

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
 Data File : VY001124.D
 Acq On : 30 Dec 2019 14:40
 Operator : SY/MD
 Sample : K6462-04
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 31 05:36:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	6901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	14330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	14402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	5961	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	4924	72.34	ug/l	0.00
Spiked Amount			Recovery	=	144.68%	
35) Dibromofluoromethane	7.72	113	2119	25.11	ug/l	0.00
Spiked Amount			Recovery	=	50.22%	
50) Toluene-d8	10.18	98	25693	77.91	ug/l	0.00
Spiked Amount			Recovery	=	155.82%	
62) 4-Bromofluorobenzene	12.47	95	22738	188.59	ug/l	0.00
Spiked Amount			Recovery	=	377.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	137	1.674	ug/l #	41
5) Bromomethane	2.65	94	38	1.415	ug/l #	3
10) Methyl Iodide	4.10	142	124	1.172	ug/l #	44
16) Acetone	3.96	43	242	15.434	ug/l #	35
20) Methylene Chloride	4.72	84	114	1.235	ug/l #	69
29) Tetrahydrofuran	7.49	42	20	1.021	ug/l #	31
31) Cyclohexane	7.79	56	1646	10.881	ug/l	96
38) Carbon Tetrachloride	7.79	117	553	4.617	ug/l #	13
39) Methylcyclohexane	9.19	83	35606	196.131	ug/l #	91
43) Isopropyl Acetate	8.28	43	189	1.349	ug/l #	50
45) 1,2-Dichloropropane	9.17	63	254	2.455	ug/l #	1
47) Bromodichloromethane	9.47	83	352	2.849	ug/l #	25
48) Methyl methacrylate	9.25	41	829	13.864	ug/l #	25
51) 4-Methyl-2-Pentanone	10.17	43	4595	62.915	ug/l #	36
52) Toluene	10.24	92	10597	41.746	ug/l	99
55) 1,1,2-Trichloroethane	10.61	97	72590	911.677	ug/l #	17
56) Ethyl methacrylate	10.52	69	11733	103.538	ug/l #	23
58) 2-Chloroethyl Vinyl ether	9.81	63	91	2.079	ug/l #	46
59) 2-Hexanone	10.80	43	54497	1078.372	ug/l #	25
60) Dibromochloromethane	10.92	129	351	4.127	ug/l	89
65) Chlorobenzene	11.62	112	5821	19.485	ug/l #	43
67) Ethyl Benzene	11.59	91	375062	698.000	ug/l	97
68) m/p-Xylenes	11.69	106	1141735	5596.042	ug/l	99
69) o-Xylene	12.03	106	656874	3422.273	ug/l	100
70) Styrene	12.03	104	30322	92.907	ug/l #	1
73) Isopropylbenzene	12.33	105	155376	336.830	ug/l	96
74) N-amyl acetate	12.12	43	177117	1461.537	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.53	83	34566	380.372	ug/l #	52
76) 1,2,3-Trichloropropane	12.67	75	3798	51.683	ug/l #	100
77) Bromobenzene	12.61	156	197	1.899	ug/l #	1
78) n-propylbenzene	12.67	91	581449	1034.456	ug/l	97
79) 2-Chlorotoluene	12.73	91	367083	1182.584	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.81	105	1312781	3471.899	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.32	75	1584	45.971	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
 Data File : VY001124.D
 Acq On : 30 Dec 2019 14:40
 Operator : SY/MD
 Sample : K6462-04
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 31 05:36:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

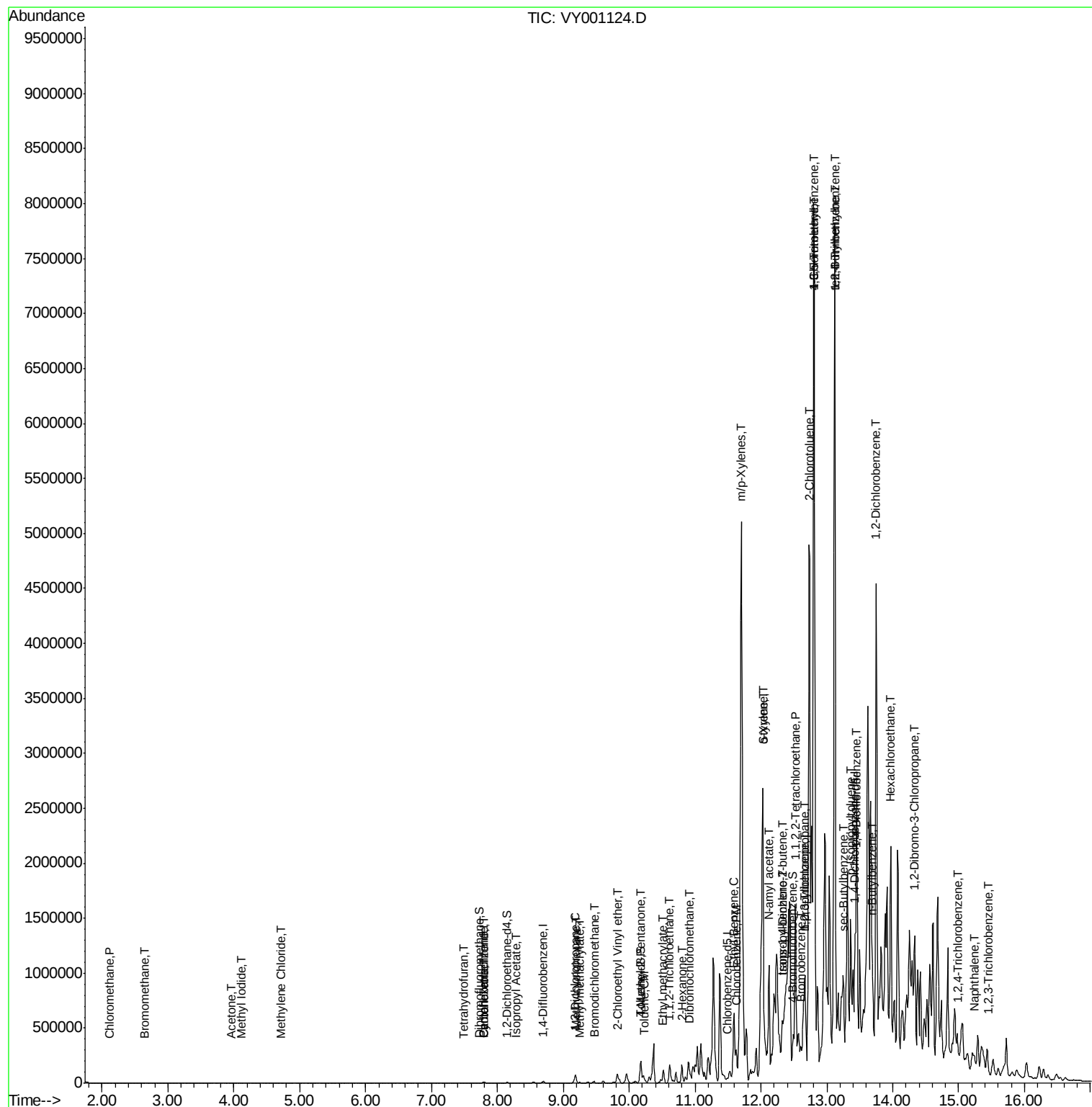
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.81	91	153316	475.529	ug/l #	44
83) tert-Butylbenzene	13.12	119	504478	1589.394	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.12	105	4186424	11017.964	ug/l	99
85) sec-Butylbenzene	13.25	105	249520	533.247	ug/l #	76
86) p-Isopropyltoluene	13.37	119	144135	355.985	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	367	1.826	ug/l #	61
89) n-Butylbenzene	13.69	91	291236	714.929	ug/l #	77
90) Hexachloroethane	13.97	117	75969	995.888	ug/l #	16
91) 1,2-Dichlorobenzene	13.74	146	255	1.387	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.33	75	3210	211.130	ug/l #	26
93) 1,2,4-Trichlorobenzene	15.00	180	942	7.593	ug/l #	1
95) Naphthalene	15.23	128	81573	279.590	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.45	180	2158	19.505	ug/l #	22

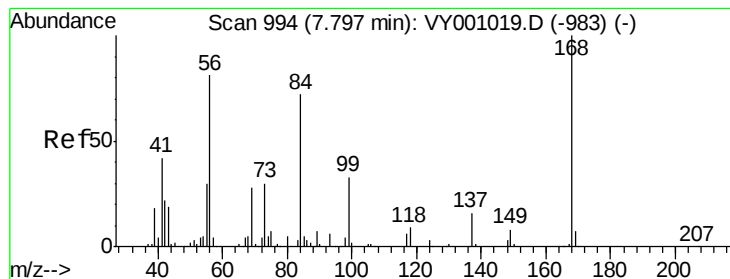
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
Data File : VY001124.D
Acq On : 30 Dec 2019 14:40
Operator : SY/MD
Sample : K6462-04
Misc : 5.10G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 31 05:36:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

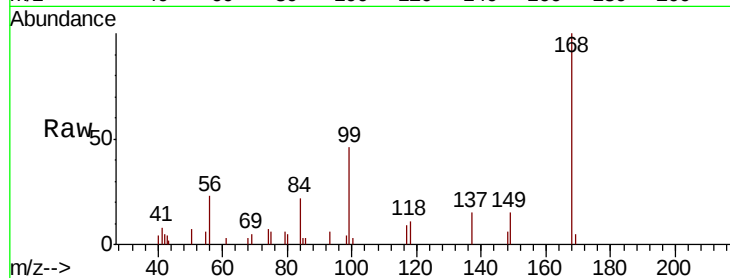
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 6901

Ion Ratio Lower Upper

168 100

99 46.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001124.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001124.D (-945) (-)

7.80

3000

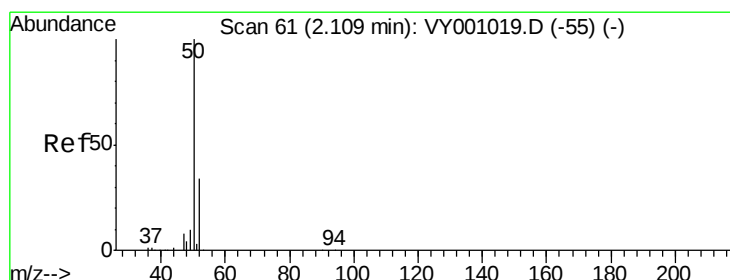
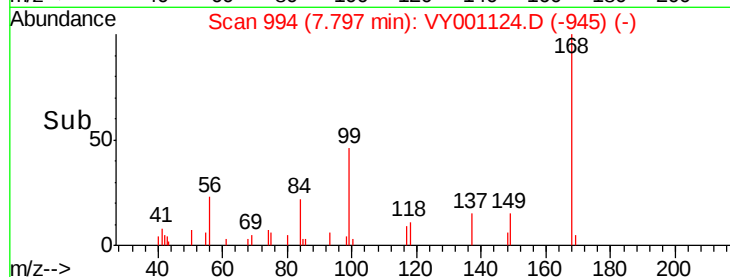
2000

1000

0

7.75 7.80 7.85

Time-->



#3

Chloromethane

Concen: 1.674 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY001124.D

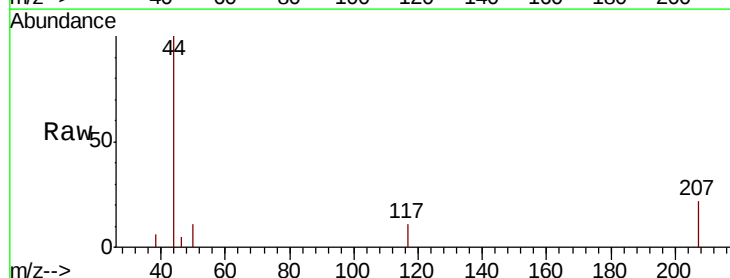
Acq: 30 Dec 2019 14:40

Tgt Ion: 50 Resp: 137

Ion Ratio Lower Upper

50 100

52 0.0 27.1 40.7#



Abundance Ion 49.90 (49.60 to 50.60): VY001124.D (-12) (-)

Ion 51.90 (51.60 to 52.60): VY001124.D (-12) (-)

2.11

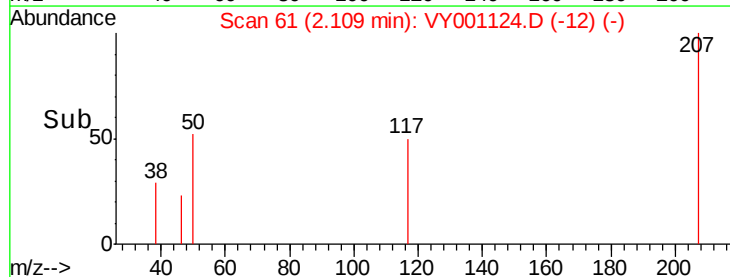
100

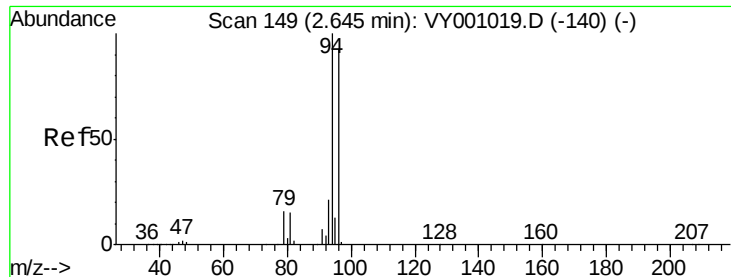
50

0

2.08 2.10 2.12 2.14

Time-->





#5

Bromomethane

Concen: 1.415 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

Instrument :

MSVOA_Y

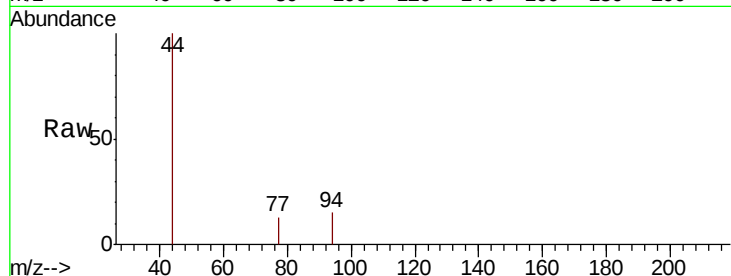
ClientSampled :

Tot Ion: 94 Resp: 38

Ion Ratio Lower Upper

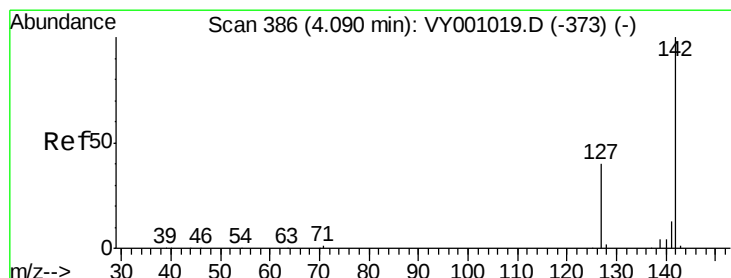
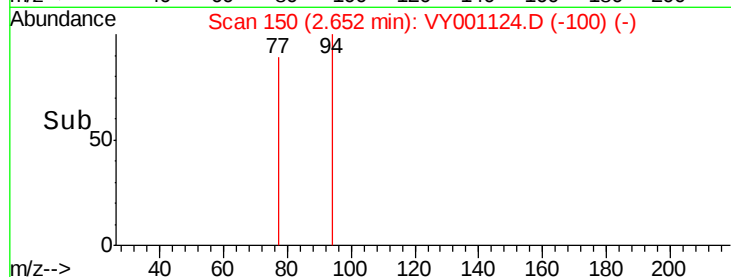
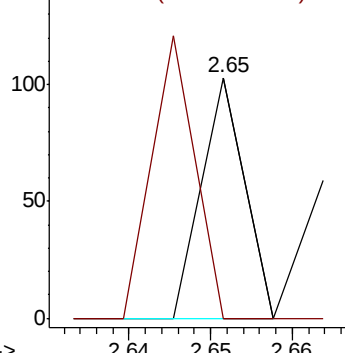
94 100

96 0.0 74.2 111.4#



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#10

Methyl Iodide

Concen: 1.172 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

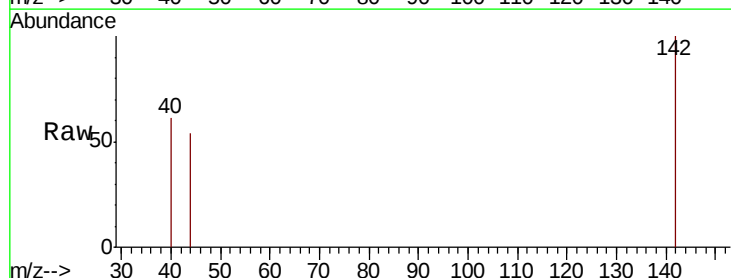
Tgt Ion: 142 Resp: 124

Ion Ratio Lower Upper

142 100

127 0.0 31.2 46.8#

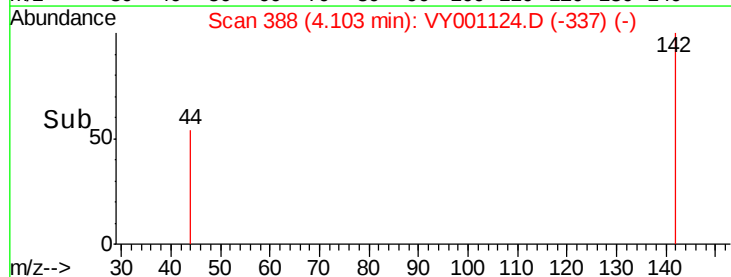
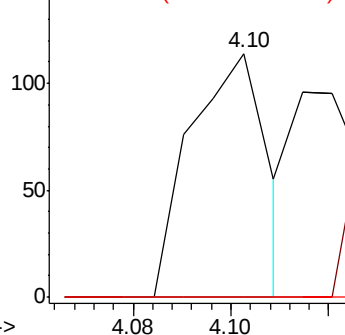
141 0.0 11.0 16.4#

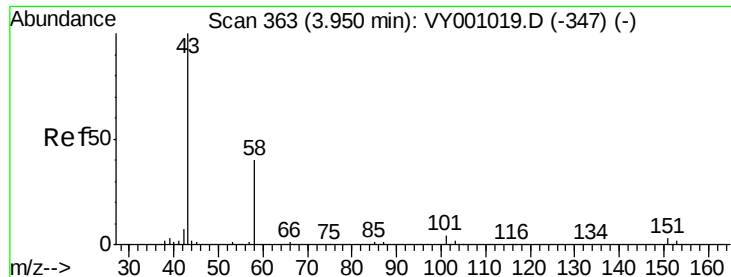


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 15.434 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

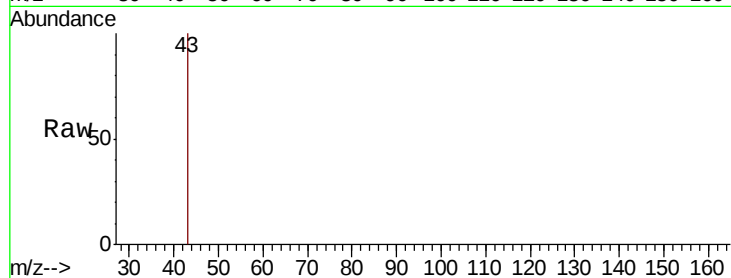
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 242

