

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000767.D
 Acq On : 21 Nov 2019 14:58
 Operator : SY/MD
 Sample : K5957-03RE
 Misc : 4.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 03:13:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	22117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	37958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	33568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	17412	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	13156	57.48	ug/l	0.00
Spiked Amount			Recovery	=	114.96%	
35) Dibromofluoromethane	7.72	113	9495	42.61	ug/l	-0.01
Spiked Amount			Recovery	=	85.22%	
50) Toluene-d8	10.17	98	44304	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.47	95	18526	57.55	ug/l	0.00
Spiked Amount			Recovery	=	115.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	638	2.127	ug/l #	82
5) Bromomethane	2.66	94	229	1.371	ug/l	83
10) Methyl Iodide	4.11	142	97	3.503	ug/l #	41
11) Tert butyl alcohol	4.94	59	44	1.975	ug/l #	72
13) Acrolein	3.96	56	50	2.576	ug/l #	14
16) Acetone	3.93	43	179	2.838	ug/l #	42
20) Methylene Chloride	4.72	84	528	1.953	ug/l #	55
25) 2-Butanone	7.00	43	207	2.056	ug/l #	49
29) Tetrahydrofuran	7.37	42	76	1.234	ug/l #	35
30) Chloroform	7.52	83	725	1.694	ug/l #	50
36) 1,1-Dichloropropene	7.80	75	1558	4.342	ug/l #	42
38) Carbon Tetrachloride	7.80	117	2640	7.646	ug/l #	11
51) 4-Methyl-2-Pentanone	10.08	43	648	3.045	ug/l #	85
55) 1,1,2-Trichloroethane	10.62	97	562	2.729	ug/l #	14
56) Ethyl methacrylate	10.50	69	364	1.247	ug/l #	25
59) 2-Hexanone	10.80	43	2348	15.146	ug/l #	24
67) Ethyl Benzene	11.59	91	2096	1.673	ug/l	93
68) m/p-Xylenes	11.70	106	1439	2.968	ug/l	89
73) Isopropylbenzene	12.33	105	10095	7.845	ug/l	92
74) N-amyl acetate	12.12	43	41695	113.129	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.55	83	6763	26.542	ug/l #	58
76) 1,2,3-Trichloropropane	12.48	75	7456	37.607	ug/l #	100
78) n-propylbenzene	12.67	91	21264	13.695	ug/l	100
79) 2-Chlorotoluene	12.80	91	2669	3.096	ug/l	83
80) 1,3,5-Trimethylbenzene	12.81	105	4061	3.789	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.48	75	7456	84.321	ug/l #	32
82) 4-Chlorotoluene	12.84	91	971	1.087	ug/l	82
83) tert-Butylbenzene	13.07	119	8422	9.203	ug/l	94
84) 1,2,4-Trimethylbenzene	13.12	105	204804	191.921	ug/l	100
85) sec-Butylbenzene	13.25	105	35252	27.038	ug/l #	64
86) p-Isopropyltoluene	13.36	119	6156	5.298	ug/l	91
89) n-Butylbenzene	13.69	91	55408	48.345	ug/l #	79
90) Hexachloroethane	13.97	117	22903	106.615	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.38	75	581	12.884	ug/l #	1

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
Data File : VY000767.D
Acq On : 21 Nov 2019 14:58
Operator : SY/MD
Sample : K5957-03RE
Misc : 4.18G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 22 03:13:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

