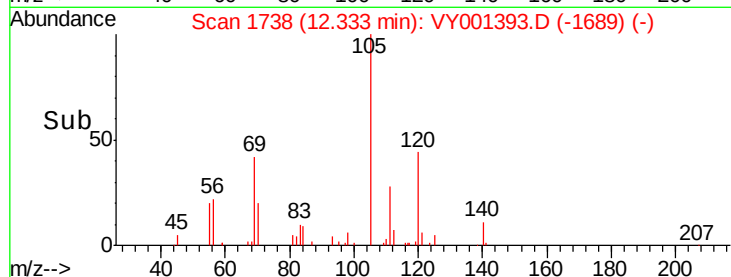
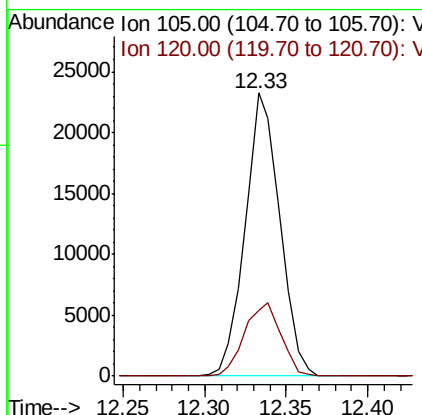
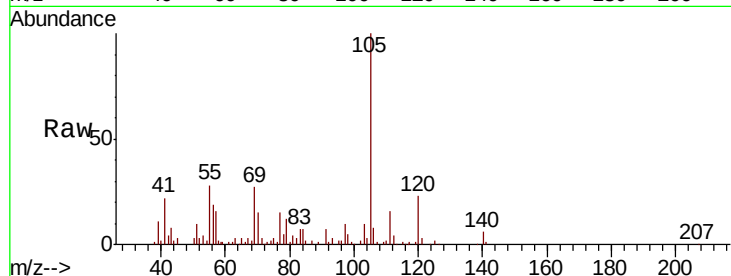




#73
Isopropylbenzene
Concen: 3.378 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

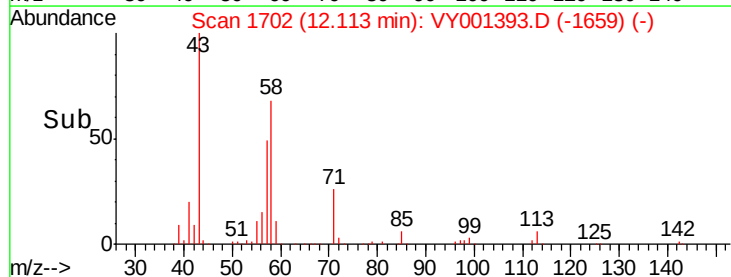
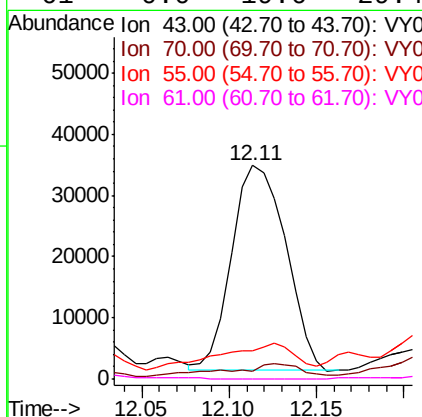
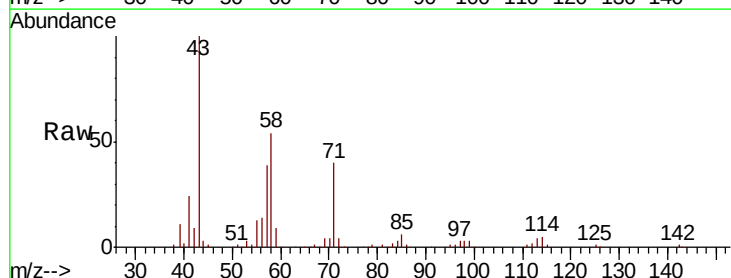
Instrument :
MSVOA_Y
ClientSampled :

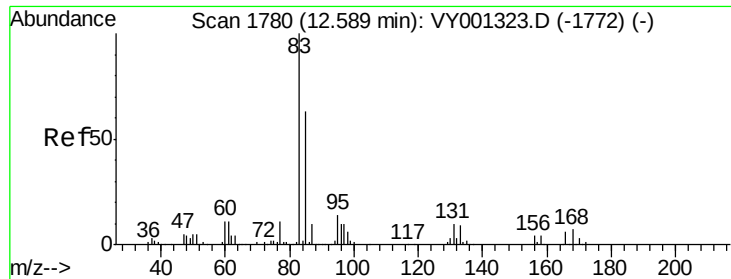
Tot Ion:105 Resp: 34375
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 21.580 ug/l
RT: 12.11 min Scan# 1702
Delta R.T. -0.04 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Tgt Ion: 43 Resp: 71875
Ion Ratio Lower Upper
43 100
70 5.0 33.5 50.3#
55 17.6 18.2 27.2#
61 0.0 19.6 29.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 4.437 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.02 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