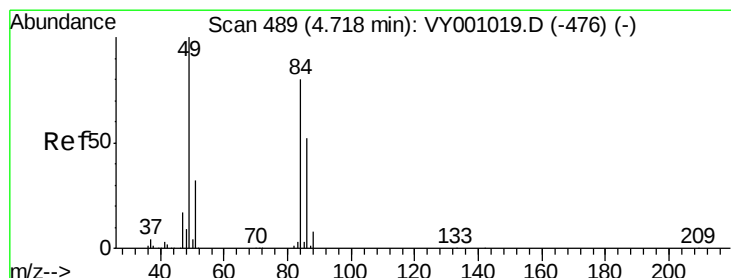
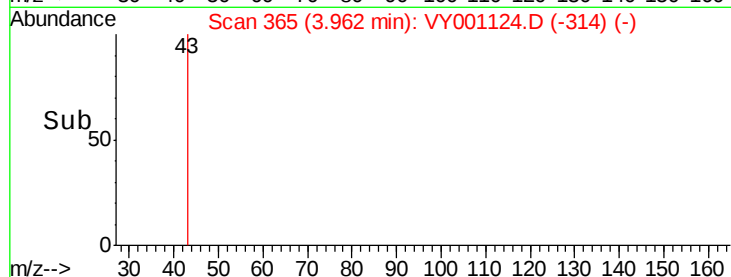
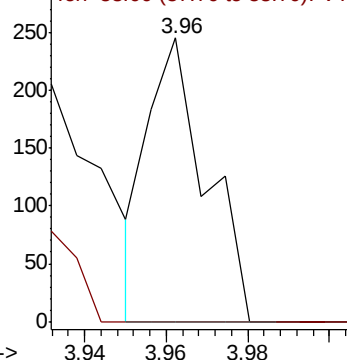
Ion Ratio Lower Upper

43 100

58 0.0 32.1 48.1#



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



#20

Methylene Chloride

Concen: 1.235 ug/l

RT: 4.72 min Scan# 489

Delta R.T. 0.00 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

Tgt Ion: 84 Resp: 114

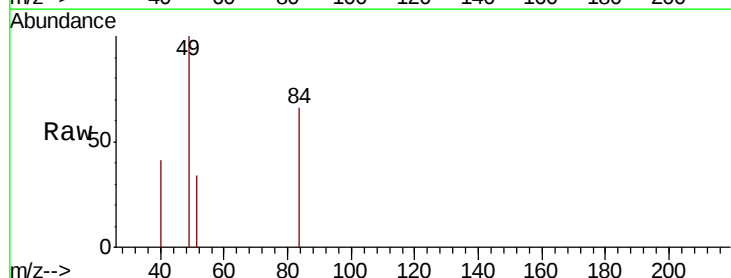
Ion Ratio Lower Upper

84 100

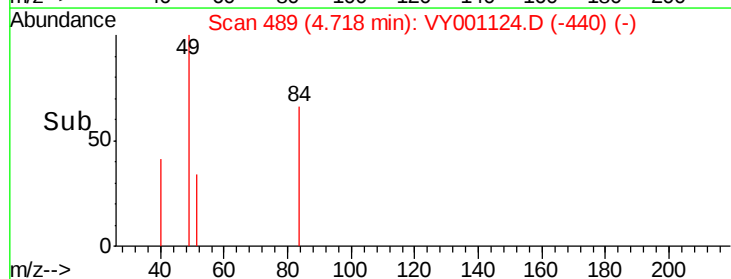
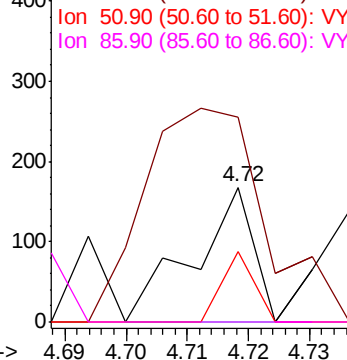
49 116.1 99.8 149.6

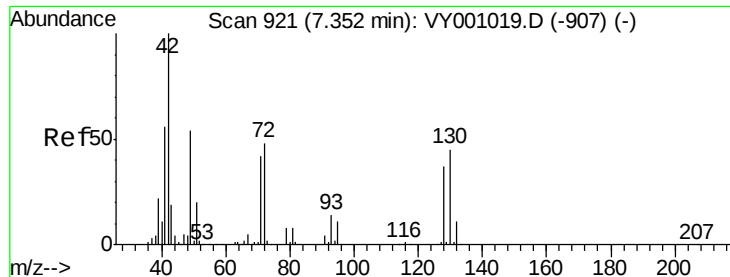
51 51.8 31.4 47.2#

86 0.0 52.2 78.2#



Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0





#29

Tetrahydrofuran

Concen: 1.021 ug/l

RT: 7.49 min Scan# 944

Delta R.T. 0.14 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

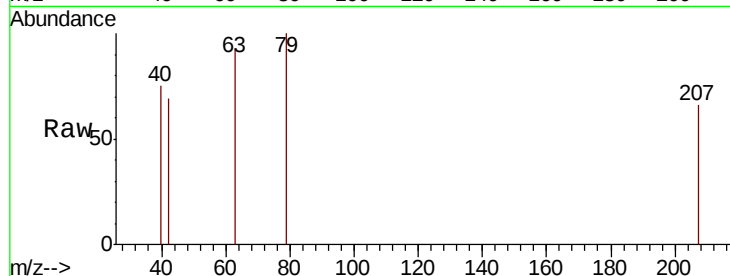
Tot Ion: 42 Resp: 20

Ion Ratio Lower Upper

42 100

72 0.0 37.7 56.5#

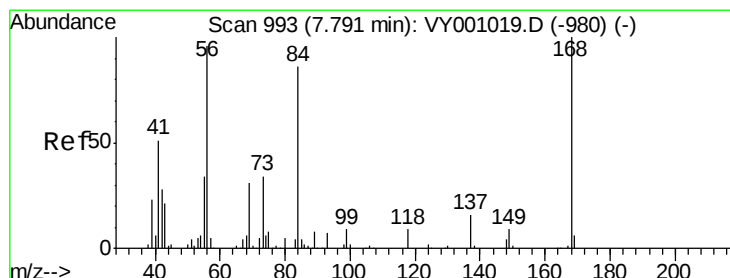
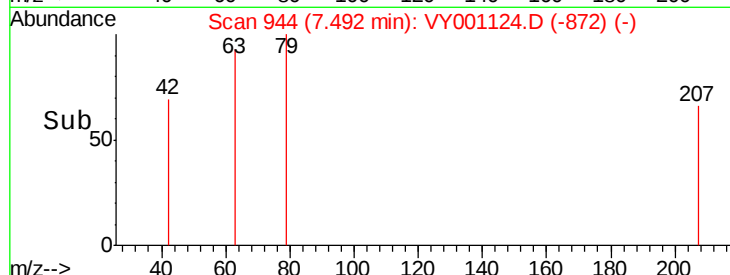
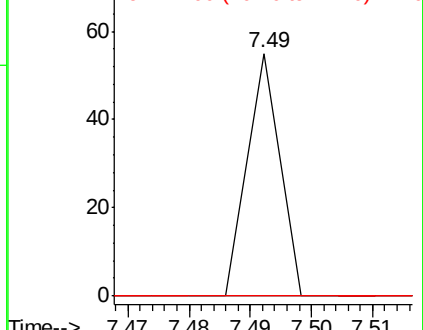
71 0.0 34.6 51.8#



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#31

Cyclohexane

Concen: 10.881 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

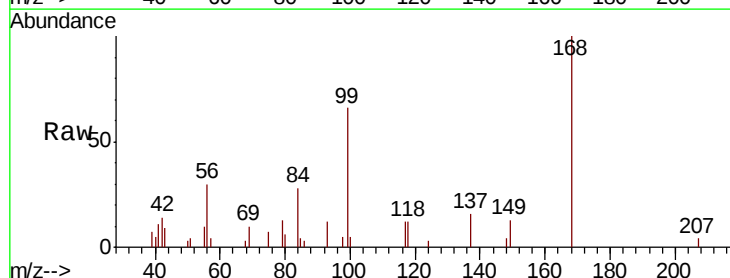
Tgt Ion: 56 Resp: 1646

Ion Ratio Lower Upper

56 100

69 33.1 26.1 39.1

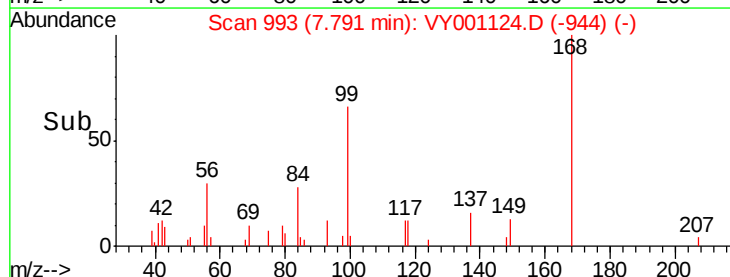
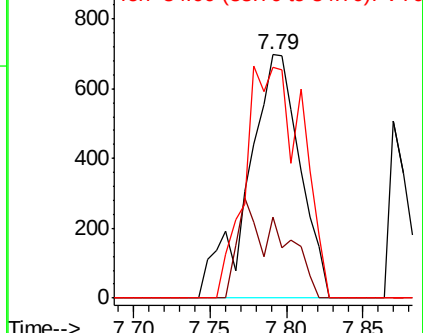
84 94.7 71.8 107.8

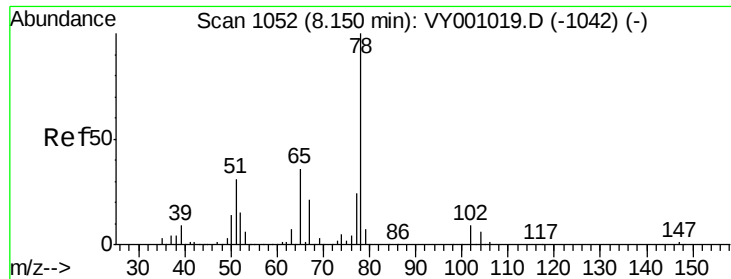


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0





#33

1,2-Dichloroethane-d4

Concen: 72.345 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

Instrument :

MSVOA_Y

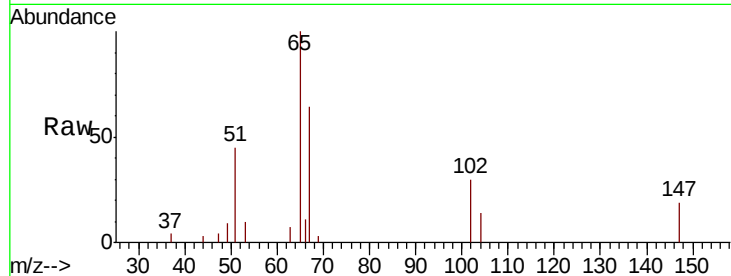
ClientSampleId :

Tot Ion: 65 Resp: 4924

Ion Ratio Lower Upper

65 100

67 57.9 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY001124.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY001124.D (-1042) (-)

8.14

2000

1500

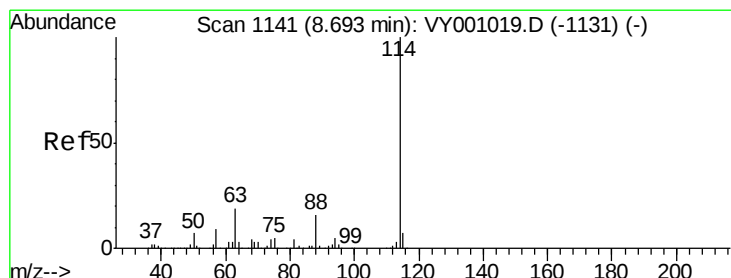
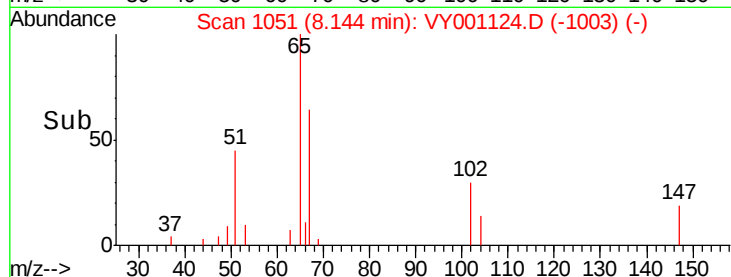
1000

500

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

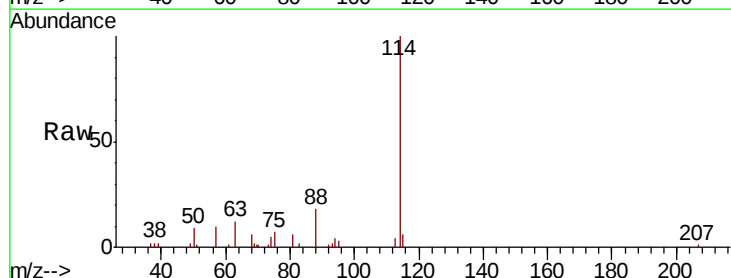
Tgt Ion: 114 Resp: 14330

Ion Ratio Lower Upper

114 100

63 11.8 0.0 37.0

88 17.8 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VY001124.D (-1092) (-)

Ion 63.00 (62.70 to 63.70): VY001124.D (-1092) (-)

Ion 87.90 (87.60 to 88.60): VY001124.D (-1092) (-)

8.69

10000

8000

6000

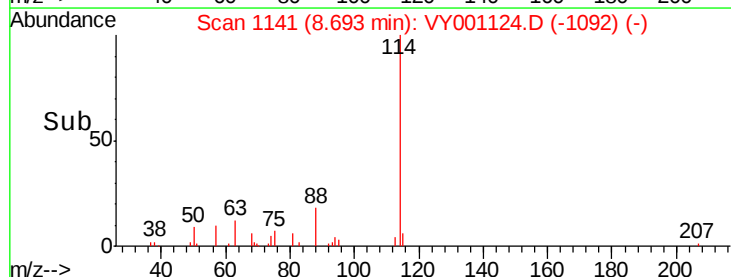
4000

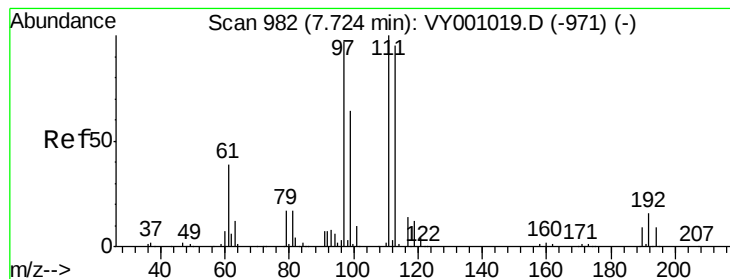
2000

0

8.60 8.65 8.70 8.75 8.80

Time-->





#35

Dibromofluoromethane

Concen: 25.112 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

Instrument :
MSVOA_Y
ClientSampleId :

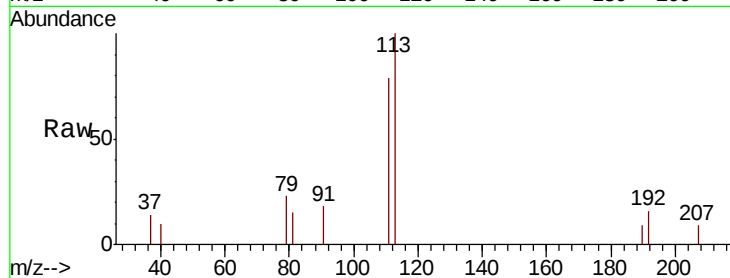
Tot Ion:113 Resp: 2119

Ion Ratio Lower Upper

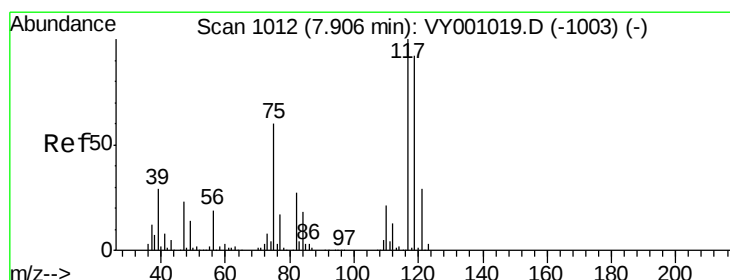
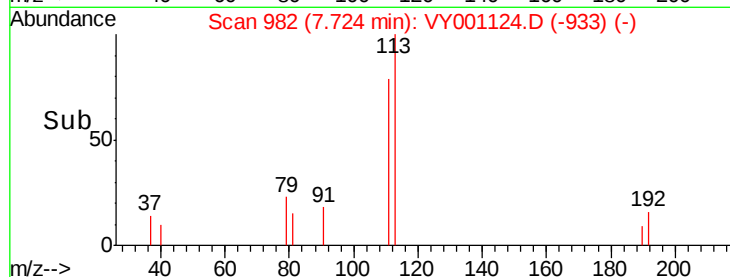
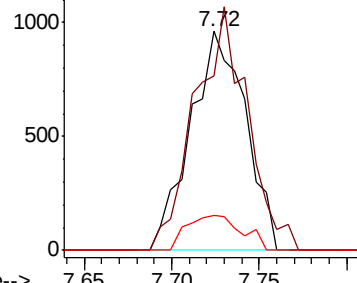
113 100

111 106.1 83.0 124.4

192 16.0 14.6 21.8



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



#38

Carbon Tetrachloride

Concen: 4.617 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

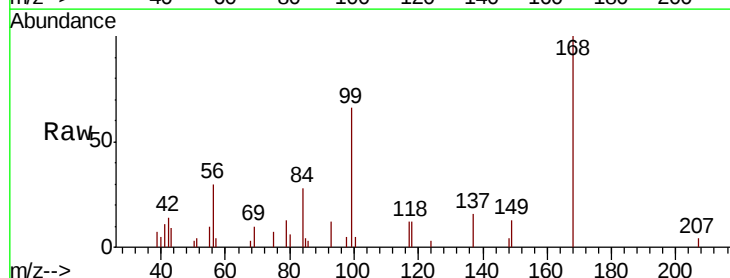
Tgt Ion:117 Resp: 553

Ion Ratio Lower Upper

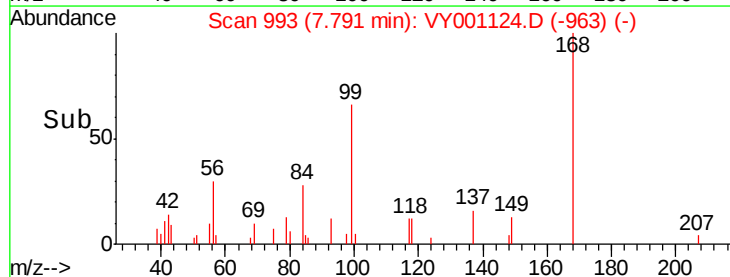
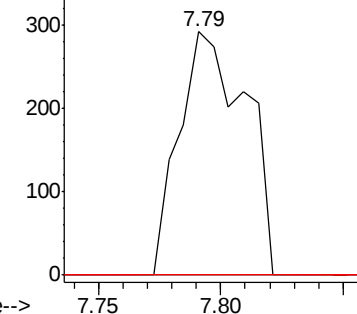
117 100