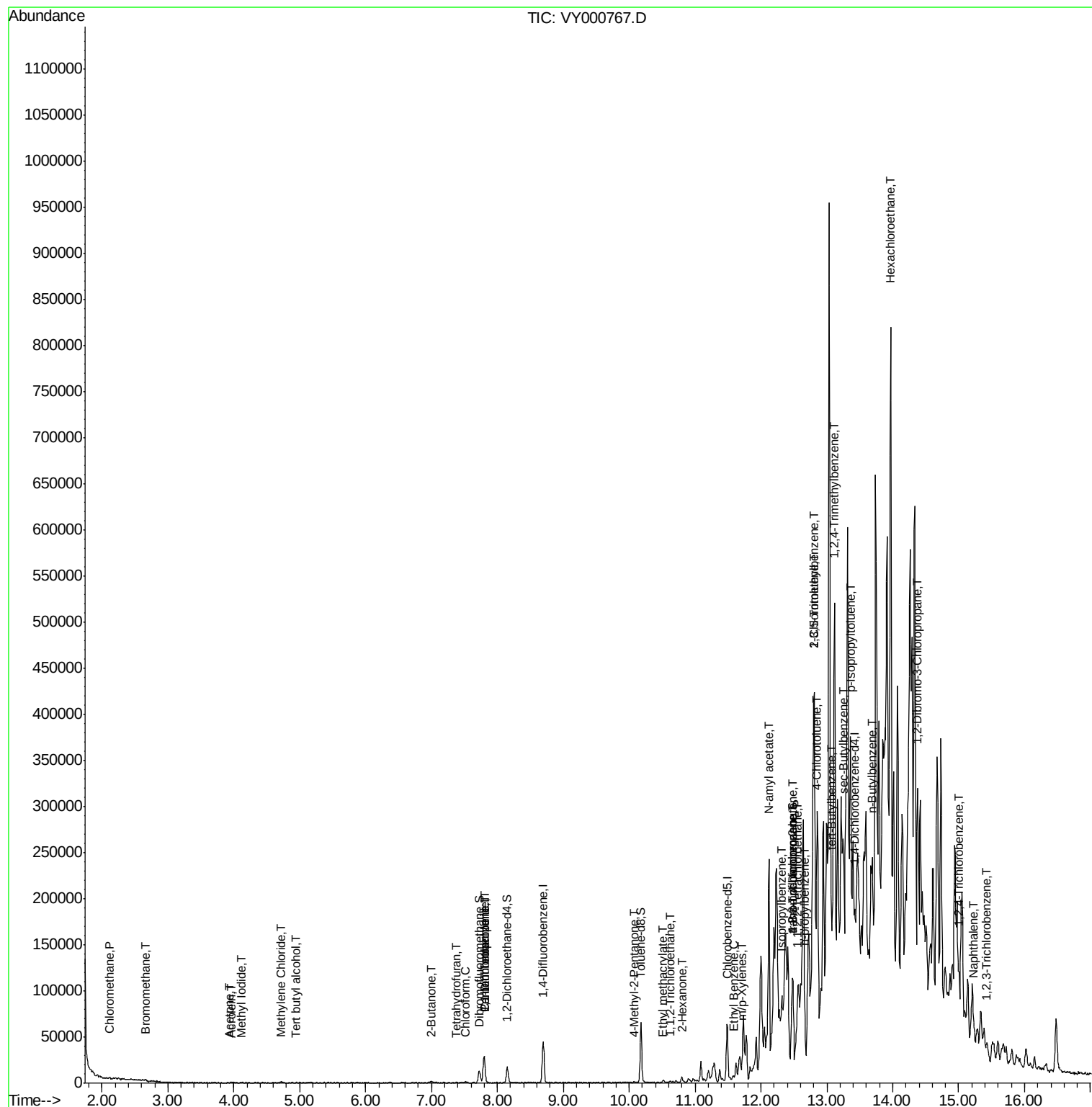
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	814	2.305	ug/l #	1
95) Naphthalene	15.23	128	11060	14.109	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.42	180	810	2.557	ug/l #	1

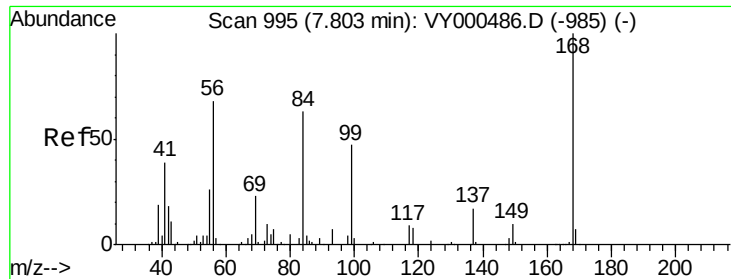
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
Data File : VY000767.D
Acq On : 21 Nov 2019 14:58
Operator : SY/MD
Sample : K5957-03RE
Misc : 4.18G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 22 03:13:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