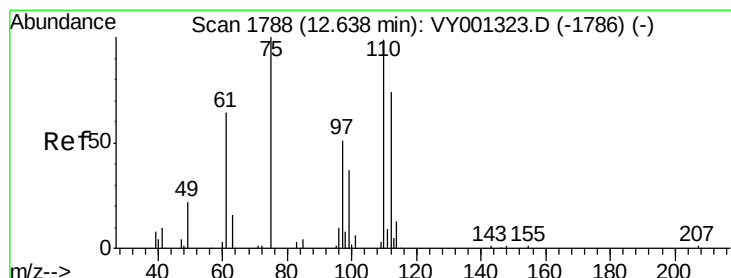
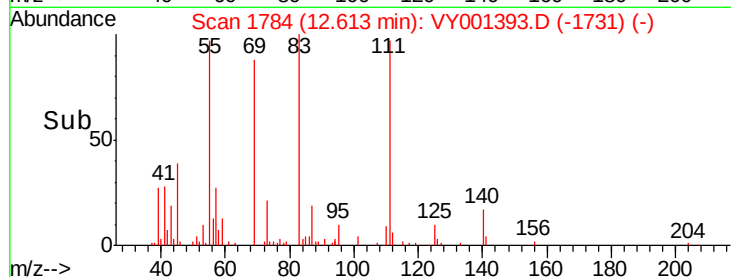
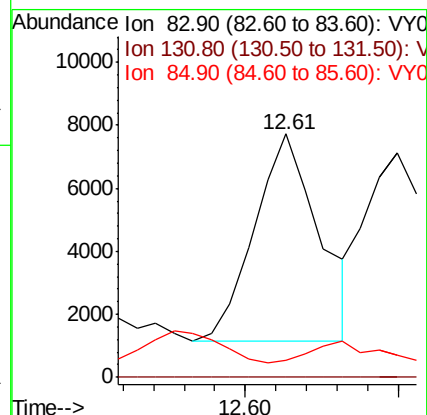
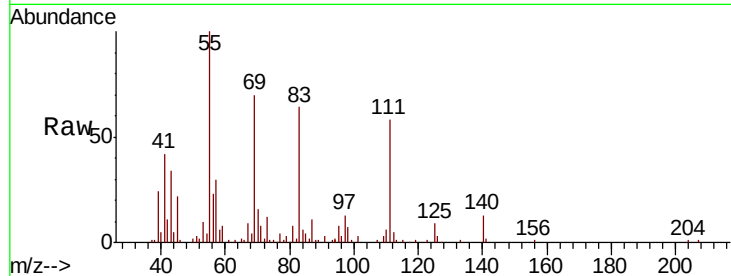
Tot Ion: 83 Resp: 9668

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

85 0.0 31.4 94.3#



#76

1,2,3-Trichloropropane

Concen: 2.073 ug/l

RT: 12.74 min Scan# 1805

Delta R.T. 0.10 min

Lab File: VY001393.D

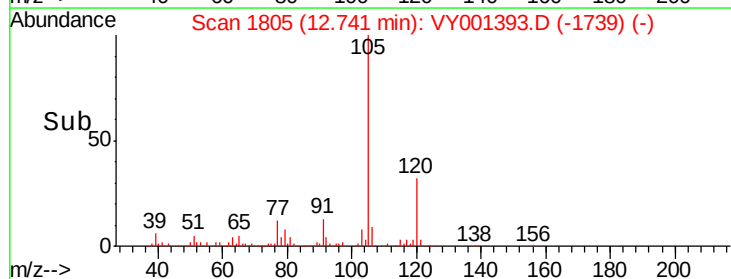
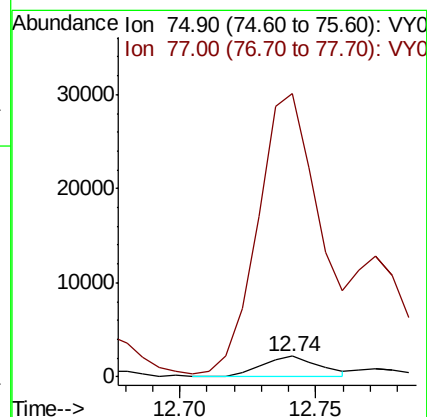
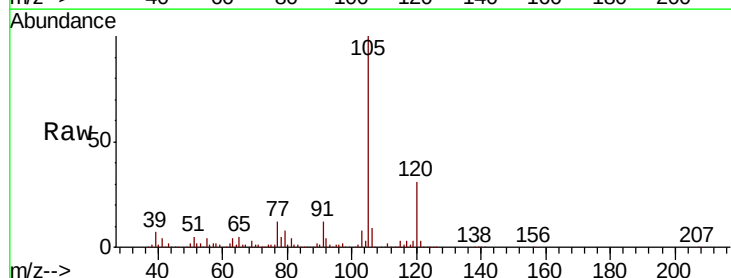
Acq: 24 Jan 2020 19:15

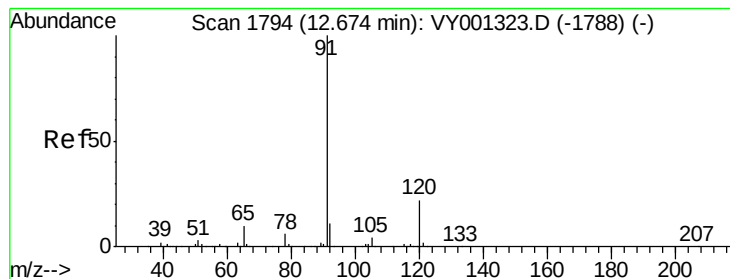
Tgt Ion: 75 Resp: 3221

Ion Ratio Lower Upper

75 100

77 1452.3 0.0 0.0#





#78

n-propylbenzene

Concen: 12.713 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

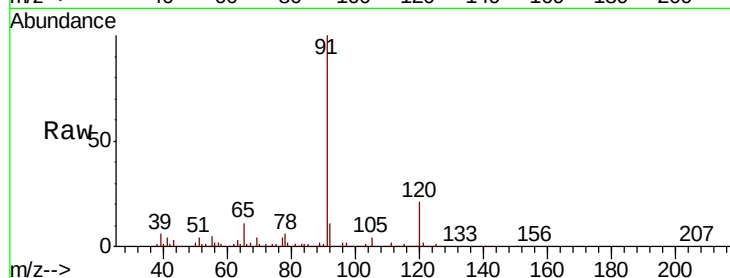
ClientSampled :