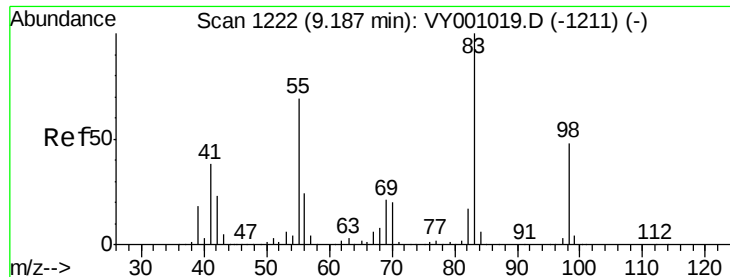
119 0.0 74.2 111.2#

121 0.0 22.9 34.3#



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

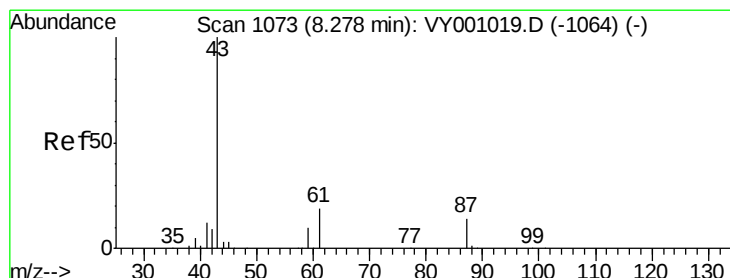
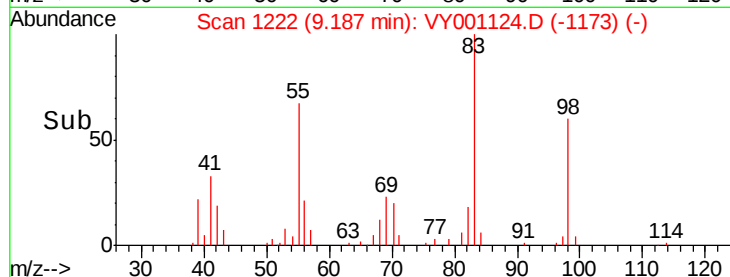
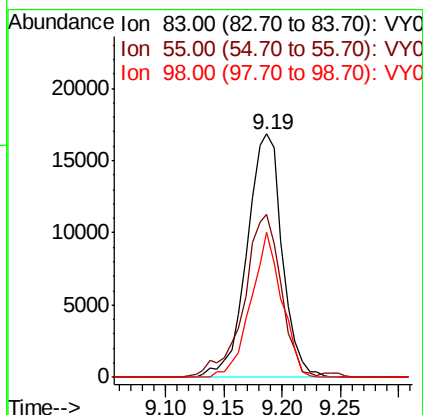
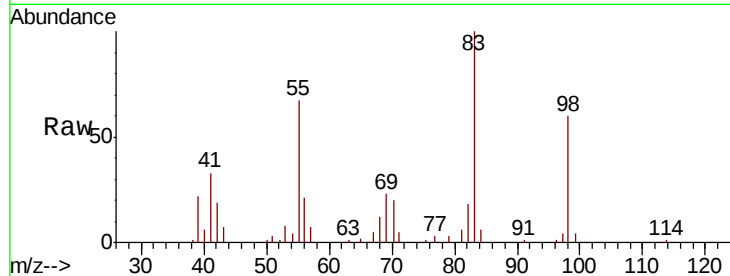




#39
Methylcyclohexane
Concen: 196.131 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

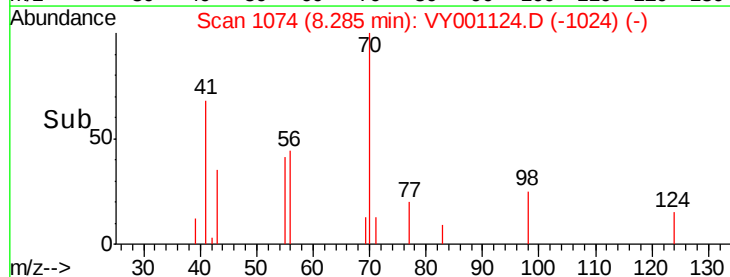
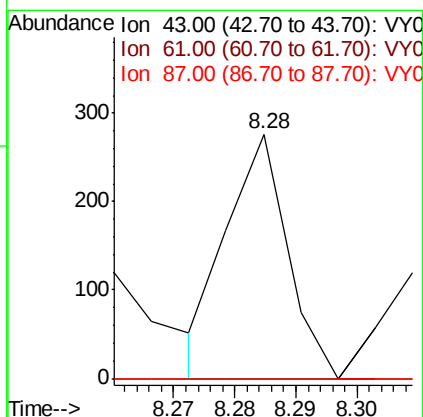
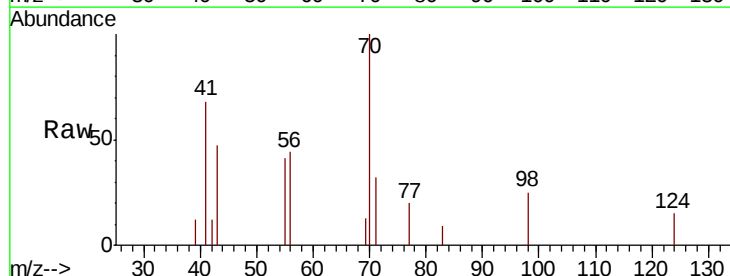
Instrument :
MSVOA_Y
ClientSampled :

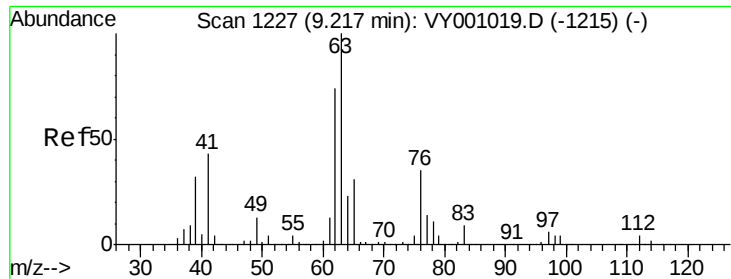
Tot Ion: 83 Resp: 35606
Ion Ratio Lower Upper
83 100
55 66.6 55.1 82.7
98 59.7 38.3 57.5#



#43
Isopropyl Acetate
Concen: 1.349 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.01 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 43 Resp: 189
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.6#
87 0.0 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 2.455 ug/l

RT: 9.17 min Scan# 1220

Delta R.T. -0.04 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

Instrument :

MSVOA_Y

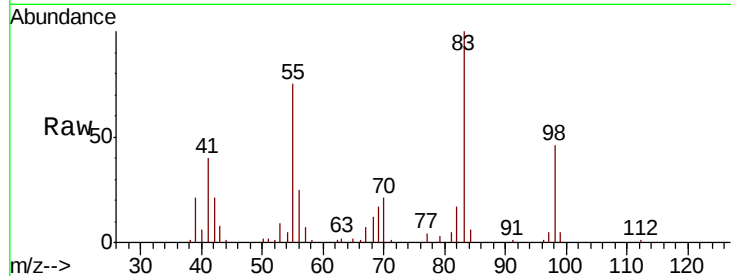
ClientSampled :

Tot Ion: 63 Resp: 254

Ion Ratio Lower Upper

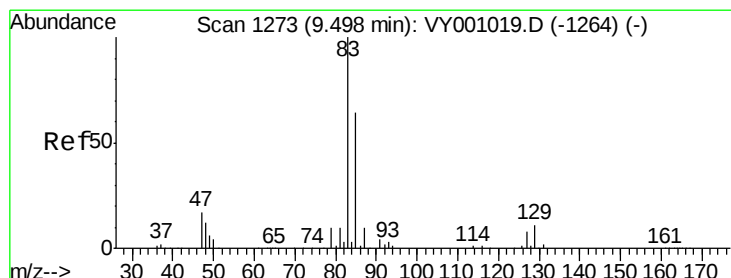
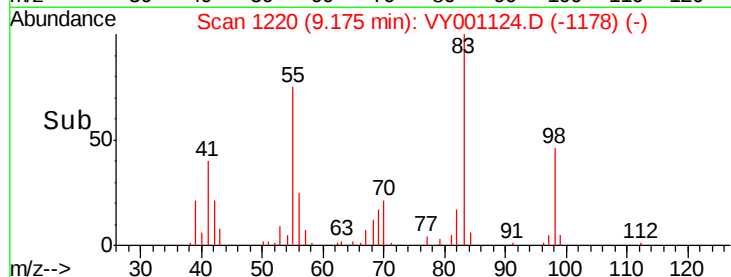
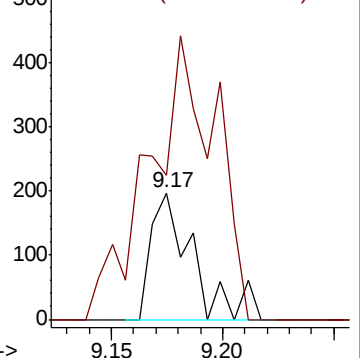
63 100

65 113.7 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#47

Bromodichloromethane

Concen: 2.849 ug/l

RT: 9.47 min Scan# 1269

Delta R.T. -0.02 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

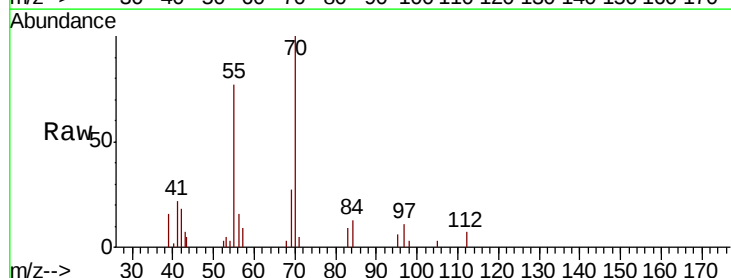
Tgt Ion: 83 Resp: 352

Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

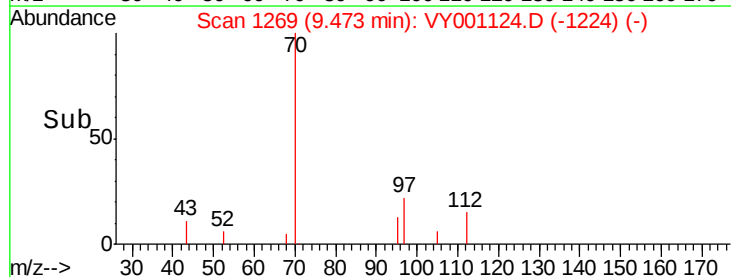
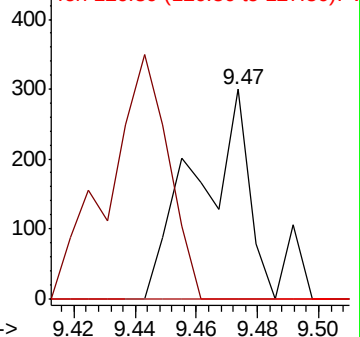
127 0.0 6.4 9.6#

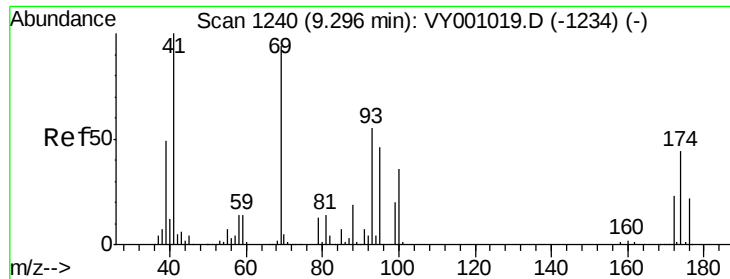


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): V

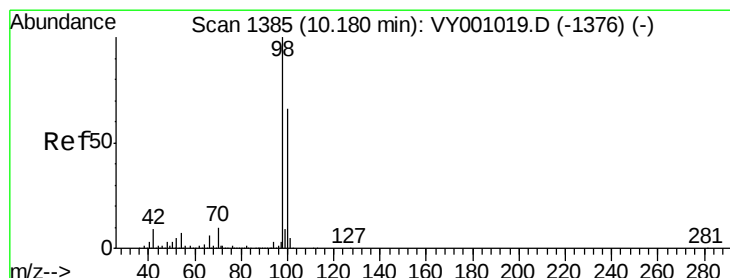
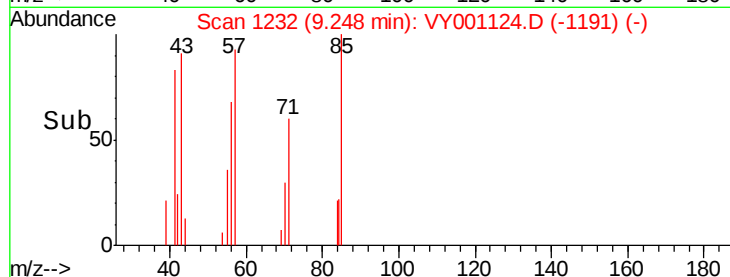
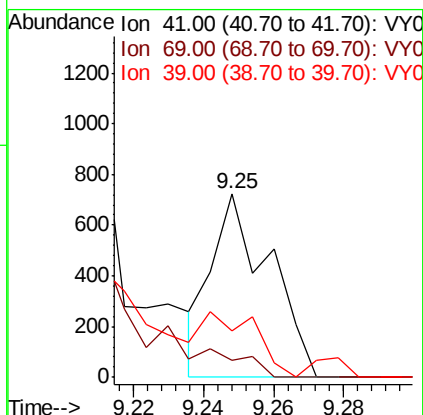
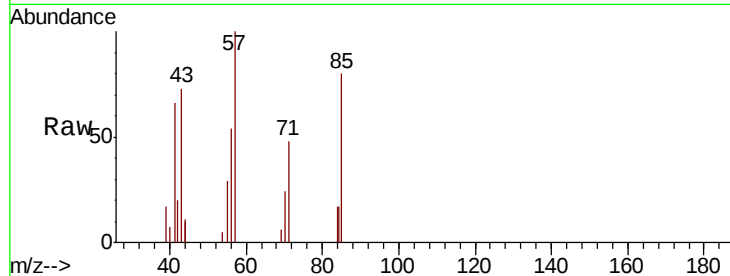




#48
Methvl methacrylate
Concen: 13.864 ug/l
RT: 9.25 min Scan# 1232
Delta R.T. -0.05 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

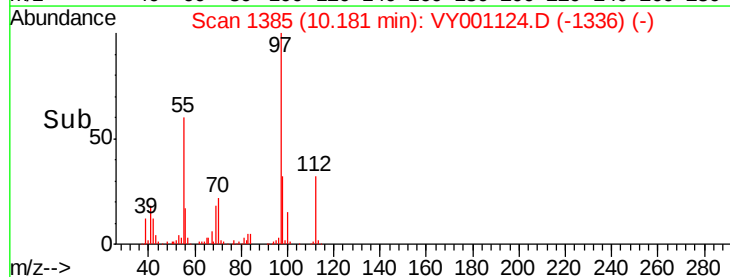
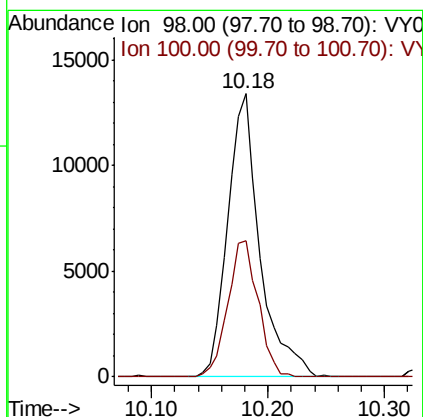
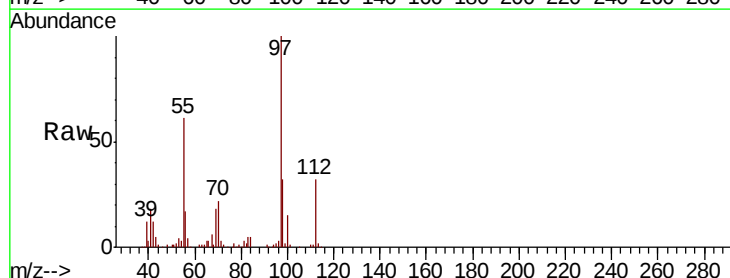
Instrument :
MSVOA_Y
ClientSampled :

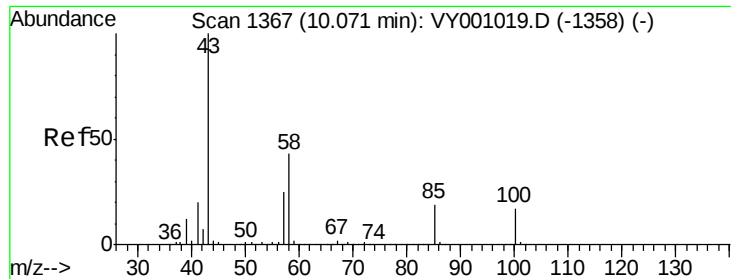
Tot Ion: 41 Resp: 829
Ion Ratio Lower Upper
41 100
69 0.0 79.8 119.6#
39 32.4 41.7 62.5#



#50
Toluene-d8
Concen: 77.912 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 98 Resp: 25693
Ion Ratio Lower Upper
98 100
100 45.5 53.0 79.4#

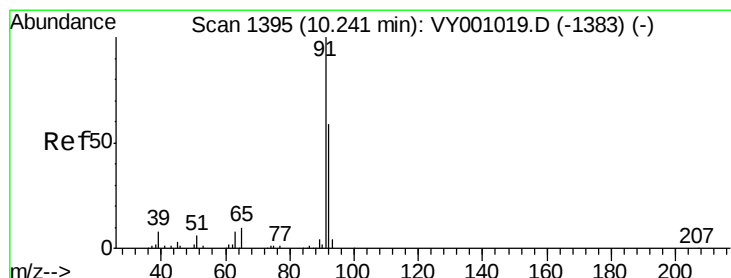
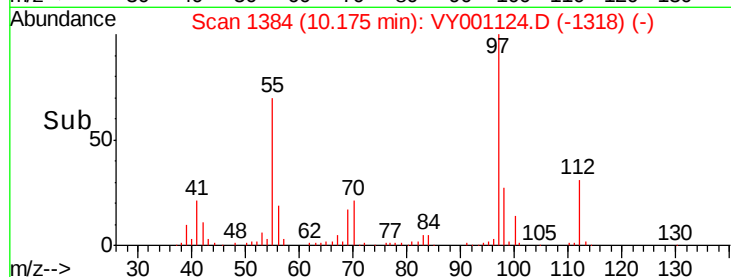
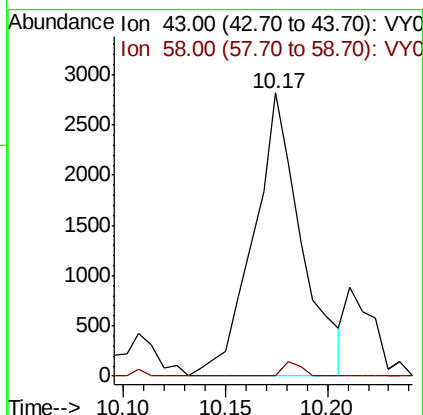
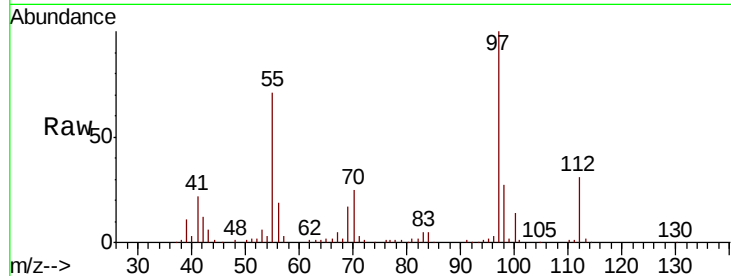




#51
4-Methyl-2-Pentanone
Concen: 62.915 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. 0.10 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