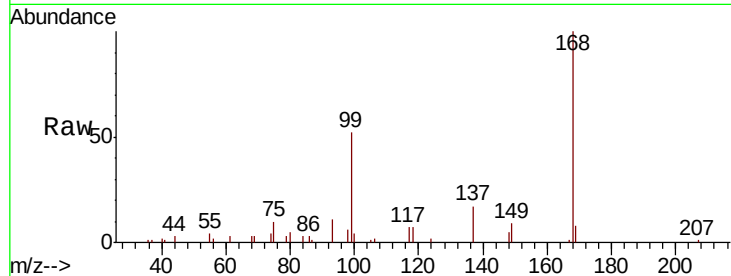
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 22117

Ion Ratio Lower Upper

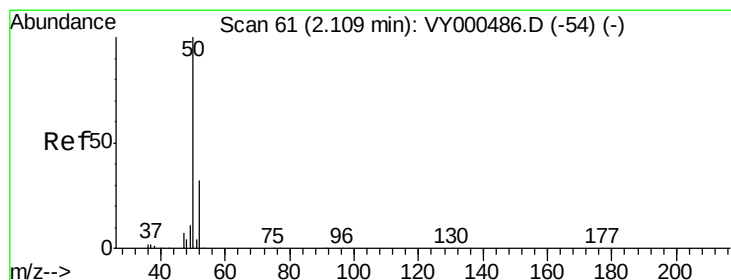
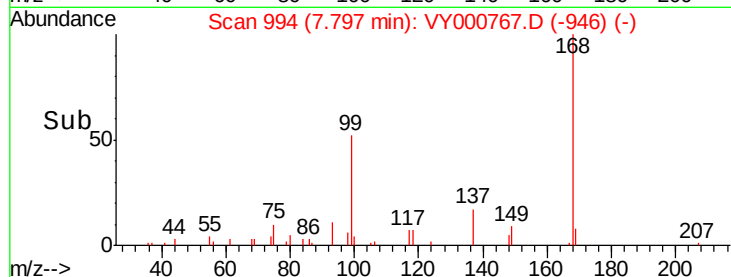
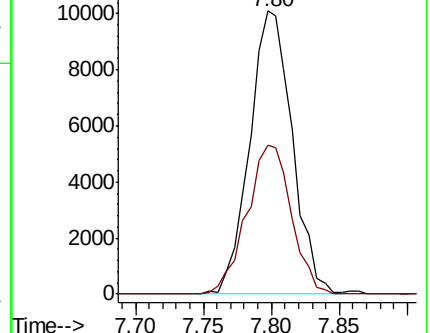
168 100

99 52.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)



#3

Chloromethane

Concen: 2.127 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000767.D

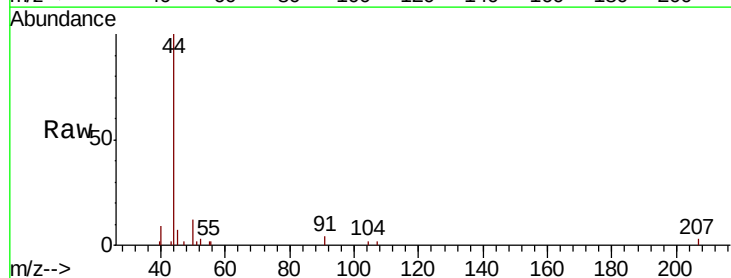
Acq: 21 Nov 2019 14:58

Tgt Ion: 50 Resp: 638

Ion Ratio Lower Upper

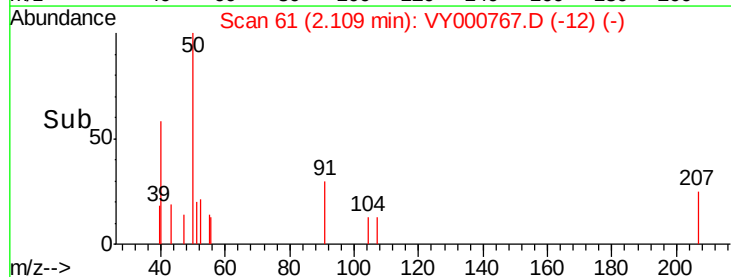
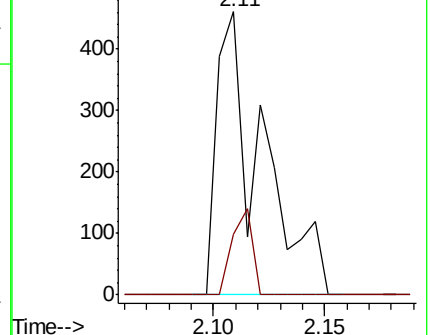
50 100