Tot Ion: 91 Resp: 155692

Ion Ratio Lower Upper

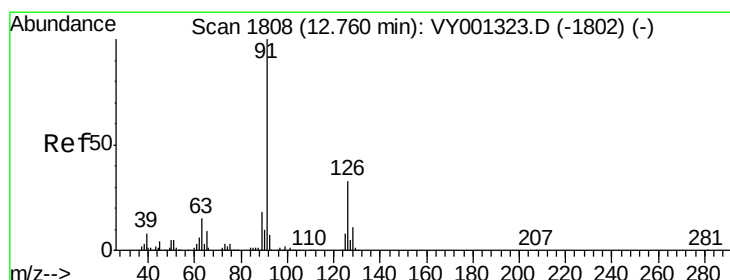
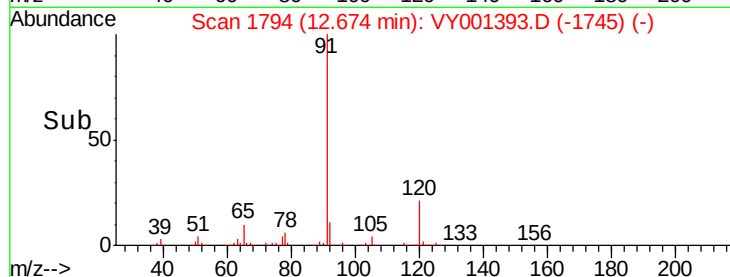
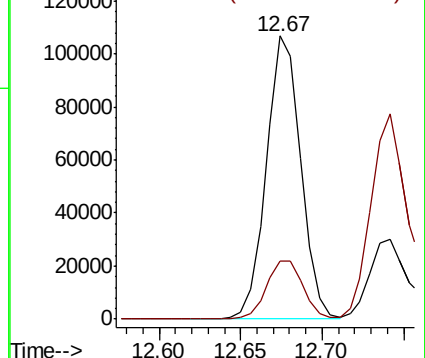
91 100

120 21.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 6.494 ug/l

RT: 12.74 min Scan# 1805

Delta R.T. -0.02 min

Lab File: VY001393.D

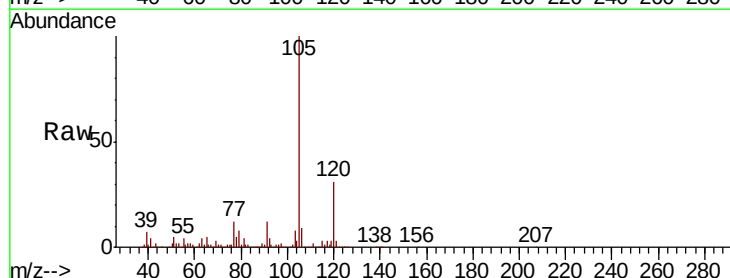
Acq: 24 Jan 2020 19:15

Tgt Ion: 91 Resp: 45432

Ion Ratio Lower Upper

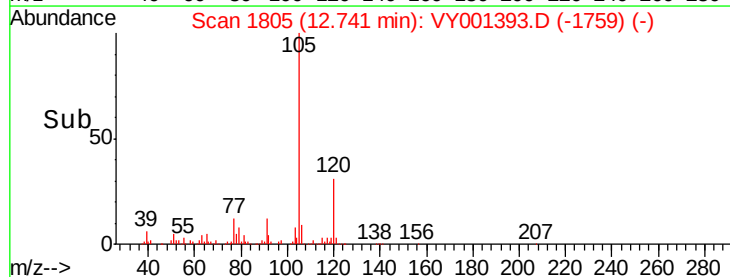
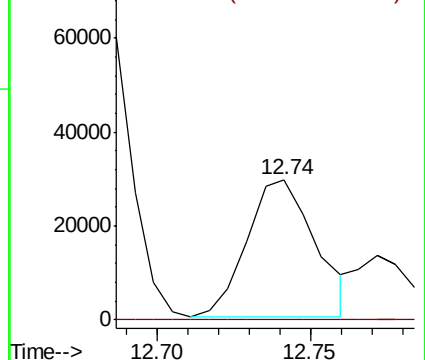
91 100

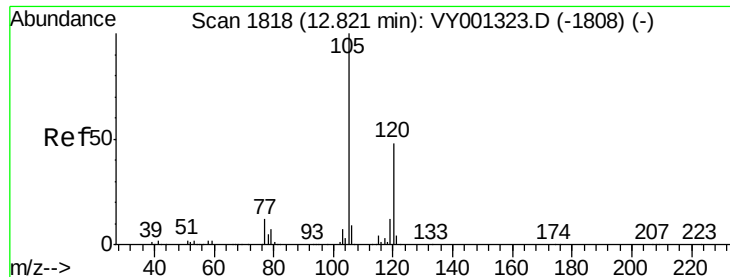
126 1.6 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