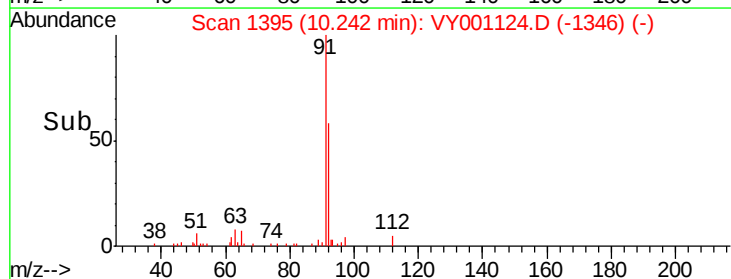
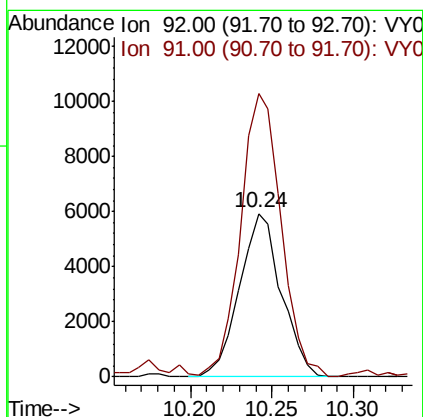
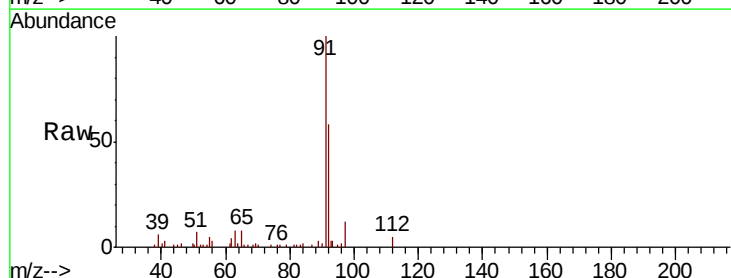
Instrument :
MSVOA_Y
ClientSampled :

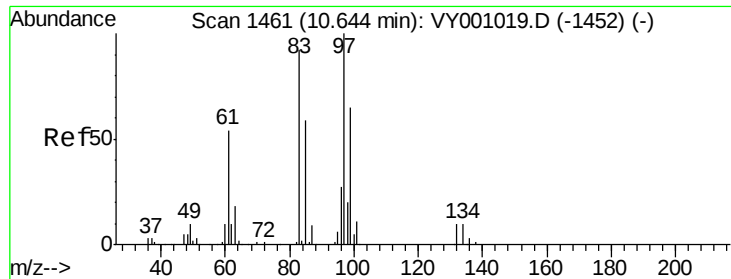
Tot Ion: 43 Resp: 4595
Ion Ratio Lower Upper
43 100
58 2.0 34.6 52.0#



#52
Toluene
Concen: 41.746 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 92 Resp: 10597
Ion Ratio Lower Upper
92 100
91 167.8 135.7 203.5

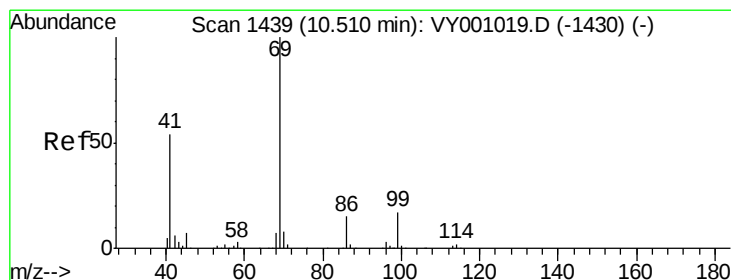
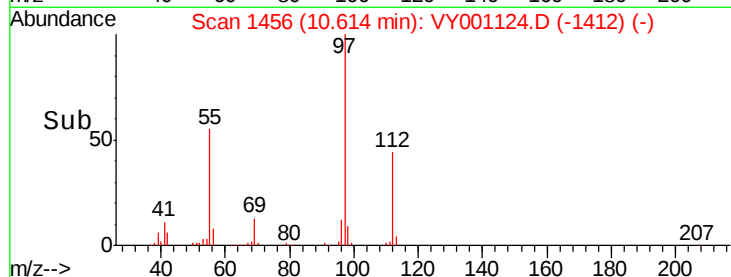
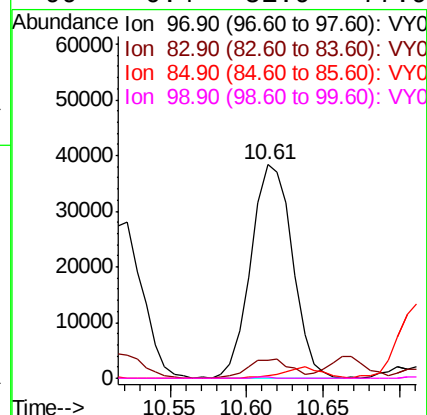
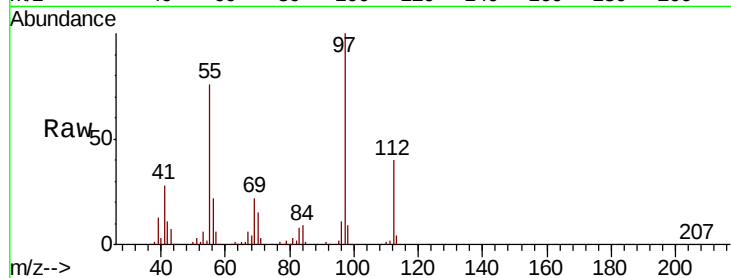




#55
 1,1,2-Trichloroethane
 Concen: 911.677 ug/l
 RT: 10.61 min Scan# 1456
 Delta R.T. -0.03 min
 Lab File: VY001124.D
 Acq: 30 Dec 2019 14:40

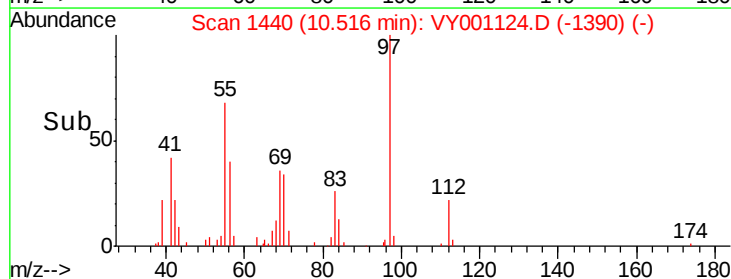
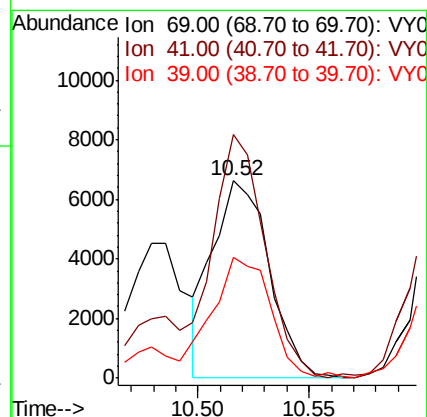
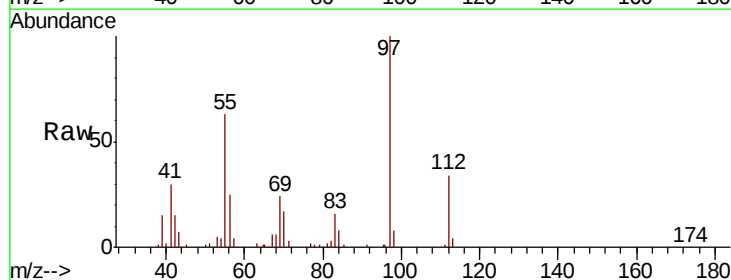
Instrument :
 MSVOA_Y
 ClientSampleId :

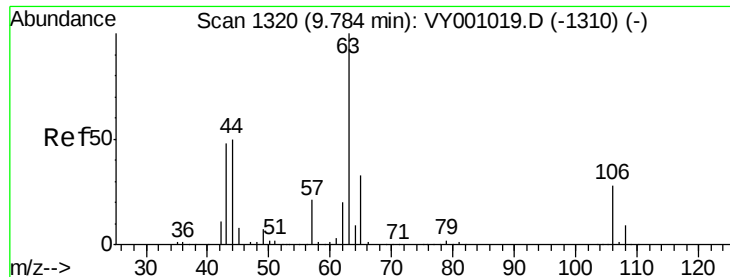
Tot Ion: 97 Resp: 72590
 Ion Ratio Lower Upper
 97 100
 83 8.5 73.7 110.5#
 85 1.2 47.3 70.9#
 99 0.4 51.9 77.9#



#56
 Ethyl methacrylate
 Concen: 103.538 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: VY001124.D
 Acq: 30 Dec 2019 14:40

Tgt Ion: 69 Resp: 11733
 Ion Ratio Lower Upper
 69 100
 41 115.2 44.7 67.1#
 39 63.5 22.2 33.4#

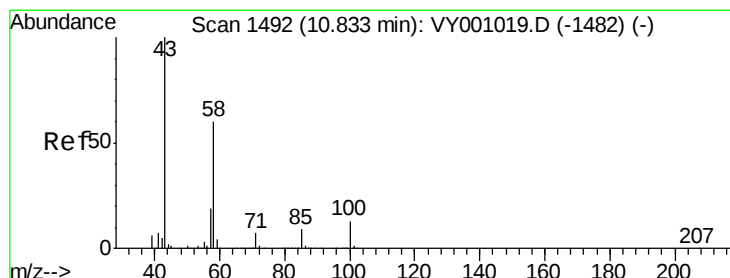
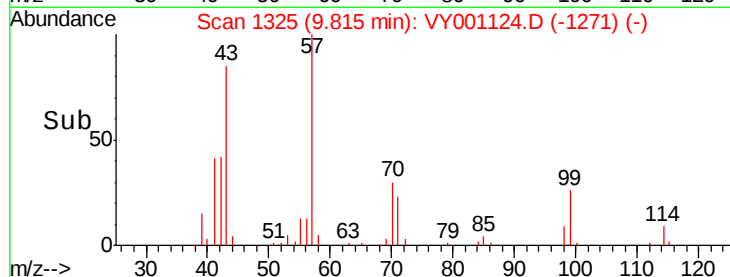
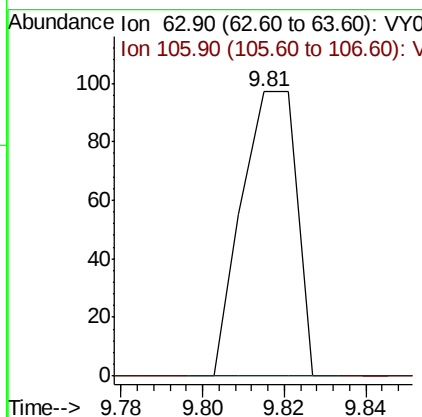
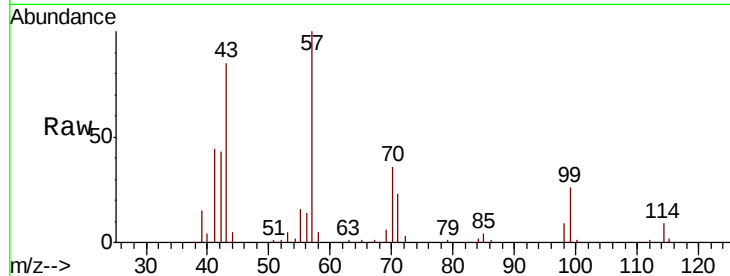




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.079 ug/l
 RT: 9.81 min Scan# 1325
 Delta R.T. 0.03 min
 Lab File: VY001124.D
 Acq: 30 Dec 2019 14:40

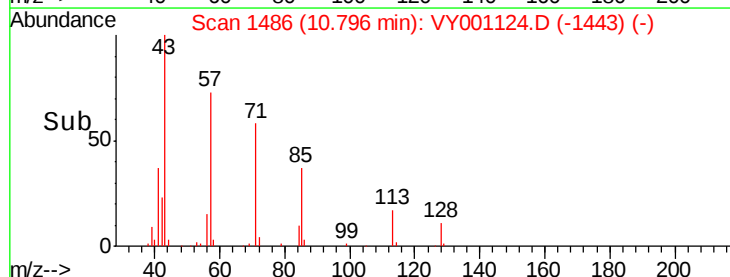
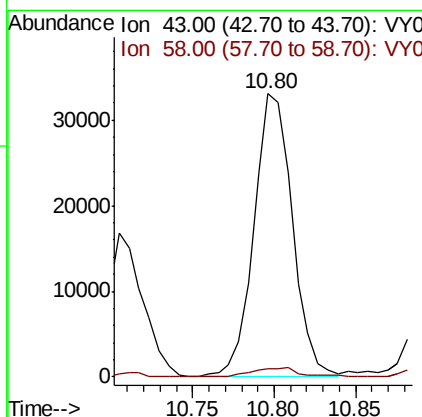
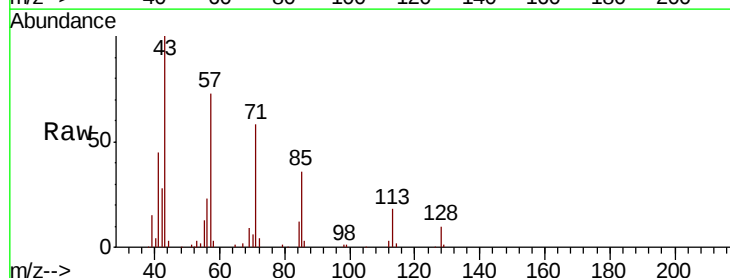
Instrument :
 MSVOA_Y
 ClientSampled :

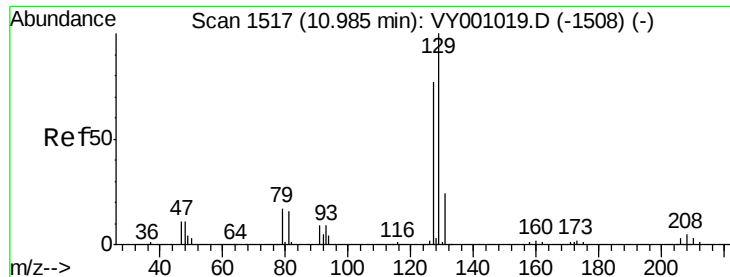
Tot Ion: 63 Resp: 91
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.7 34.1#



#59
 2-Hexanone
 Concen: 1078.372 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.04 min
 Lab File: VY001124.D
 Acq: 30 Dec 2019 14:40

Tgt Ion: 43 Resp: 54497
 Ion Ratio Lower Upper
 43 100
 58 4.0 30.6 91.6#

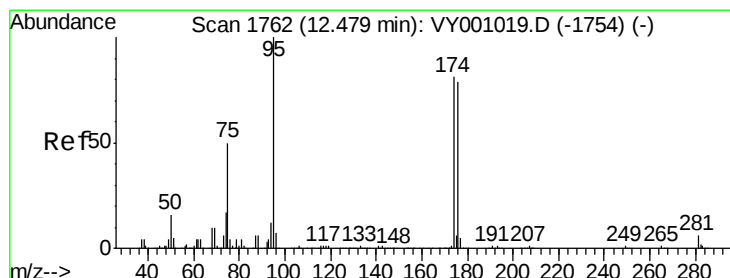
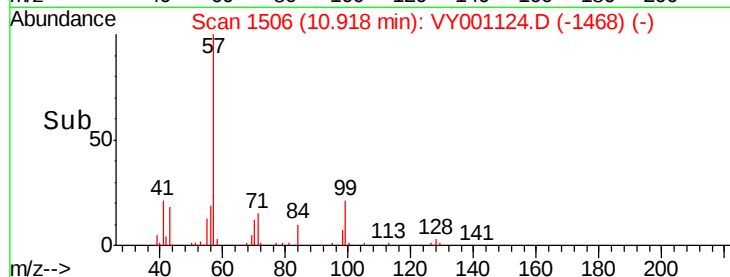
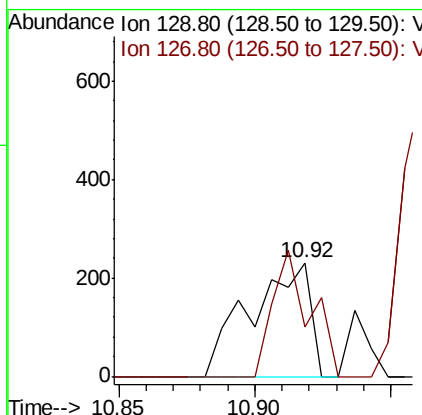
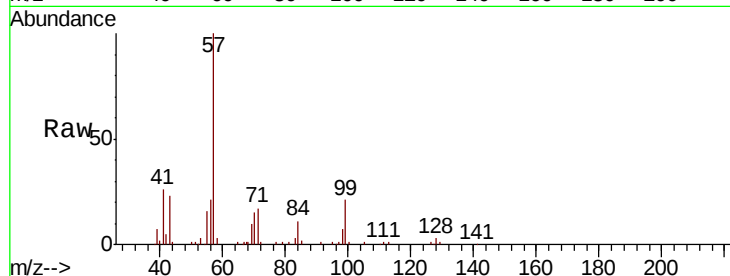




#60
Dibromochloromethane
Concen: 4.127 ug/l
RT: 10.92 min Scan# 1506
Delta R.T. -0.07 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

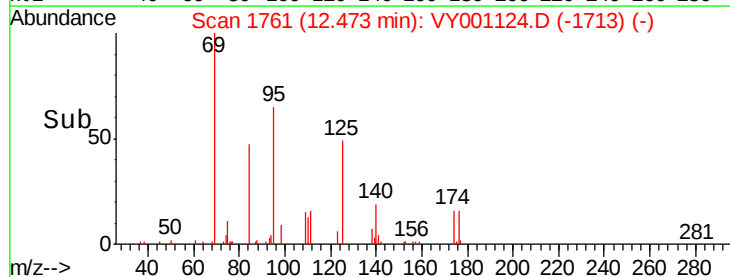
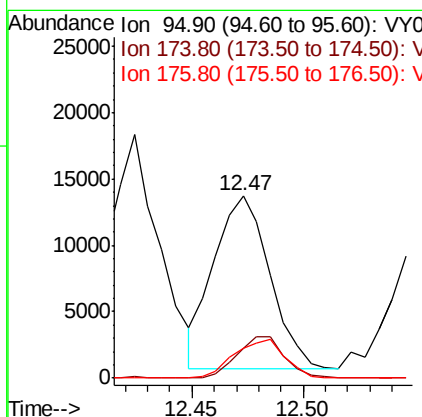
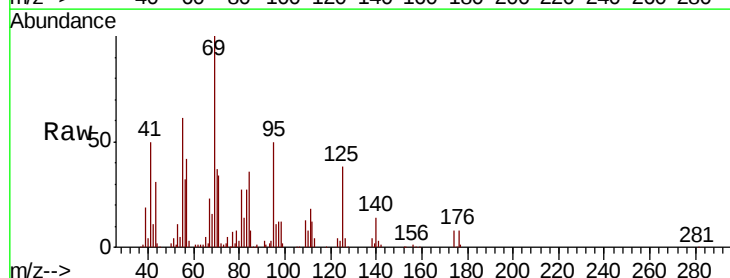
Instrument :
MSVOA_Y
ClientSampled :