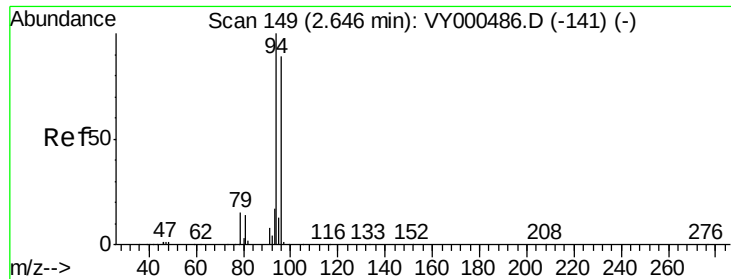
52 21.5 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VY000486.D (-54) (-)

Ion 51.90 (51.60 to 52.60): VY000486.D (-54) (-)





#5

Bromomethane

Concen: 1.371 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

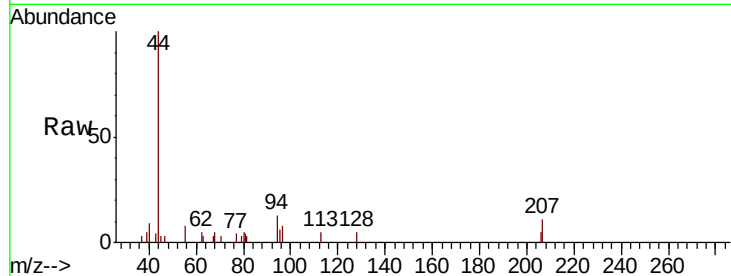
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 229

Ion Ratio Lower Upper

94 100

96 105.1 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

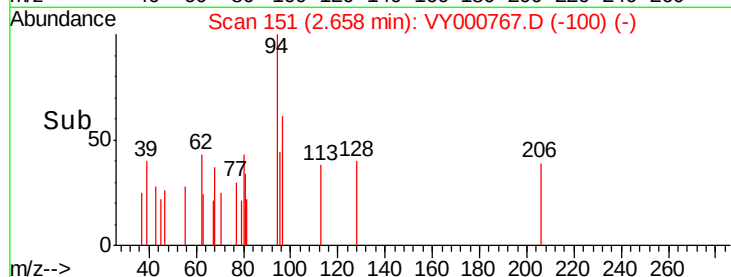
2.66

2.66

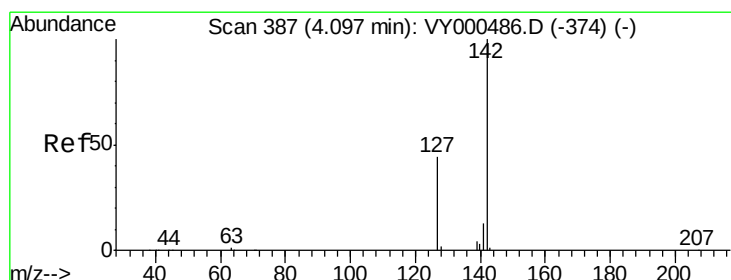
2.66

2.66

2.66



Time-->



#10

Methyl Iodide

Concen: 3.503 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.02 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