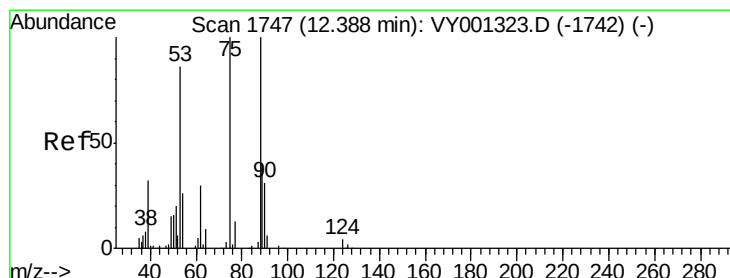
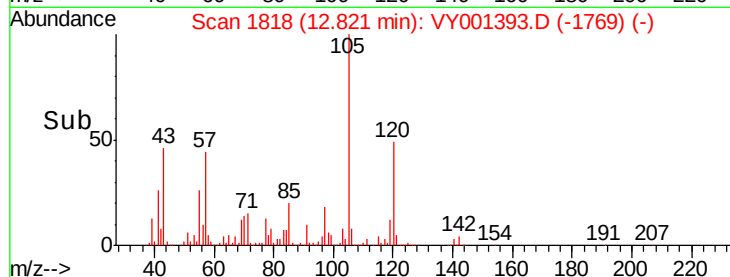
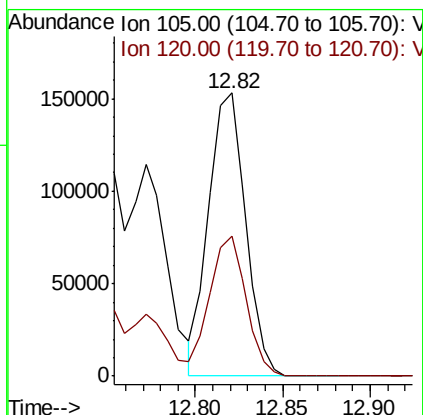
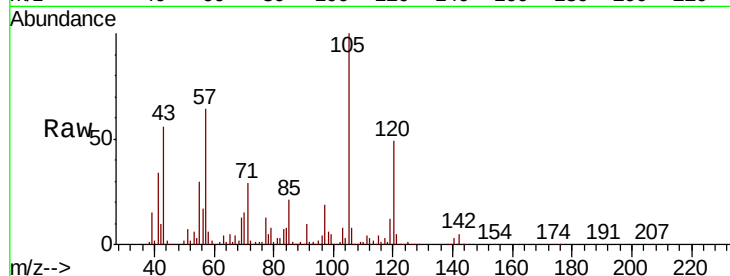




#80
 1,3,5-Trimethylbenzene
 Concen: 26.539 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

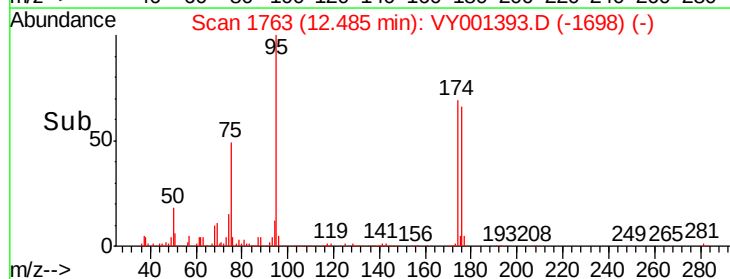
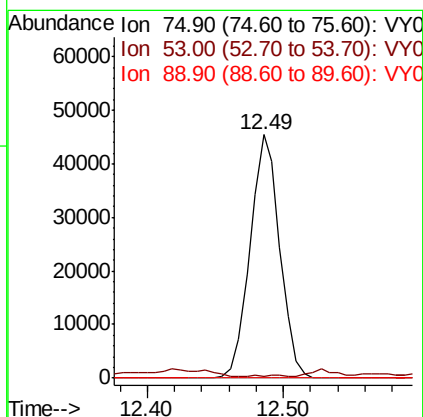
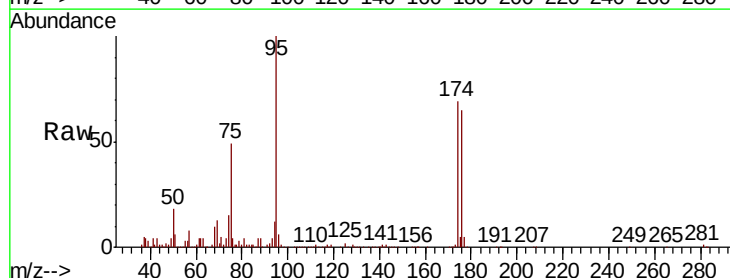
Instrument :
 MSVOA_Y
 ClientSampleId :

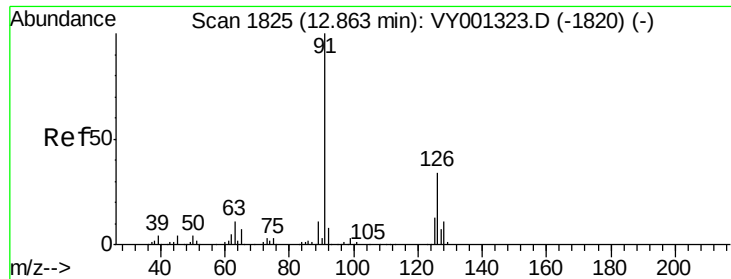
Tot Ion:105 Resp: 225402
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.367 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

Tgt Ion: 75 Resp: 69273
 Ion Ratio Lower Upper
 75 100
 53 0.3 69.9 104.9#
 89 0.0 36.6 54.8#





#82

4-Chlorotoluene

Concen: 3.230 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.05 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