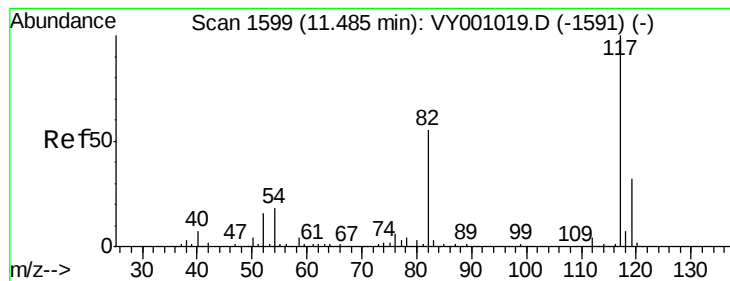
Tot Ion:129 Resp: 351
Ion Ratio Lower Upper
129 100
127 68.9 39.1 117.3



#62
4-Bromofluorobenzene
Concen: 188.590 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 95 Resp: 22738
Ion Ratio Lower Upper
95 100
174 20.4 0.0 156.4
176 20.3 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

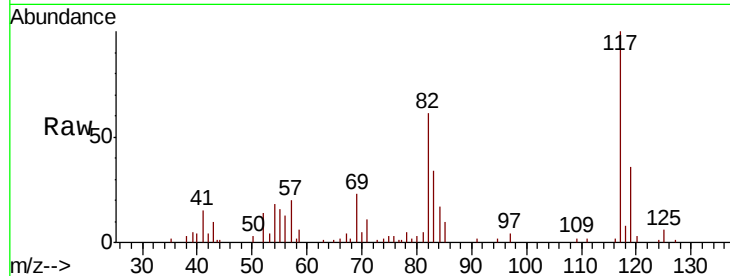
Tot Ion:117 Resp: 14402

Ion Ratio Lower Upper

117 100

82 0.0 43.8 65.8#

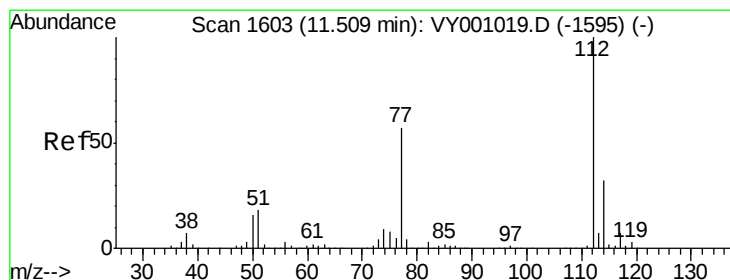
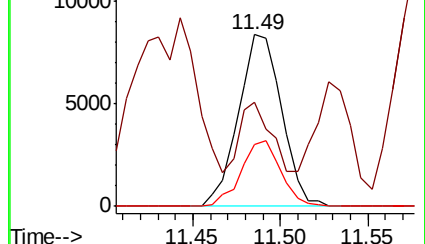
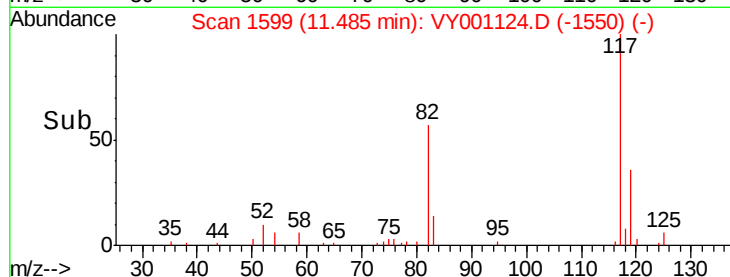
119 36.4 25.8 38.6



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



#65

Chlorobenzene

Concen: 19.485 ug/l

RT: 11.62 min Scan# 1621

Delta R.T. 0.11 min

Lab File: VY001124.D

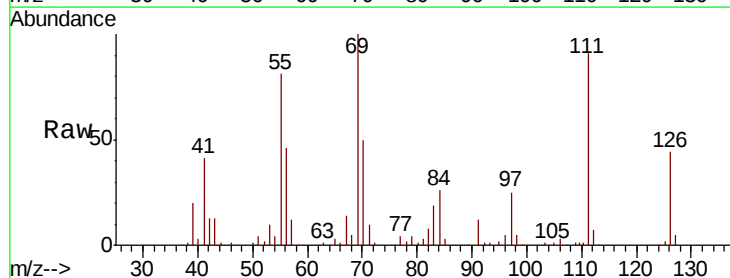
Acq: 30 Dec 2019 14:40

Tgt Ion:112 Resp: 5821

Ion Ratio Lower Upper

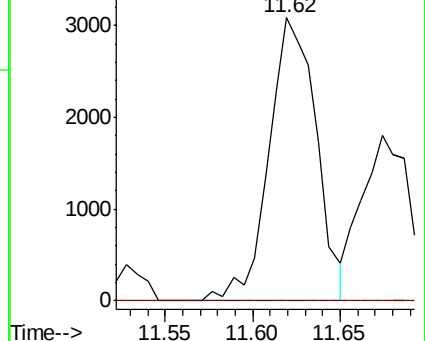
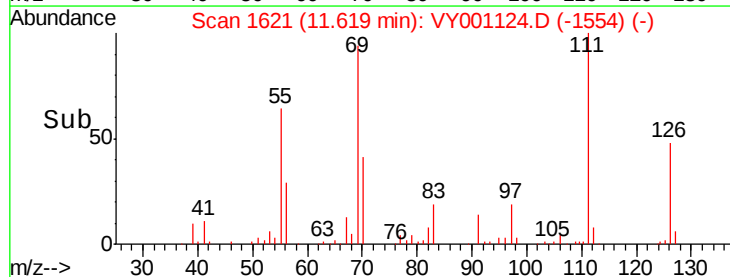
112 100

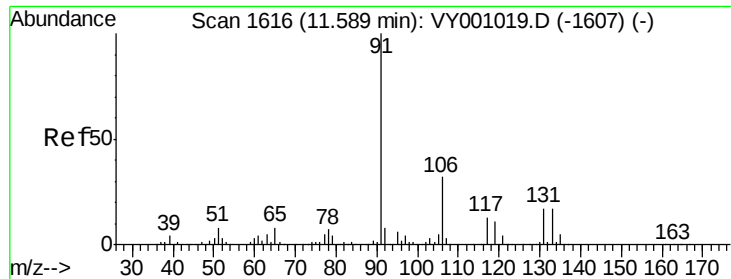
114 0.0 25.4 38.2#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

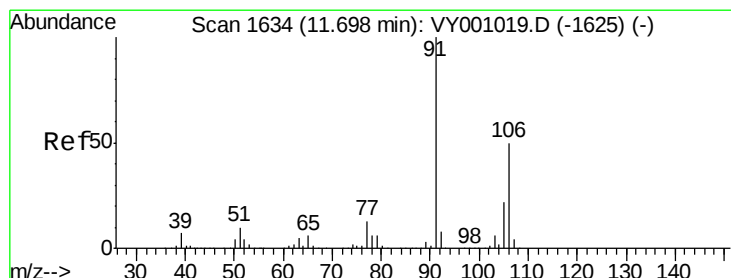
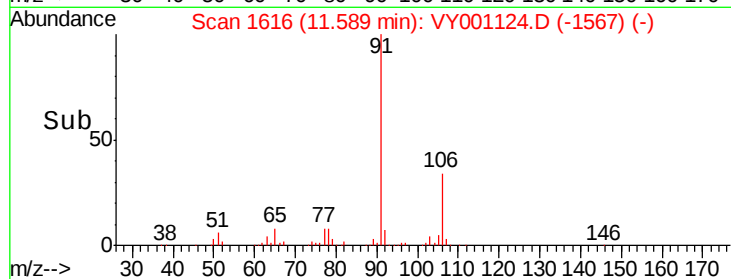
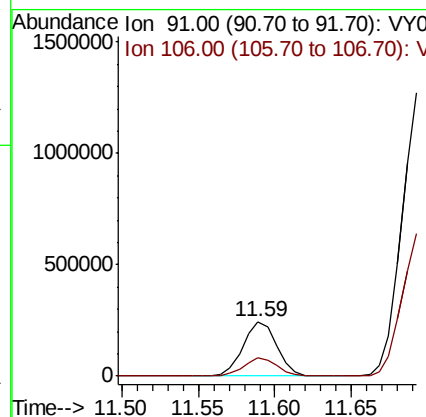
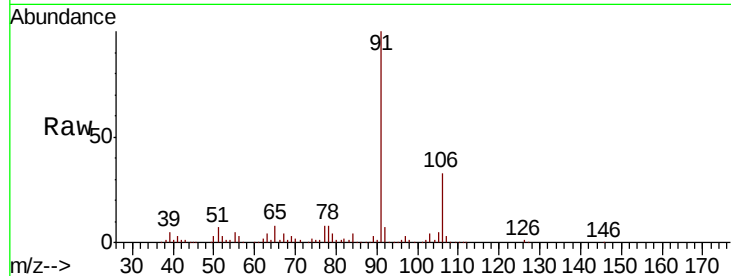




#67
Ethyl Benzene
Concen: 698.000 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

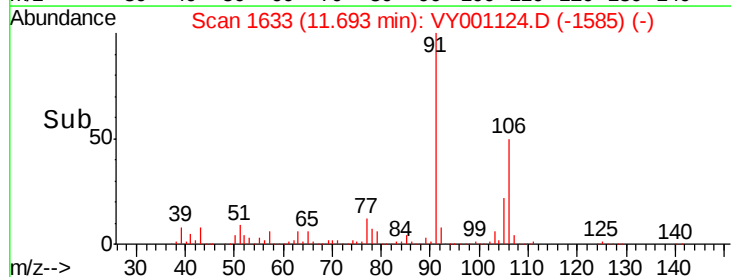
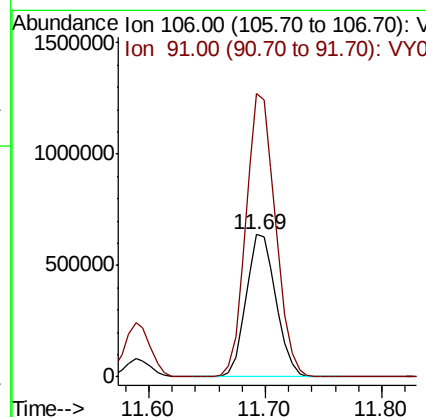
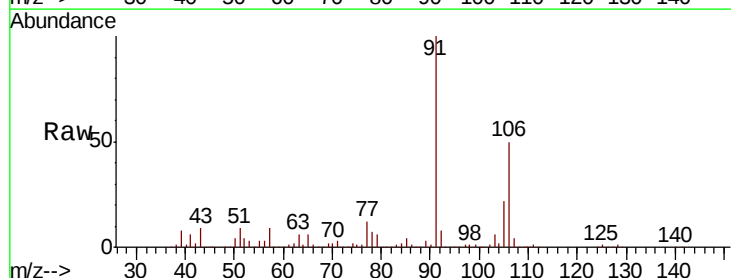
Instrument :
MSVOA_Y
ClientSampleId :

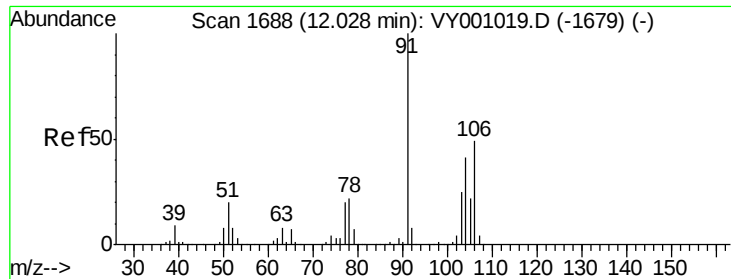
Tot Ion: 91 Resp: 375062
Ion Ratio Lower Upper
91 100
106 33.4 25.3 37.9



#68
m/p-Xylenes
Concen: 5596.042 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 106 Resp: 1141735
Ion Ratio Lower Upper
106 100
91 197.0 156.4 234.6

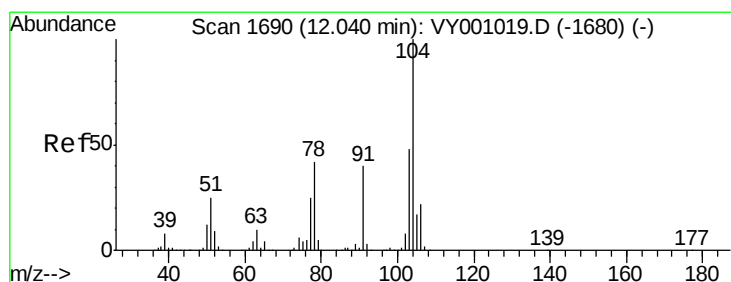
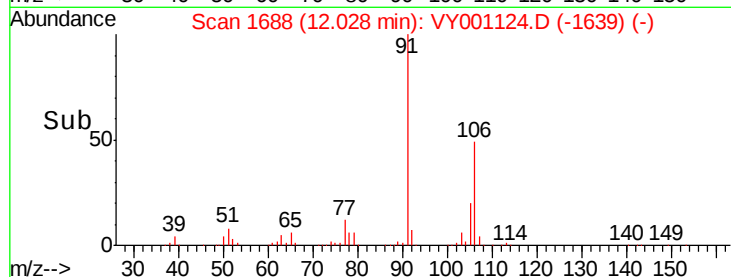
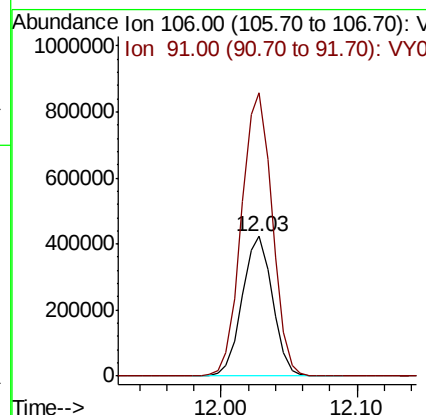
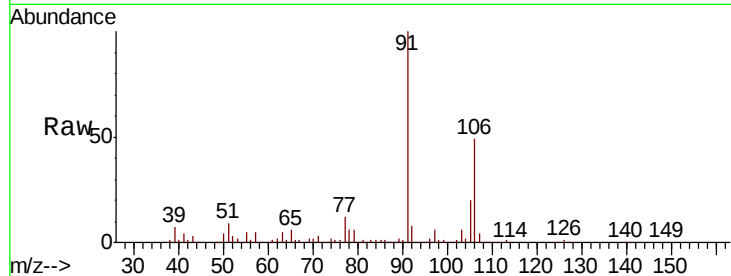




#69
o-Xylene
Concen: 3422.273 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

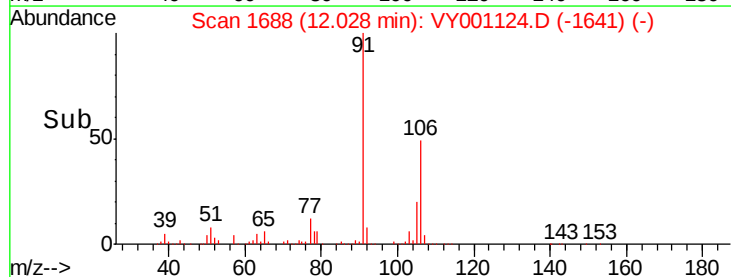
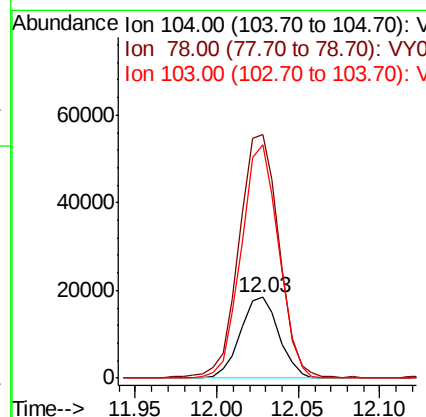
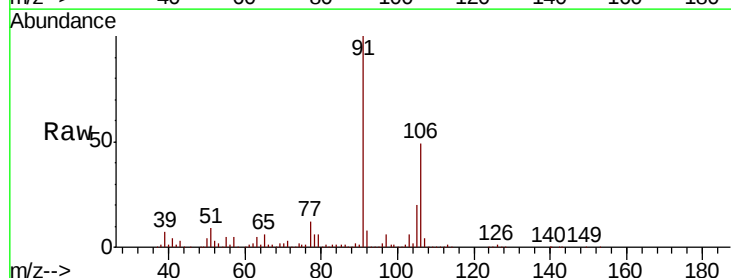
Instrument :
MSVOA_Y
ClientSampled :

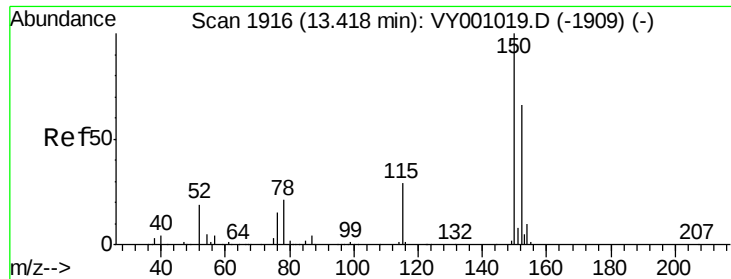
Tot Ion:106 Resp: 656874
Ion Ratio Lower Upper
106 100
91 205.8 103.0 309.0



#70
Styrene
Concen: 92.907 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

Tgt Ion:104 Resp: 30322
Ion Ratio Lower Upper
104 100
78 313.9 36.6 54.8#
103 281.9 42.6 64.0#



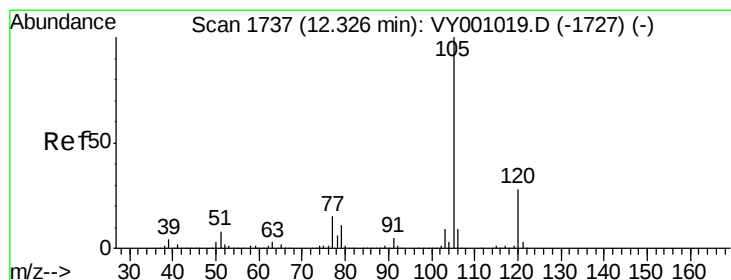
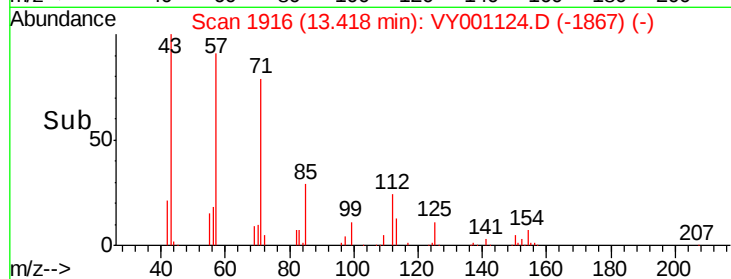
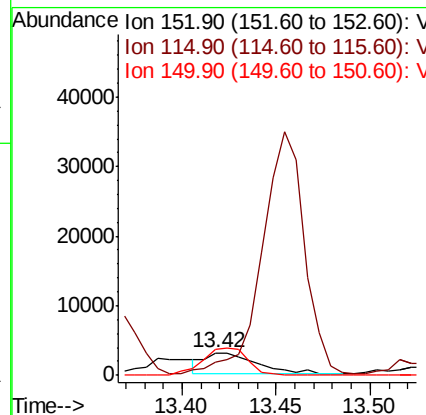
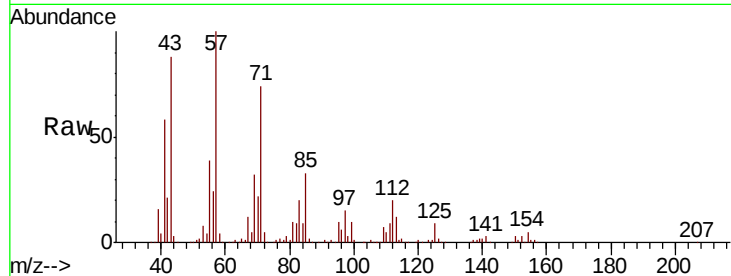