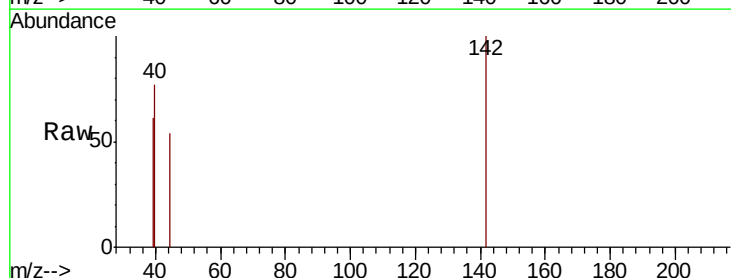
Tgt Ion:142 Resp: 97

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

141 0.0 10.9 16.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

4.11

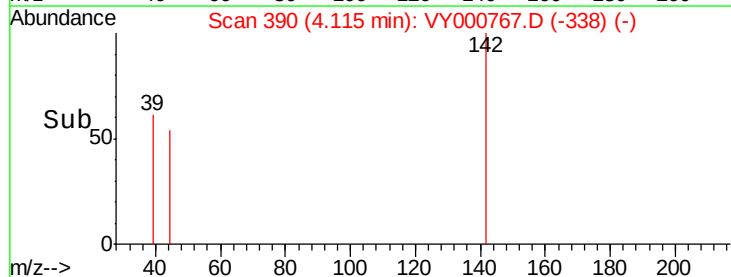
4.11

4.11

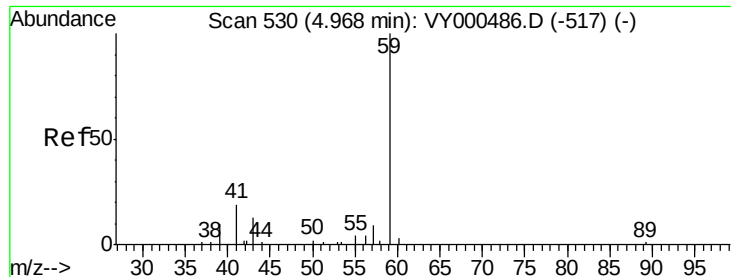
4.11

4.11

4.11



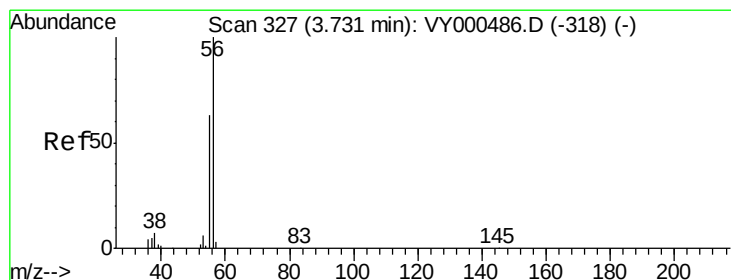
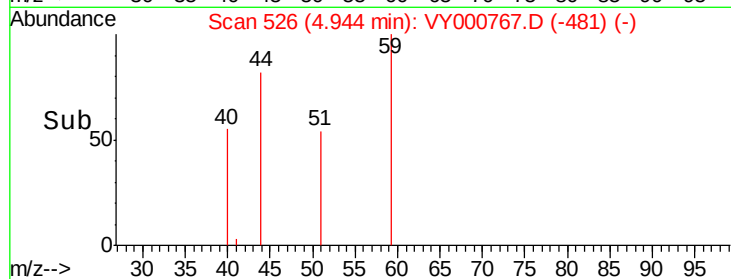
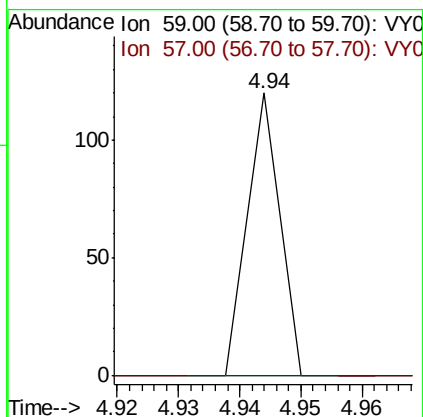
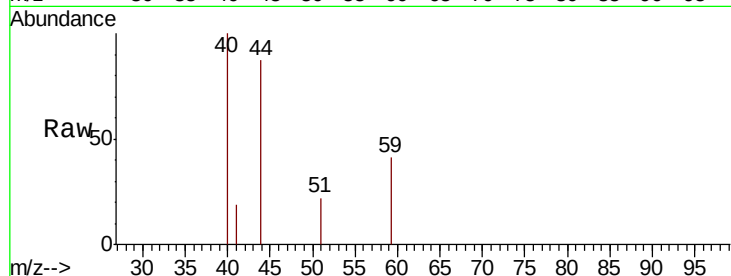
Time-->