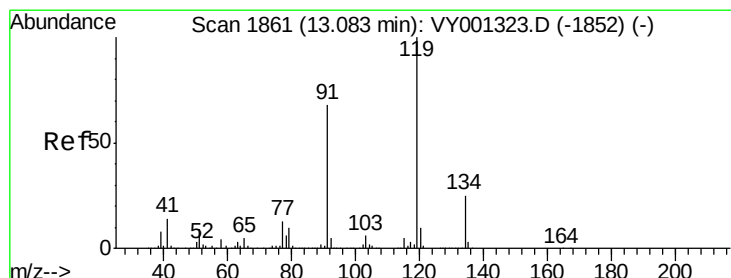
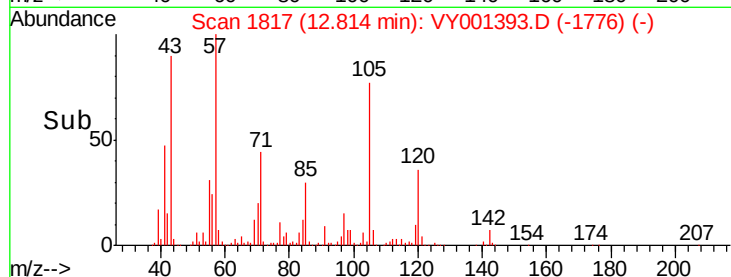
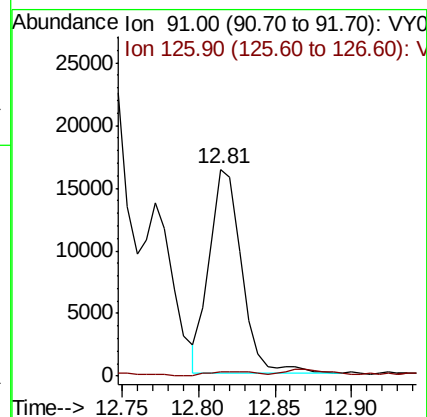
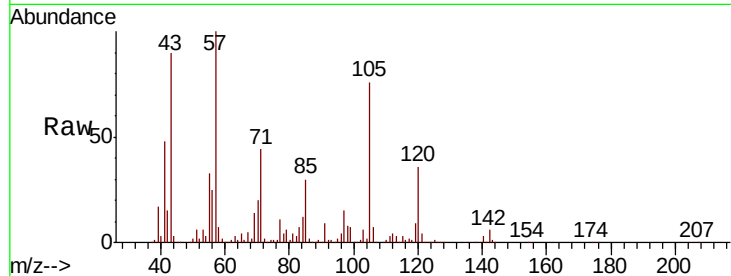
ClientSampled :

Tot Ion: 91 Resp: 24140

Ion Ratio Lower Upper

91 100

126 3.5 16.4 49.4#



#83

tert-Butylbenzene

Concen: 16.930 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. 0.04 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

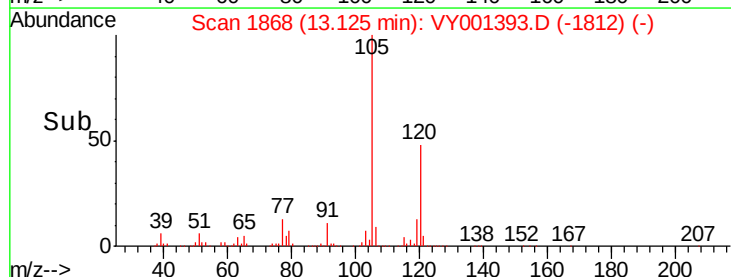
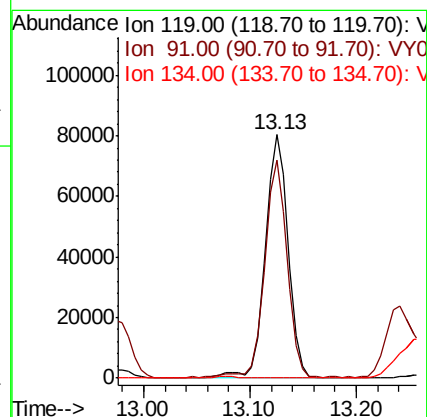
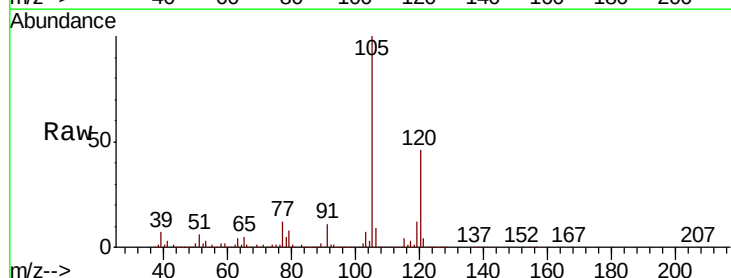
Tgt Ion: 119 Resp: 121206