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

Instrument :
MSVOA_Y
ClientSampleId :

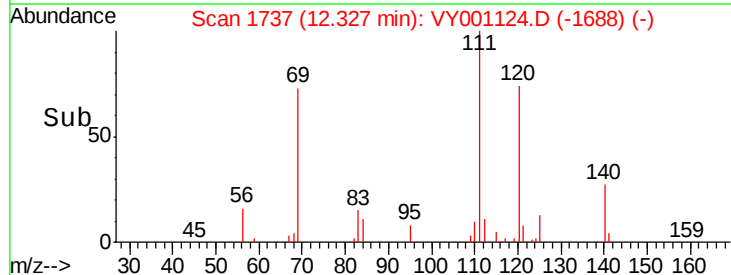
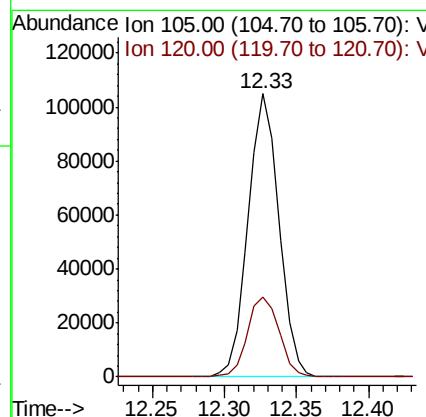
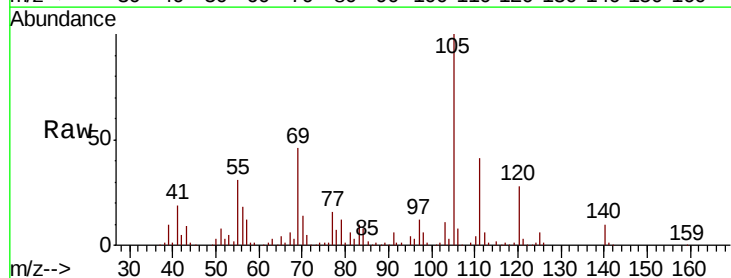
Tot Ion:152 Resp: 5961
Ion Ratio Lower Upper
152 100
115 0.0 29.8 89.3#
150 109.3 0.0 352.6

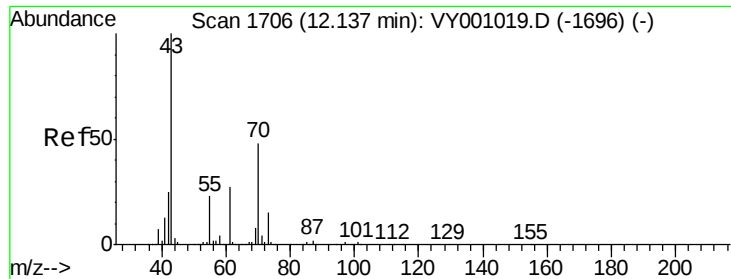


#73

Isopropylbenzene
Concen: 336.830 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

Tgt Ion:105 Resp: 155376
Ion Ratio Lower Upper
105 100
120 28.7 13.4 40.2





#74

N-amvl acetate

Concen: 1461.537 ug/l

RT: 12.12 min Scan# 1703

Delta R.T. -0.02 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 43 Resp: 177117

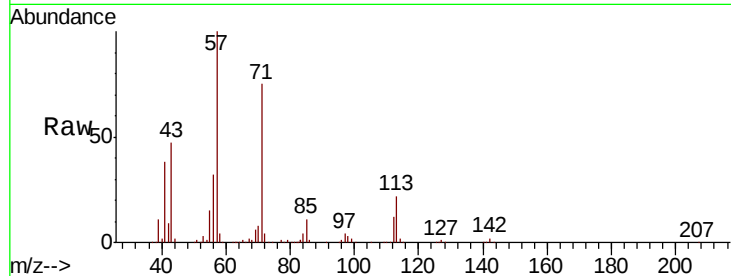
Ion Ratio Lower Upper

43 100

70 12.9 39.0 58.6#

55 16.3 19.5 29.3#

61 0.0 22.0 33.0#

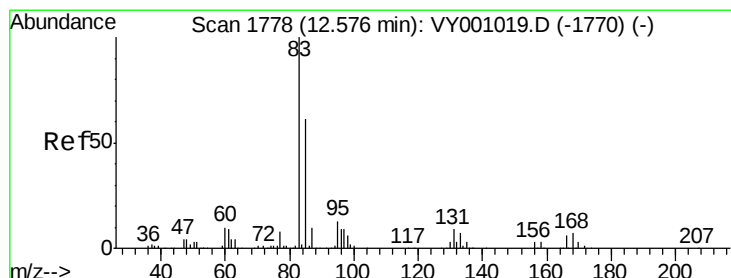
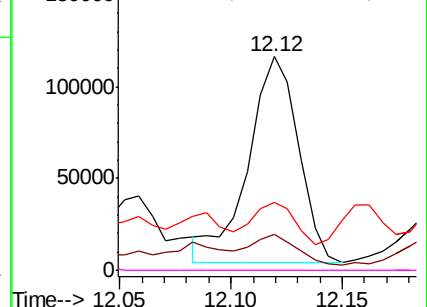
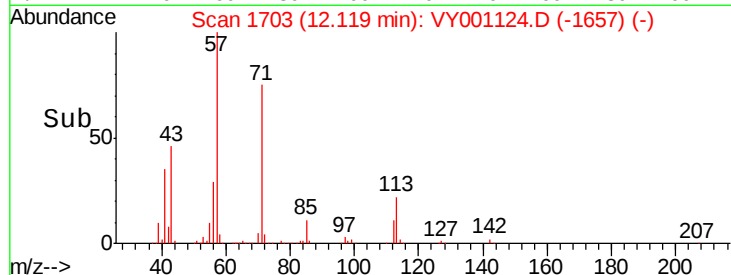


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#75

1,1,2,2-Tetrachloroethane

Concen: 380.372 ug/l

RT: 12.53 min Scan# 1770

Delta R.T. -0.05 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

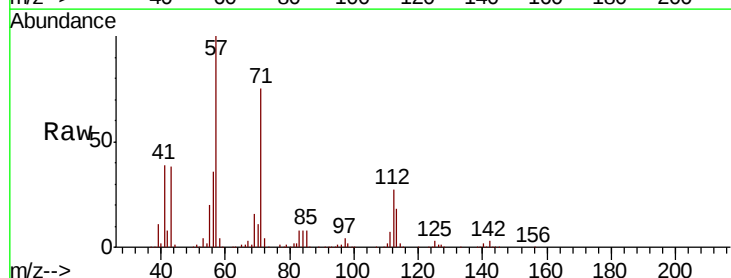
Tgt Ion: 83 Resp: 34566

Ion Ratio Lower Upper

83 100

131 0.1 5.1 15.3#

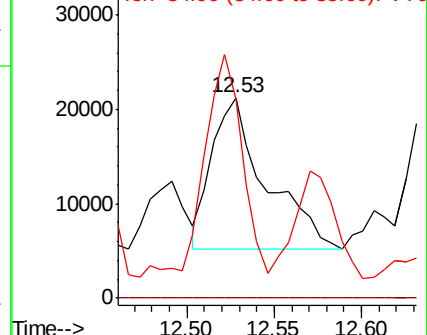
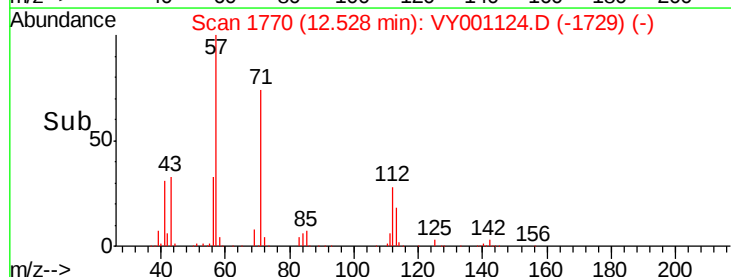
85 104.9 32.1 96.5#

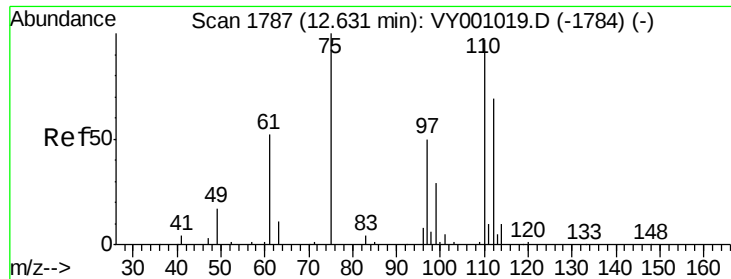


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0





#76

1,2,3-Trichloropropane

Concen: 51.683 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.04 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

Instrument :

MSVOA_Y

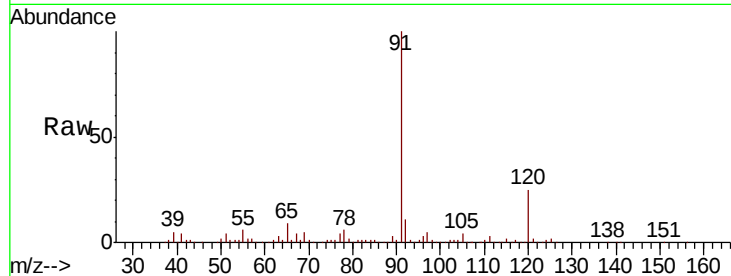
ClientSampleId :

Tot Ion: 75 Resp: 3798

Ion Ratio Lower Upper

75 100

77 675.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

250000

200000

150000

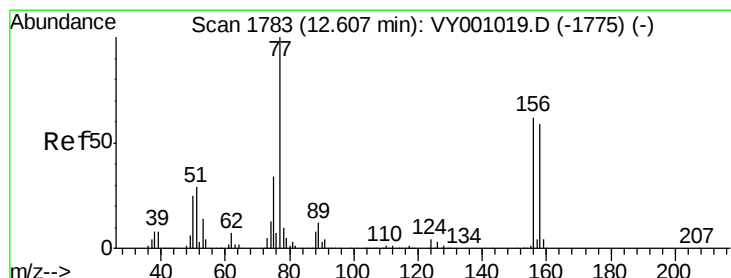
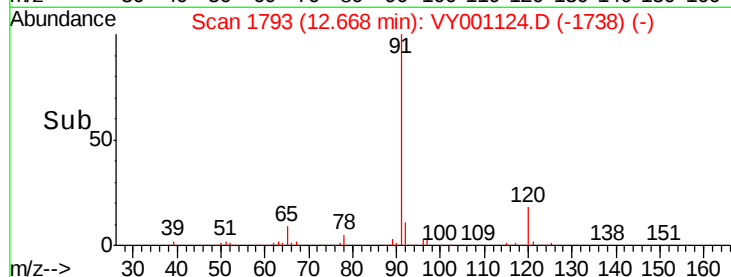
100000

50000

0

12.60 12.65 12.70

Time-->



#77

Bromobenzene

Concen: 1.899 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

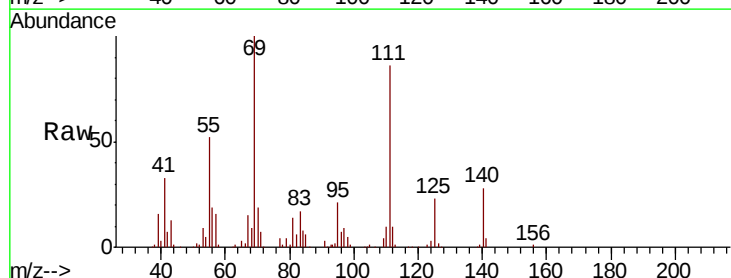
Tgt Ion: 156 Resp: 197

Ion Ratio Lower Upper

156 100

77 0.0 98.0 294.1#

158 0.0 48.5 145.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V

4000

3000

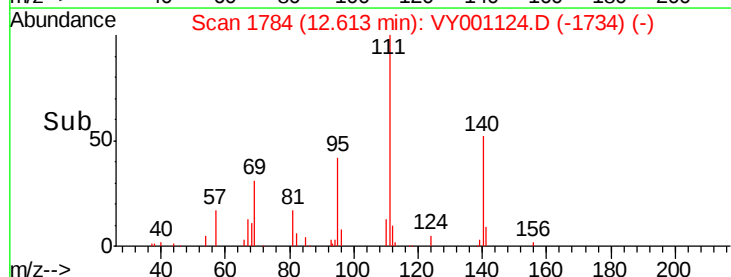
2000

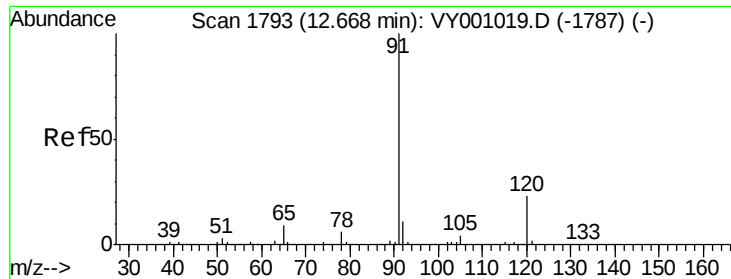
1000

0

12.60 12.62

Time-->





#78

n-propylbenzene

Concen: 1034.456 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

Instrument :

MSVOA_Y

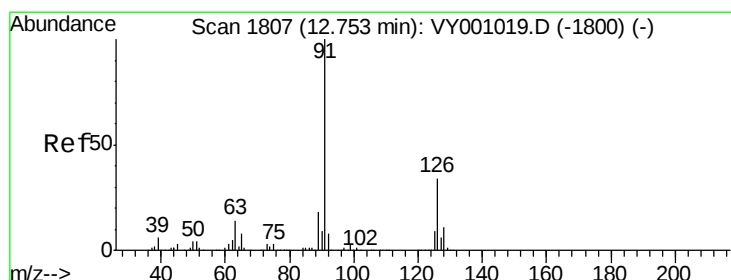
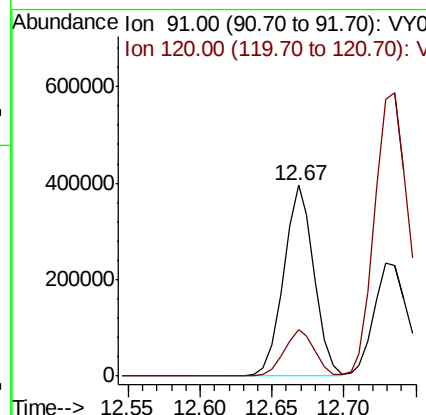
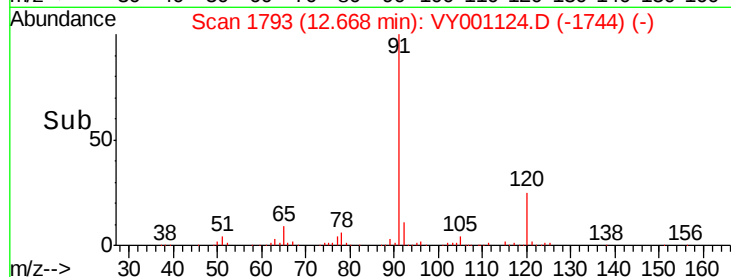
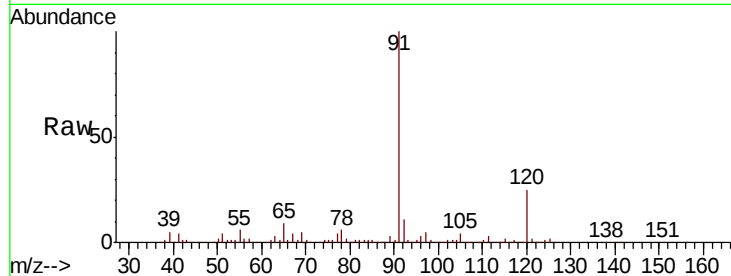
ClientSampleId :

Tot Ion: 91 Resp: 581449

Ion Ratio Lower Upper

91 100

120 24.5 11.4 34.2



#79

2-Chlorotoluene

Concen: 1182.584 ug/l

RT: 12.73 min Scan# 1803

Delta R.T. -0.02 min

Lab File: VY001124.D

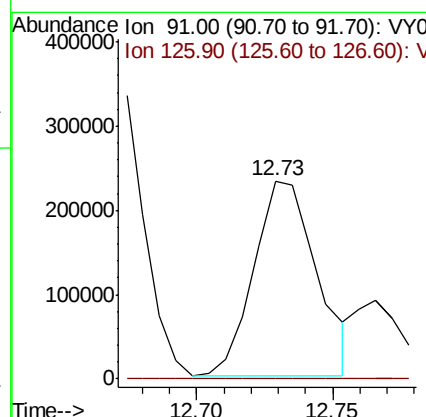
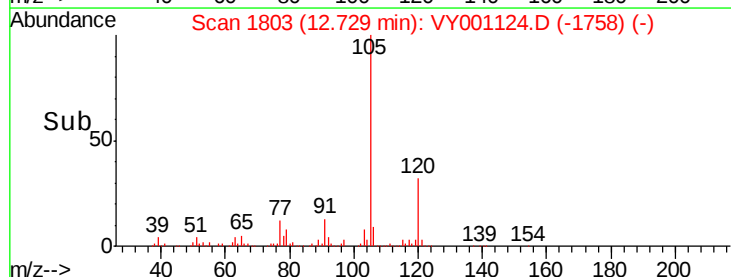
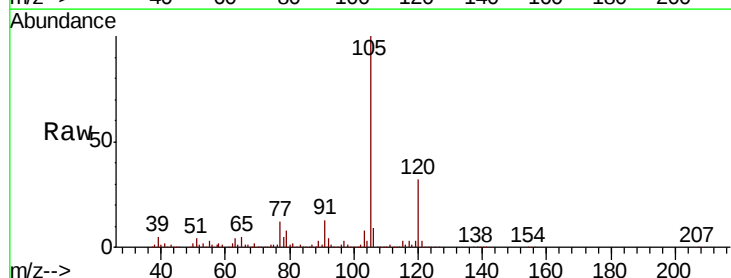
Acq: 30 Dec 2019 14:40

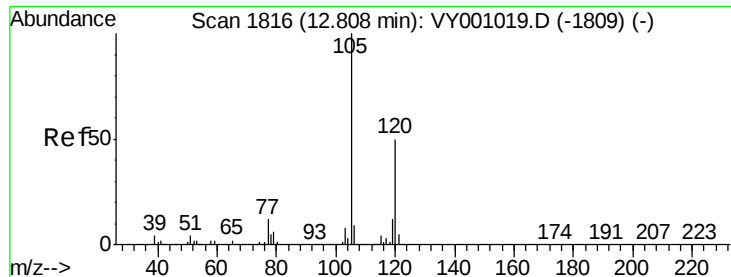
Tgt Ion: 91 Resp: 367083

Ion Ratio Lower Upper

91 100

126 0.1 17.3 51.7#





#80

1,3,5-Trimethylbenzene

Concen: 3471.899 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

Instrument :