#11
Tert butyl alcohol
Concen: 1.975 ug/l
RT: 4.94 min Scan# 526
Delta R.T. -0.02 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

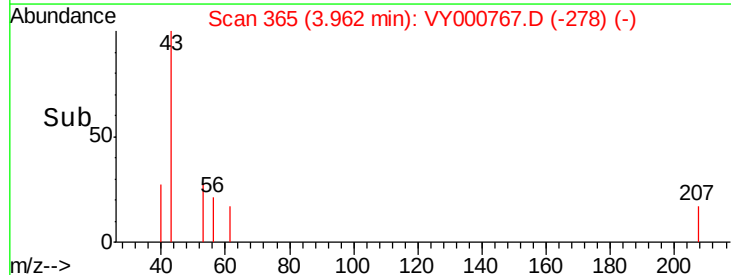
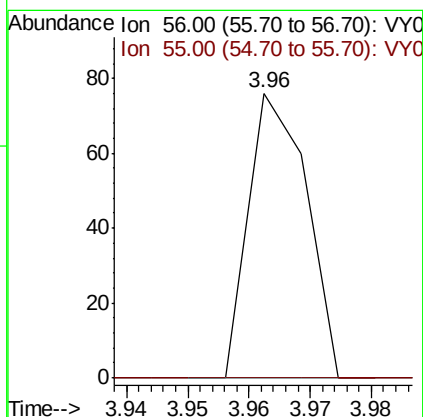
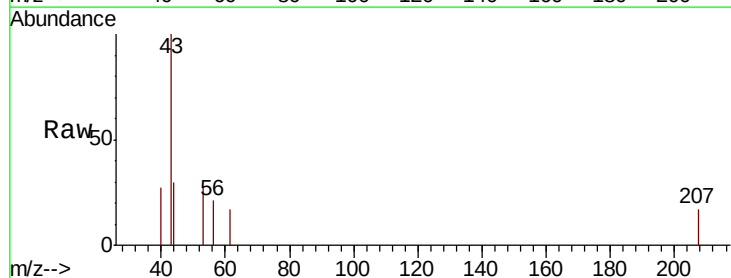
Instrument :
MSVOA_Y
ClientSampled :

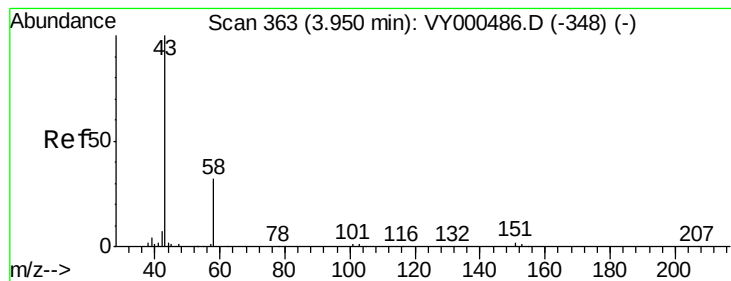
Tot Ion: 59 Resp: 44
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 2.576 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.23 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.6#