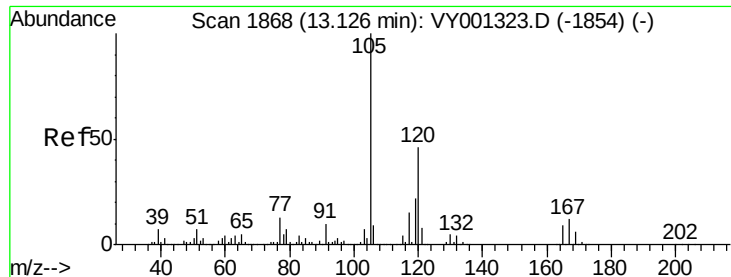
Ion Ratio Lower Upper

119 100

91 87.9 33.0 99.0

134 0.0 13.3 39.9#

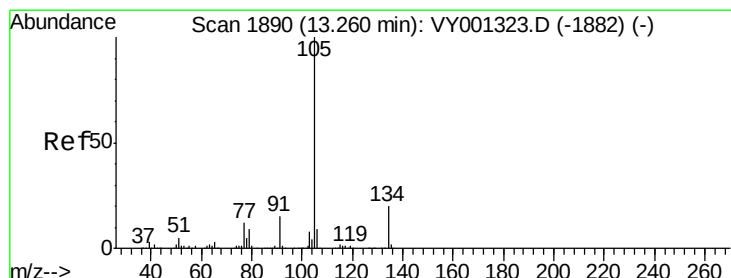
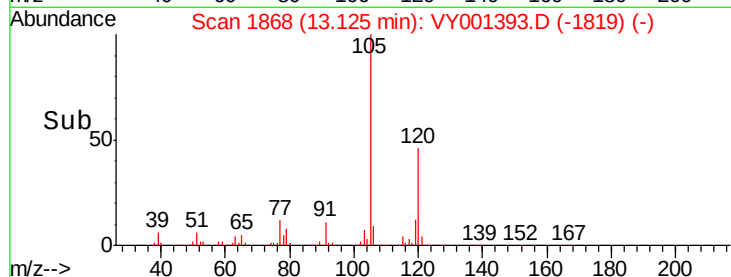
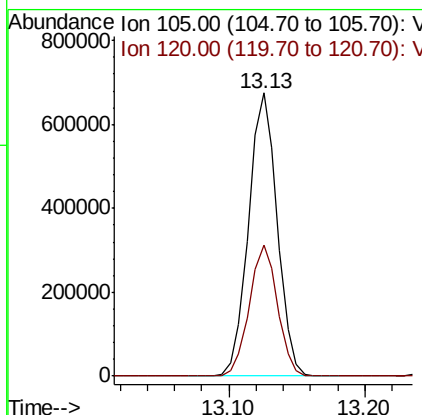
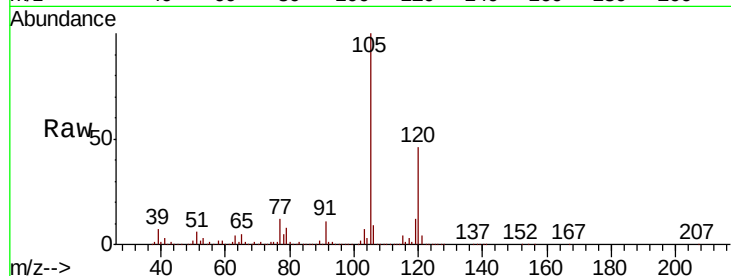




#84
 1,2,4-Trimethylbenzene
 Concen: 116.728 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

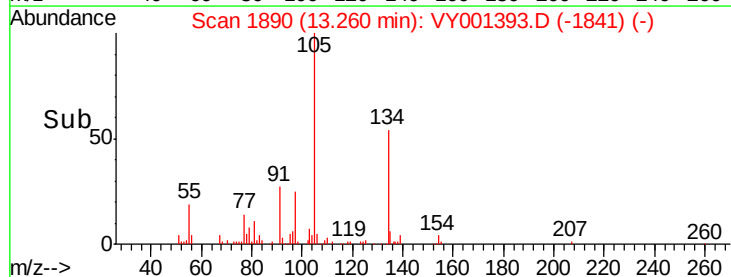
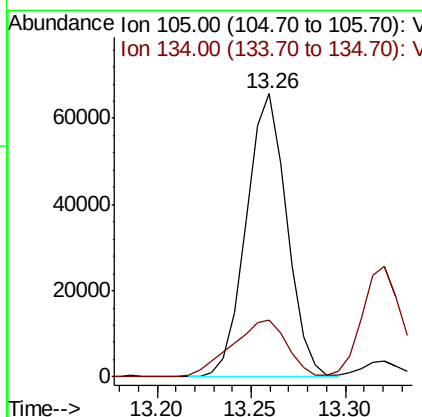
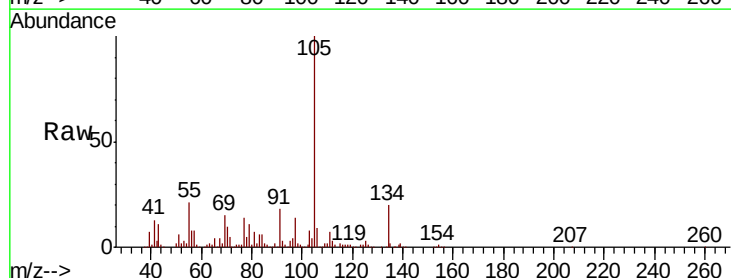
Instrument :
 MSVOA_Y
 ClientSampleId :

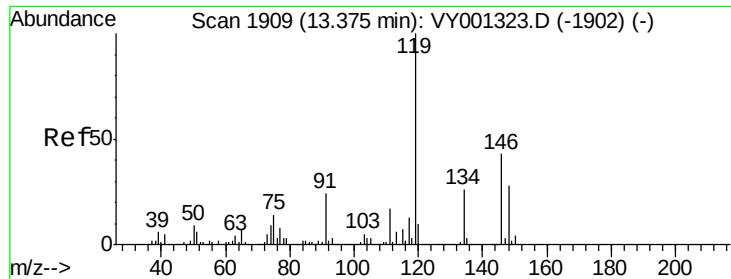
Tot Ion:105 Resp: 995345
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 9.647 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