MSVOA_Y

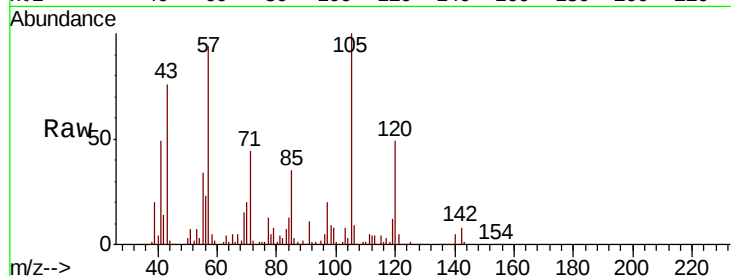
ClientSampled :

Tot Ion:105 Resp: 1312781

Ion Ratio Lower Upper

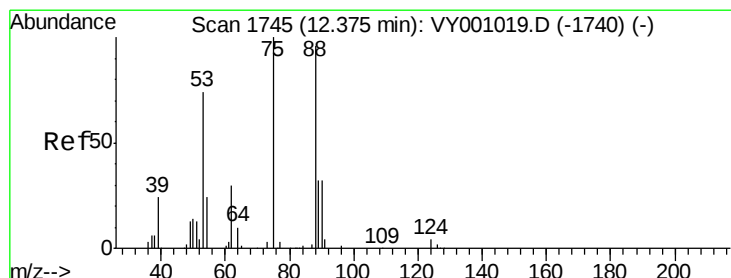
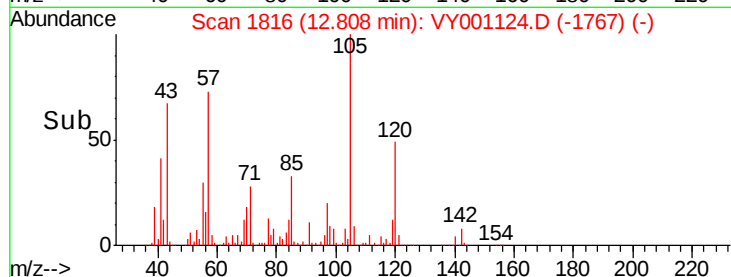
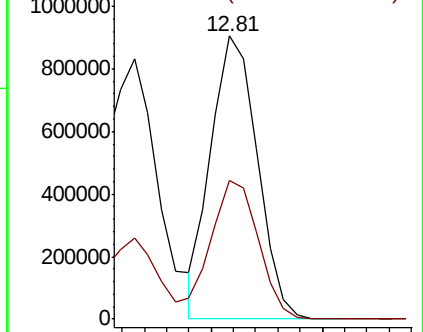
105 100

120 50.9 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 45.971 ug/l

RT: 12.32 min Scan# 1736

Delta R.T. -0.05 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

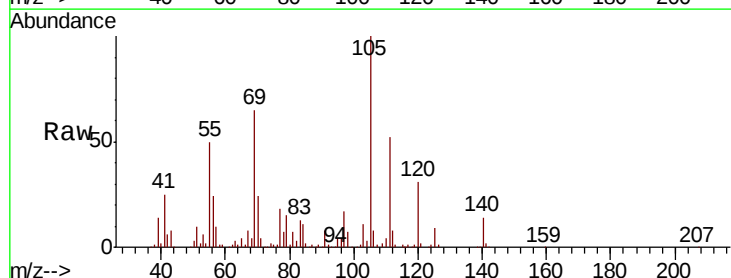
Tgt Ion: 75 Resp: 1584

Ion Ratio Lower Upper

75 100

53 157.3 60.6 91.0#

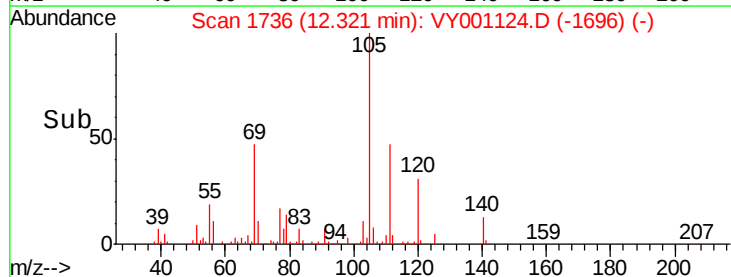
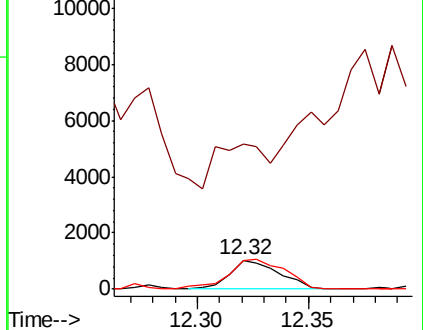
89 118.0 35.4 53.0#

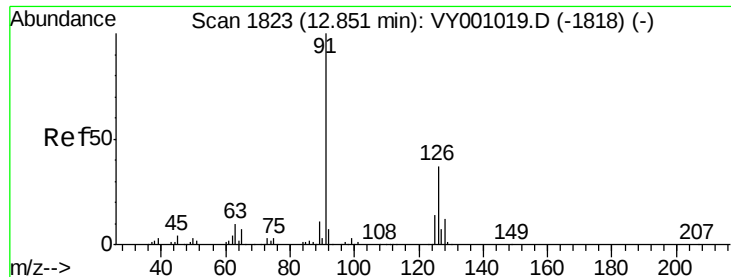


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

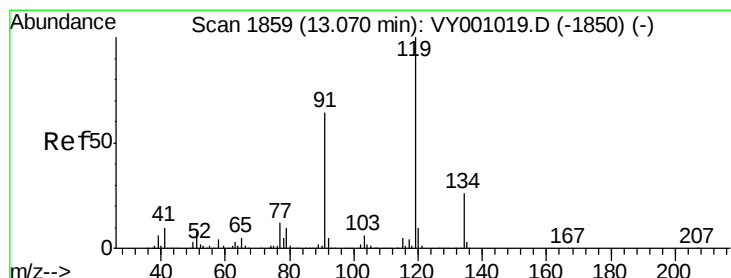
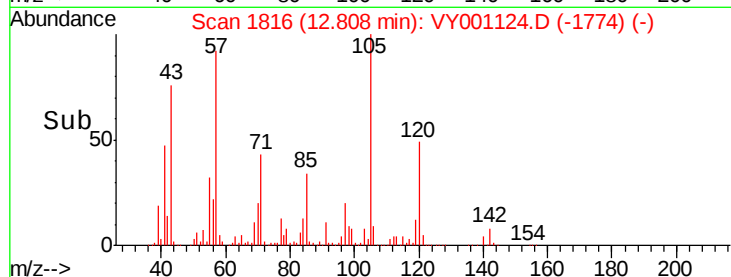
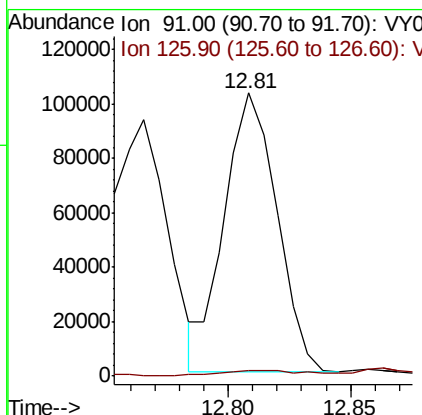
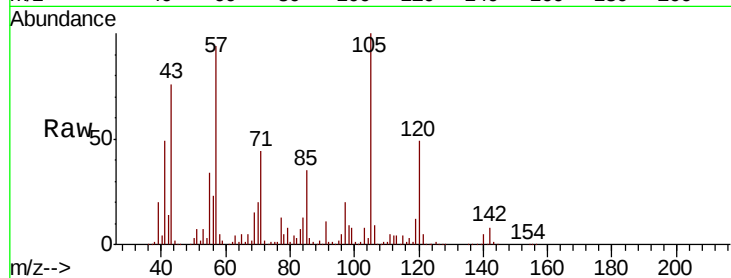




#82
 4-Chlorotoluene
 Concen: 475.529 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.04 min
 Lab File: VY001124.D
 Acq: 30 Dec 2019 14:40

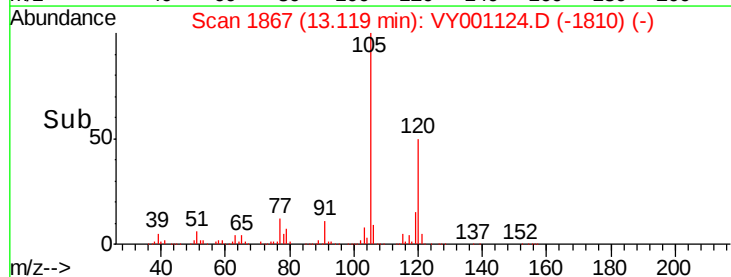
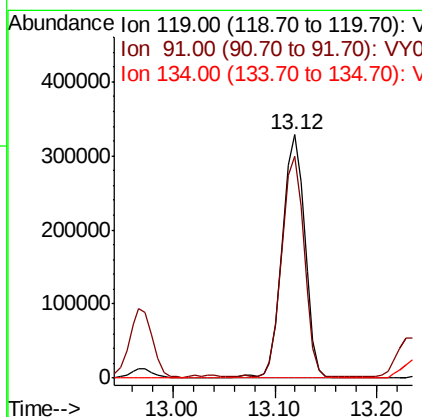
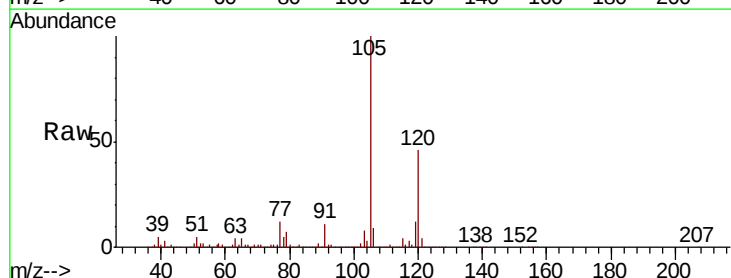
Instrument :
 MSVOA_Y
 ClientSampled :

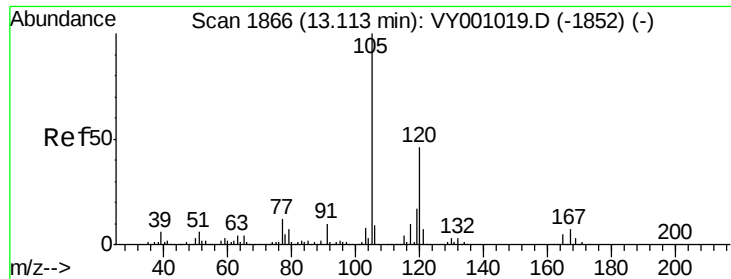
Tot Ion: 91 Resp: 153316
 Ion Ratio Lower Upper
 91 100
 126 2.8 17.6 52.8#



#83
 tert-Butylbenzene
 Concen: 1589.394 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.05 min
 Lab File: VY001124.D
 Acq: 30 Dec 2019 14:40

Tgt Ion: 119 Resp: 504478
 Ion Ratio Lower Upper
 119 100
 91 88.9 31.9 95.7
 134 0.0 13.6 40.7#



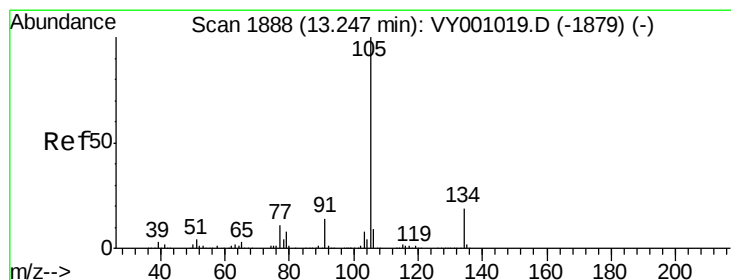
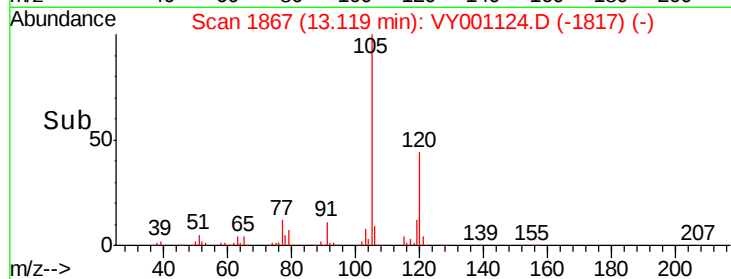
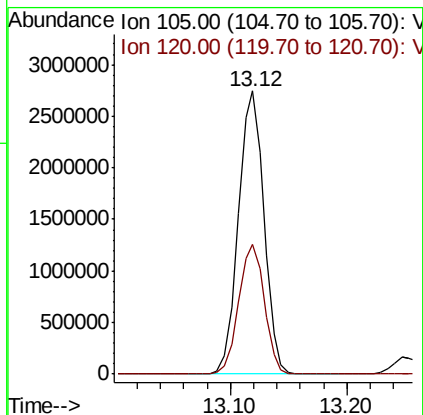
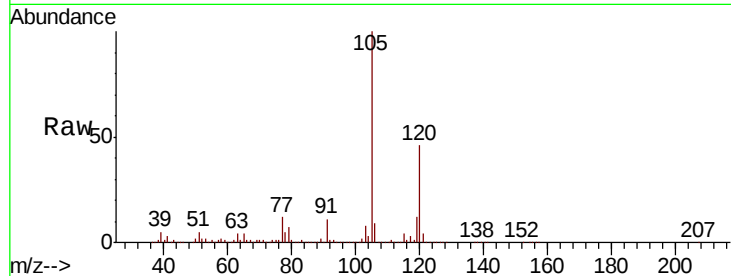


#84

1,2,4-Trimethylbenzene
Concen: 11017.964 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

Instrument :
MSVOA_Y
ClientSampled :

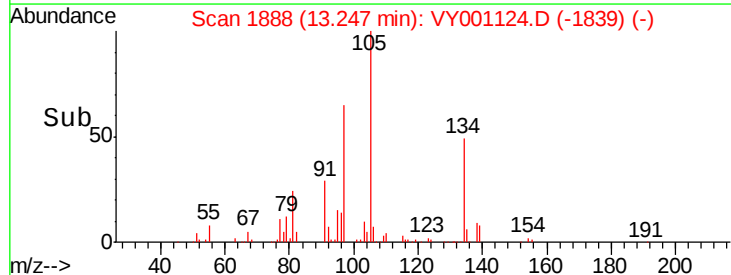
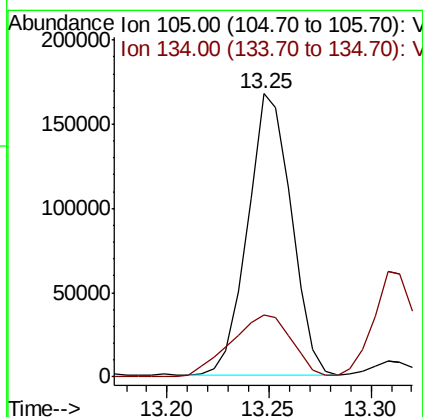
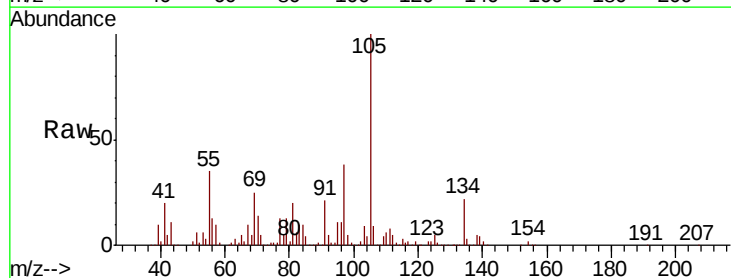
Tot Ion:105 Resp: 4186424
Ion Ratio Lower Upper
105 100
120 46.2 23.4 70.2

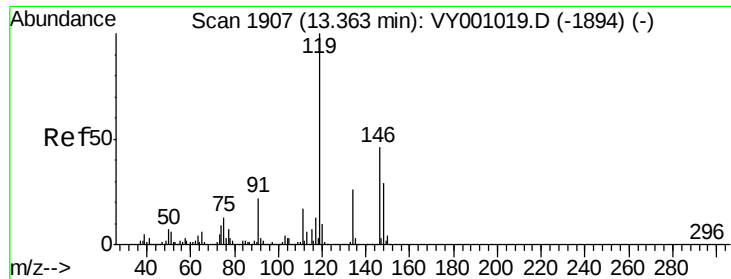


#85

sec-Butylbenzene
Concen: 533.247 ug/l
RT: 13.25 min Scan# 1888
Delta R.T. 0.00 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

Tgt Ion:105 Resp: 249520
Ion Ratio Lower Upper
105 100
134 30.9 10.0 30.0#

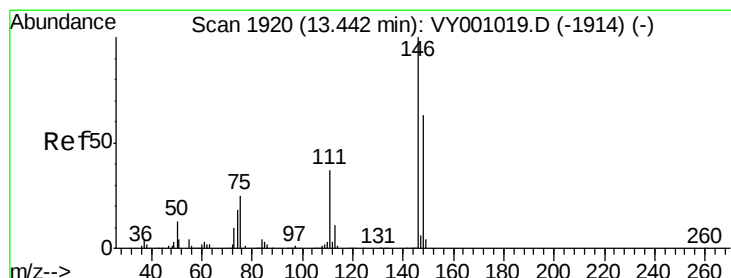
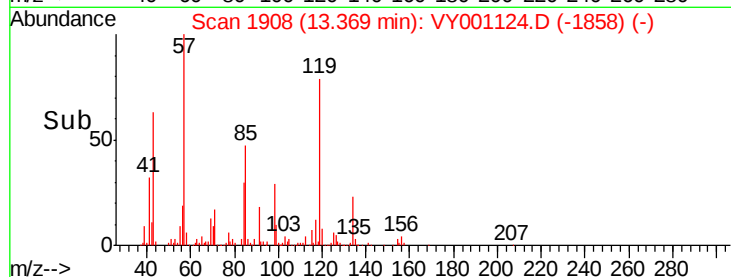
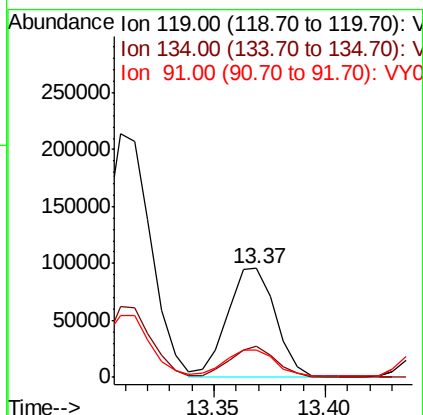
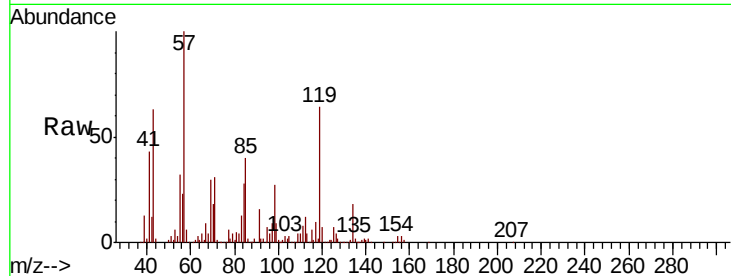




#86
 p-Isopropyltoluene
 Concen: 355.985 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY001124.D
 Acq: 30 Dec 2019 14:40