Tgt Ion:105 Resp: 98130
 Ion Ratio Lower Upper
 105 100
 134 27.6 9.8 29.4

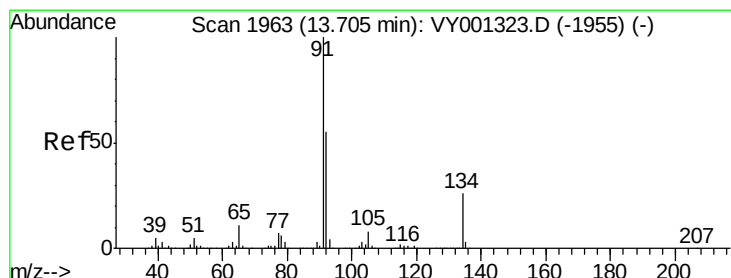
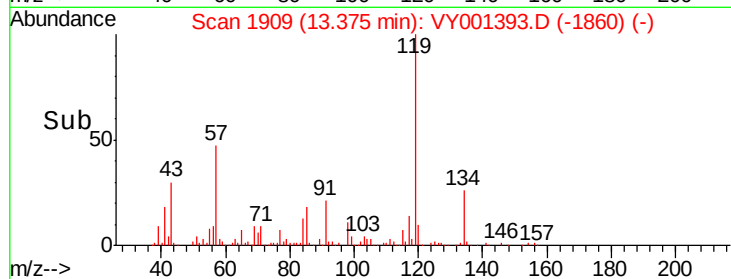
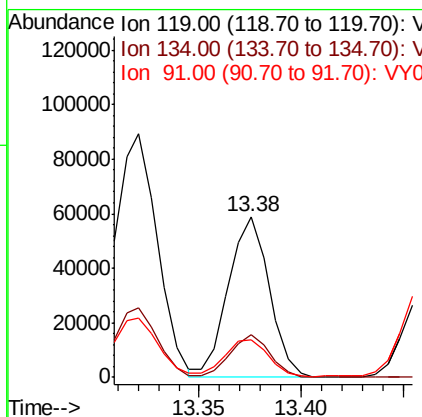
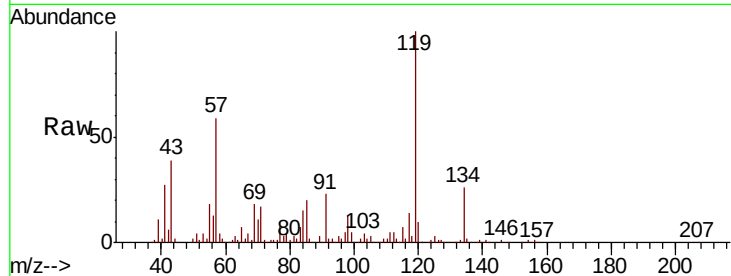




#86
 p-Isopropyltoluene
 Concen: 9.179 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

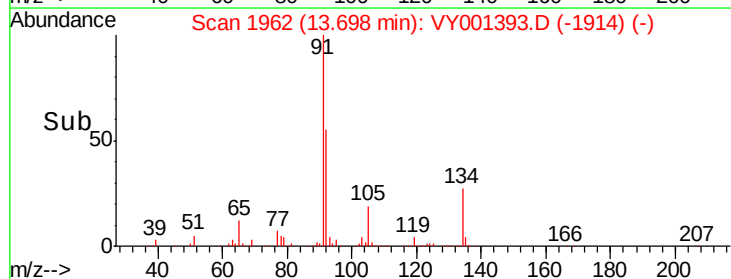
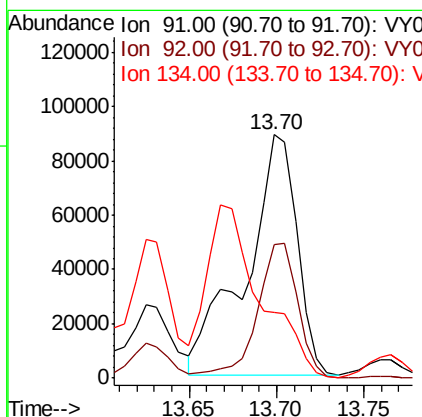
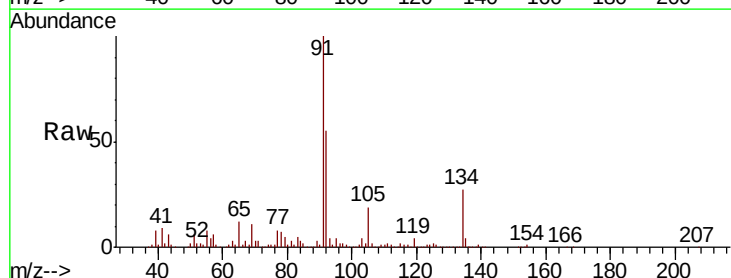
Instrument :
 MSVOA_Y
 ClientSampled :

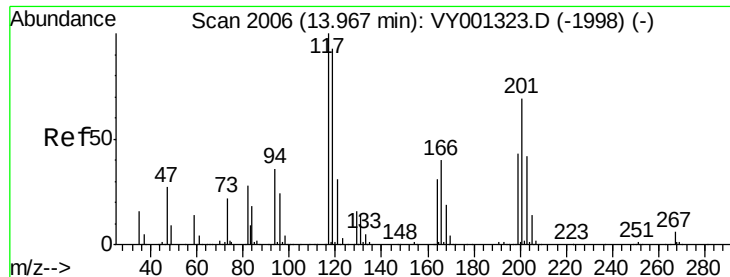
Tot Ion: 119 Resp: 82281
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.5 40.4
 91 24.5 12.2 36.6



#89
 n-Butylbenzene
 Concen: 20.061 ug/l
 RT: 13.70 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

Tgt Ion: 91 Resp: 180979
 Ion Ratio Lower Upper
 91 100
 92 43.8 27.6 82.8
 134 0.0 12.9 38.6#