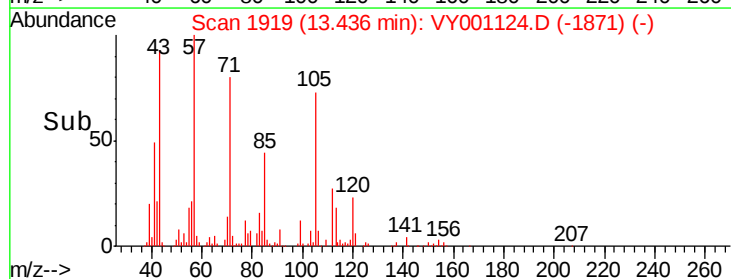
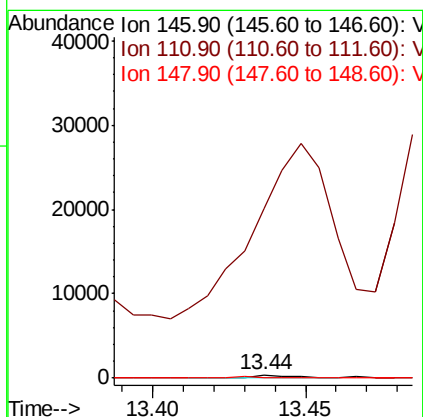
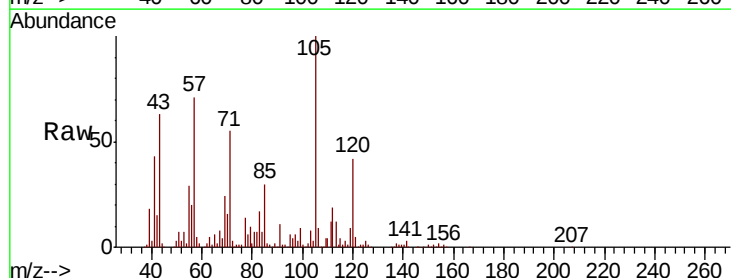
Instrument :
 MSVOA_Y
 ClientSampleId :

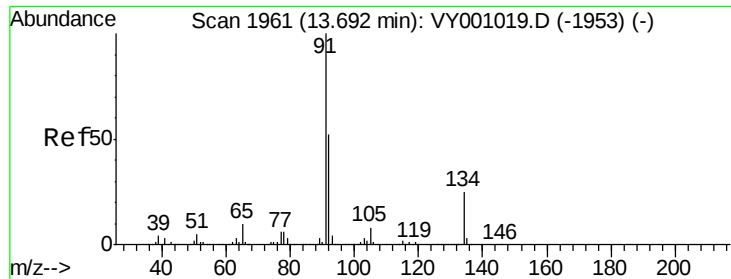
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.6	40.7
91	25.1	11.4	34.1



#88
 1,4-Dichlorobenzene
 Concen: 1.826 ug/l
 RT: 13.44 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: VY001124.D
 Acq: 30 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.4	58.2#
148	45.2	31.8	95.3

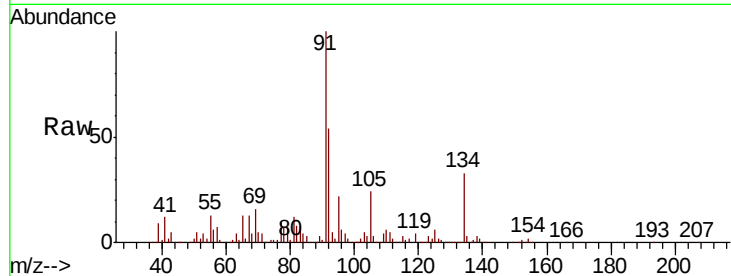




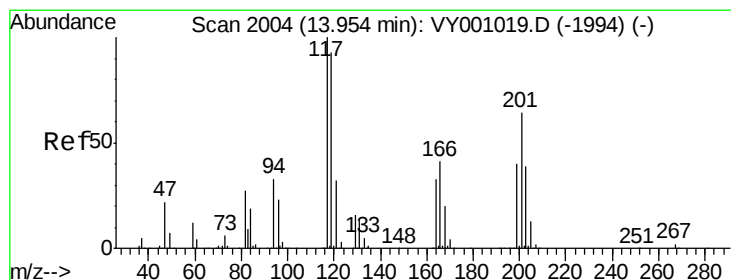
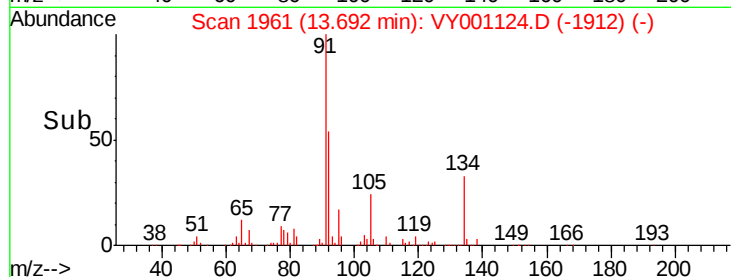
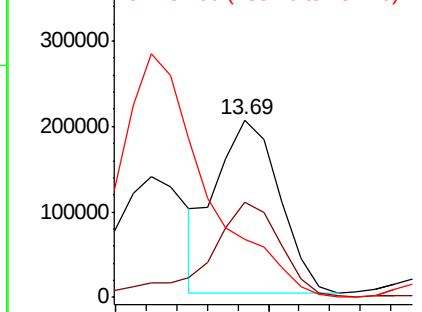
#89
n-Butylbenzene
Concen: 714.929 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 291236
Ion Ratio Lower Upper
91 100
92 61.3 26.9 80.7
134 0.0 12.7 38.0#

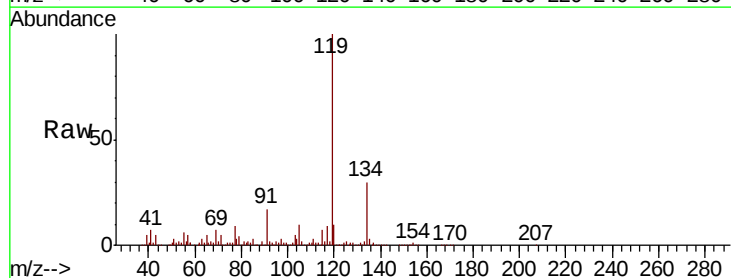


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

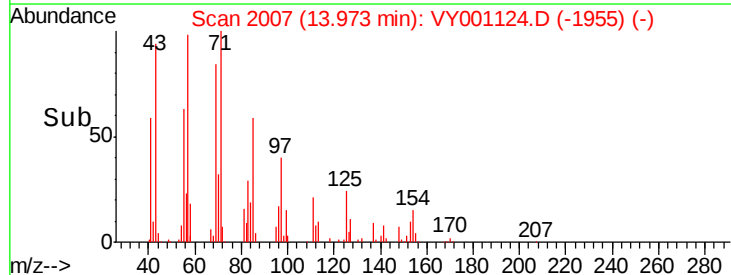
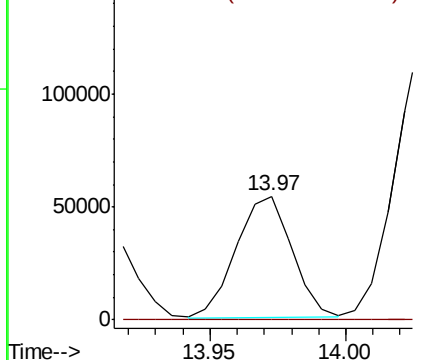


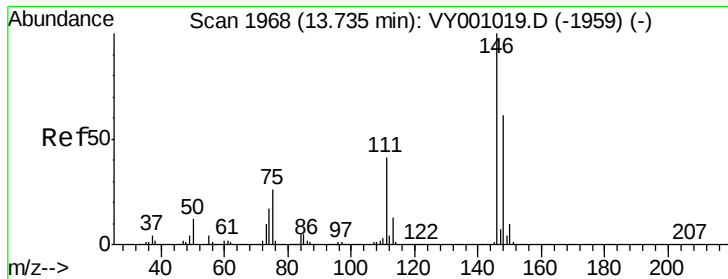
#90
Hexachloroethane
Concen: 995.888 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.02 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 117 Resp: 75969
Ion Ratio Lower Upper
117 100
201 0.0 33.7 101.1#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 1.387 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

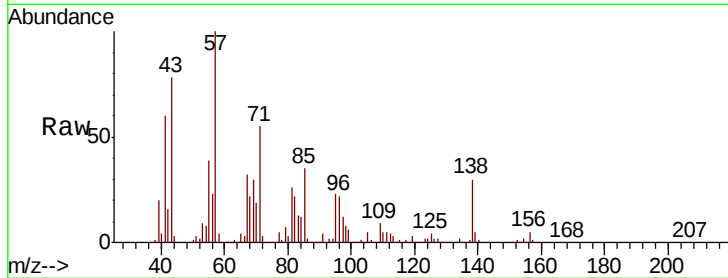
Tot Ion:146 Resp: 255

Ion Ratio Lower Upper

146 100

111 17038.4 20.6 61.9#

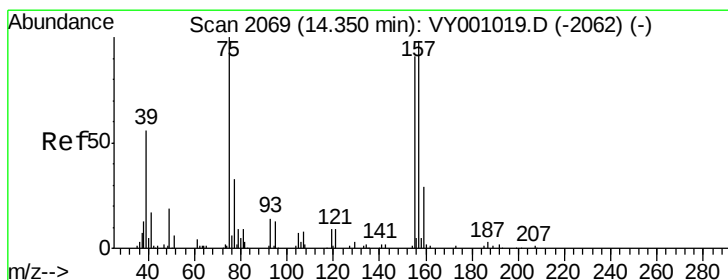
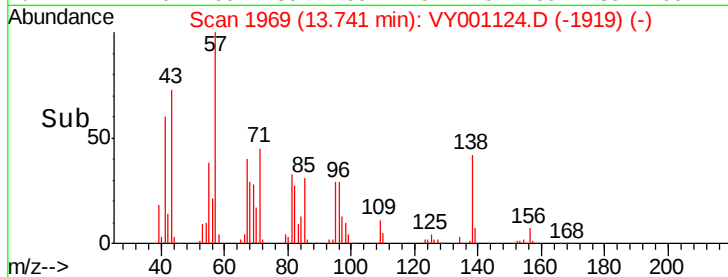
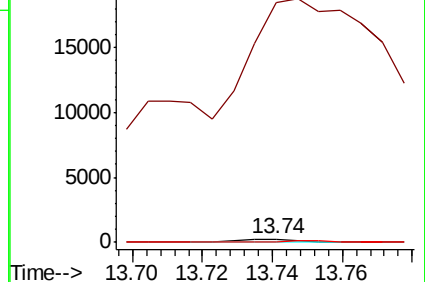
148 0.0 31.6 94.7#



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: 211.130 ug/l

RT: 14.33 min Scan# 2066

Delta R.T. -0.02 min

Lab File: VY001124.D

Acq: 30 Dec 2019 14:40

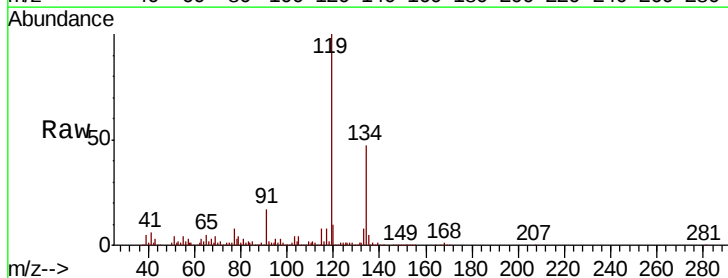
Tgt Ion: 75 Resp: 3210

Ion Ratio Lower Upper

75 100

155 61.9 46.3 138.9

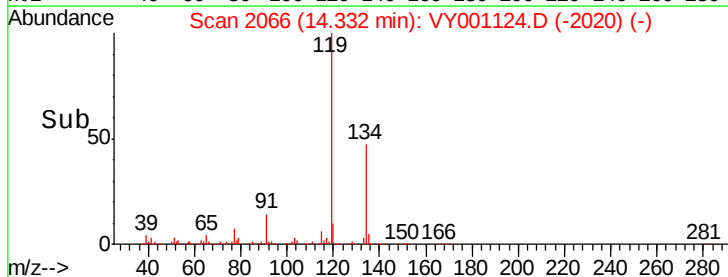
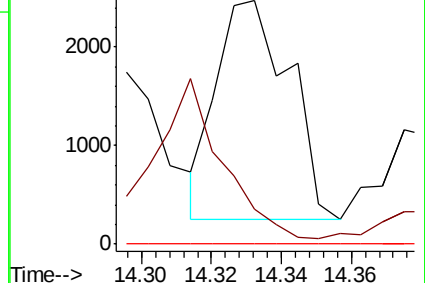
157 0.0 58.1 174.4#

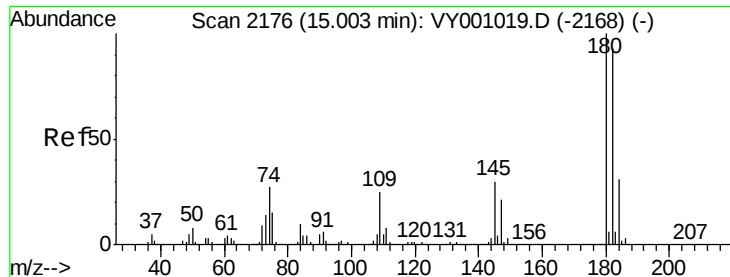


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

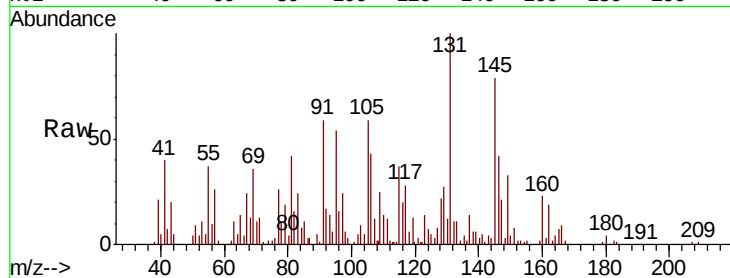




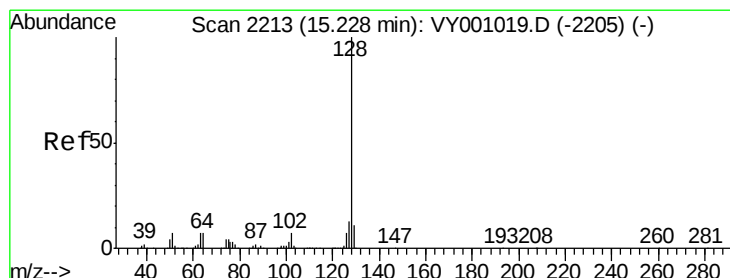
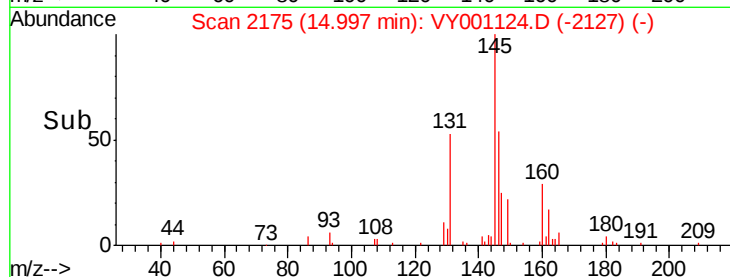
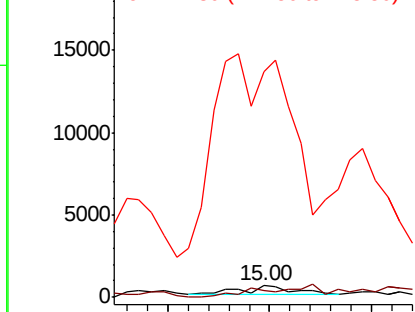
#93
1,2,4-Trichlorobenzene
Concen: 7.593 ug/l
RT: 15.00 min Scan# 2175
Delta R.T. -0.01 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:180 Resp: 942
Ion Ratio Lower Upper
180 100
182 72.0 46.8 140.3
145 1776.1 15.3 45.9#

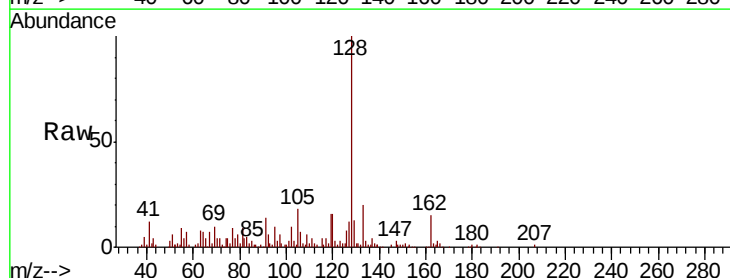


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

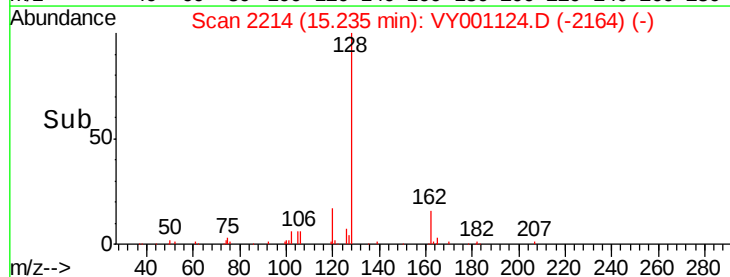
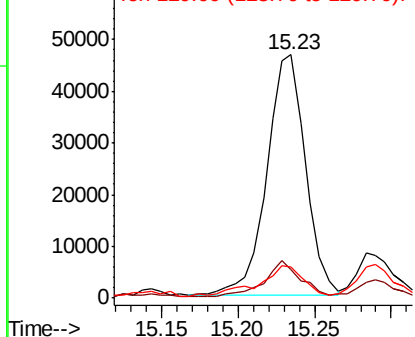


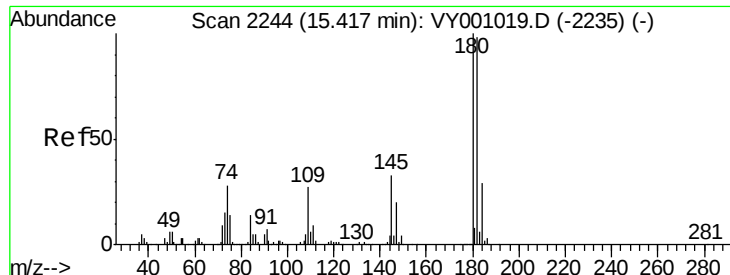
#95
Naphthalene
Concen: 279.590 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001124.D
Acq: 30 Dec 2019 14:40

Tgt Ion:128 Resp: 81573
Ion Ratio Lower Upper
128 100
127 14.5 9.9 14.9
129 14.1 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

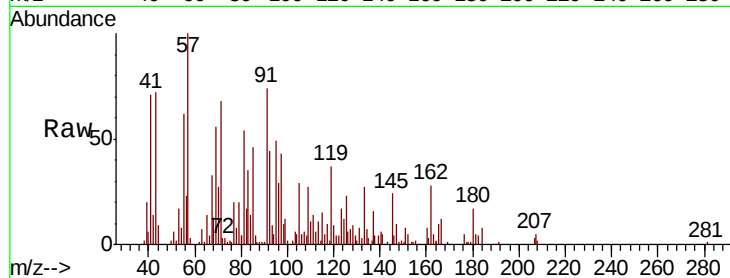




#96
 1,2,3-Trichlorobenzene
 Concen: 19.505 ug/l
 RT: 15.45 min Scan# 2249
 Delta R.T. 0.03 min
 Lab File: VY001124.D
 Acq: 30 Dec 2019 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	13.3	47.9	143.8#
145	0.0	16.3	48.9#



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