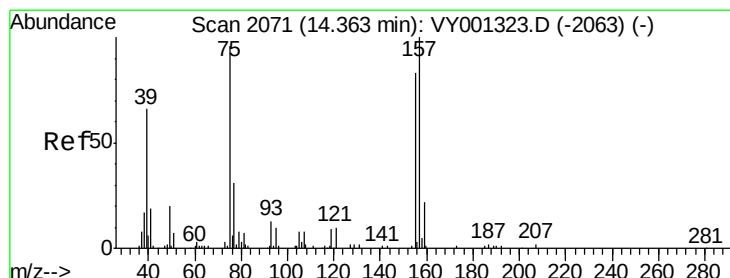
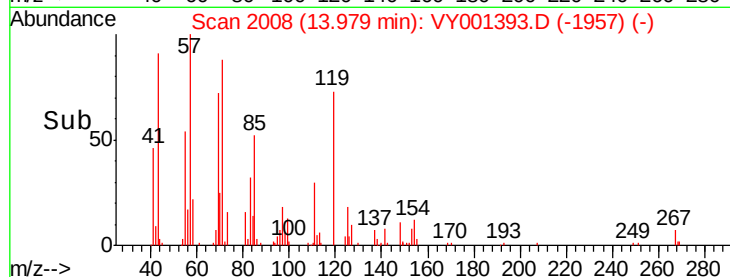
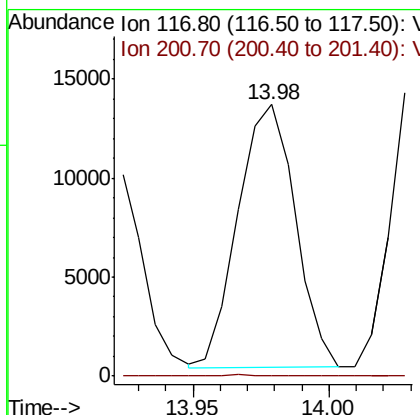
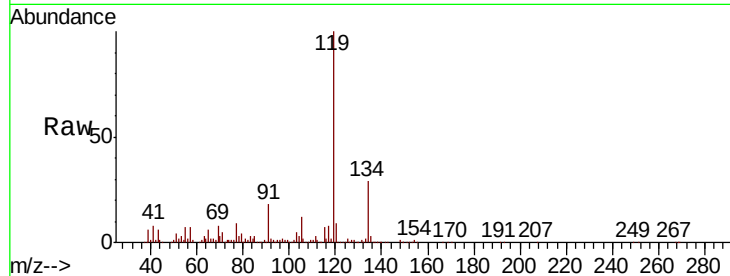




#90
 Hexachloroethane
 Concen: 11.451 ug/l
 RT: 13.98 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

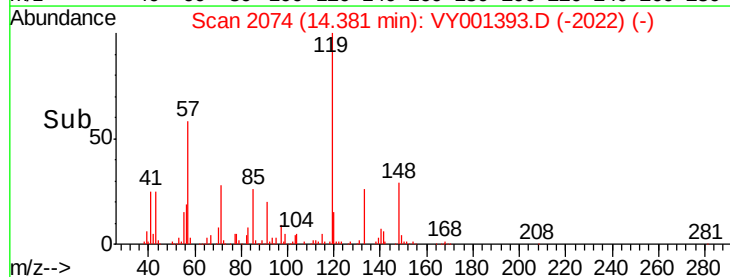
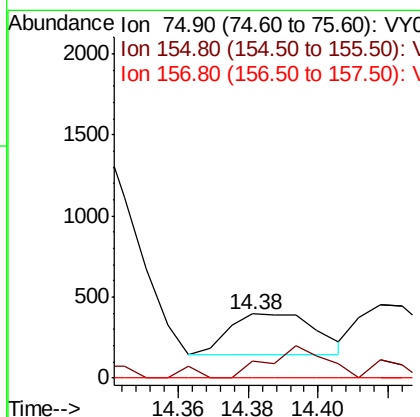
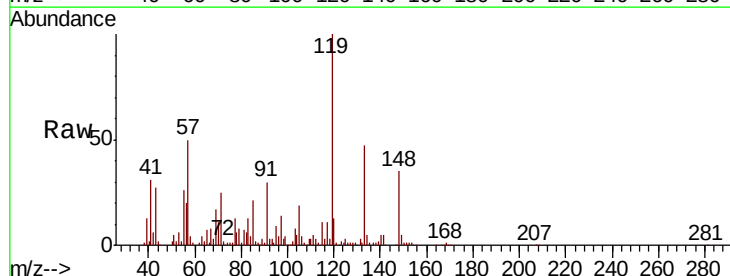
Instrument :
 MSVOA_Y
 ClientSampleId :

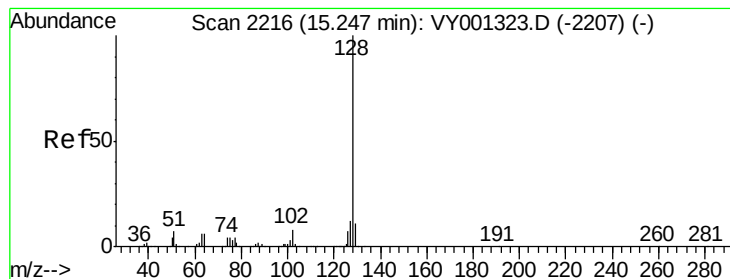
Tot Ion:117 Resp: 19456
 Ion Ratio Lower Upper
 117 100
 201 0.1 34.6 103.8#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.149 ug/l
 RT: 14.38 min Scan# 2074
 Delta R.T. 0.02 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

Tgt Ion: 75 Resp: 432
 Ion Ratio Lower Upper
 75 100
 155 51.9 43.0 129.2
 157 0.0 53.3 160.0#





#95

Naphthalene

Concen: 49.506 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

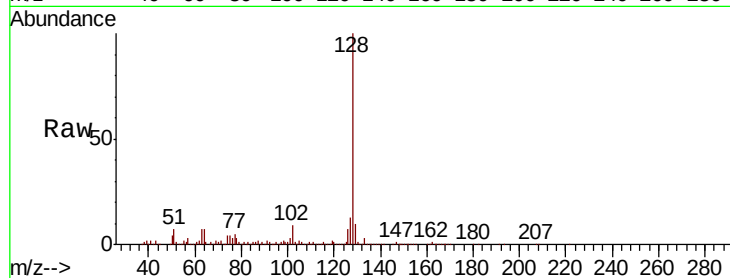
Tot Ion:128 Resp: 304120

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.9 8.7 13.1



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