#16

Acetone

Concen: 2.838 ug/l

RT: 3.93 min Scan# 360

Delta R.T. -0.02 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

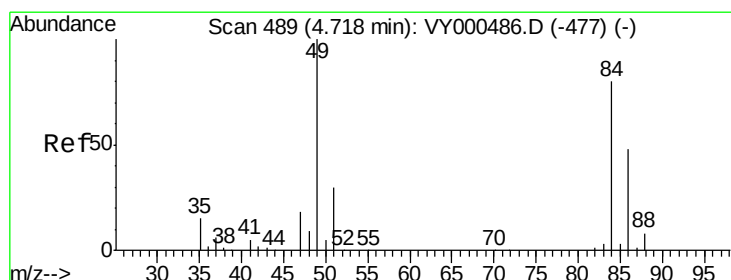
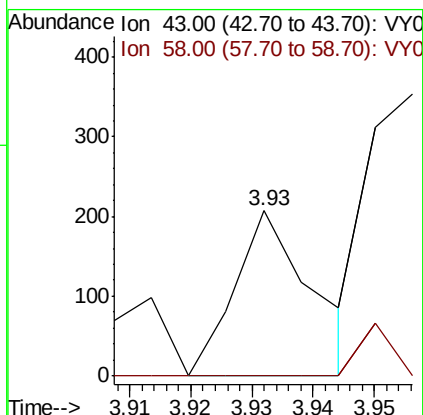
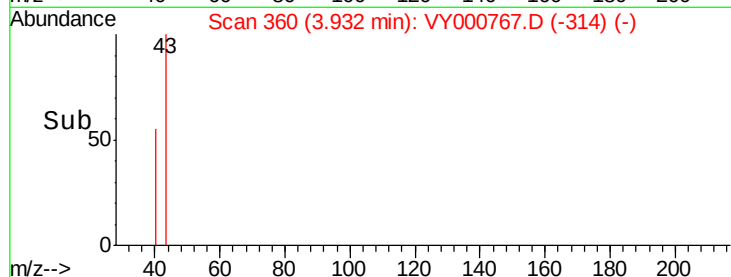
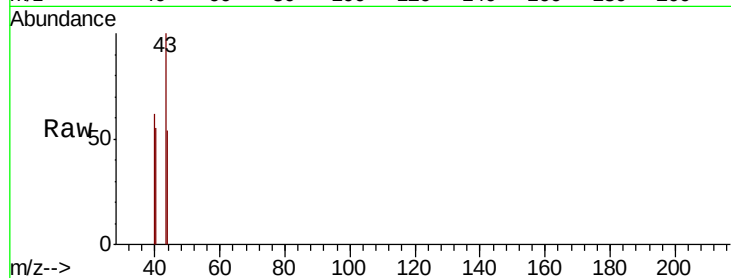
ClientSampleId :

Tot Ion: 43 Resp: 179

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



#20

Methylene Chloride

Concen: 1.953 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Tgt Ion: 84 Resp: 528

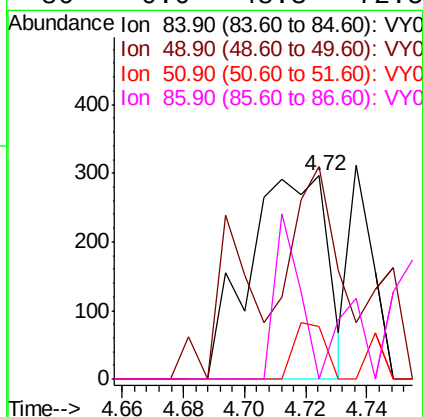
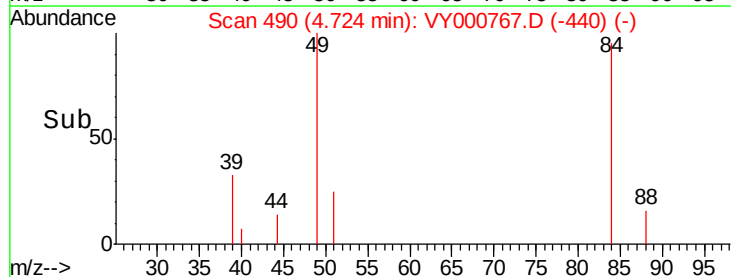
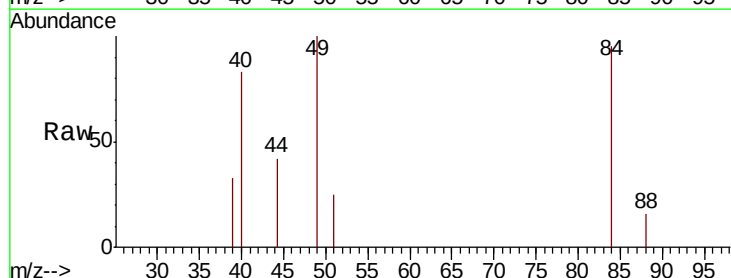
Ion Ratio Lower Upper

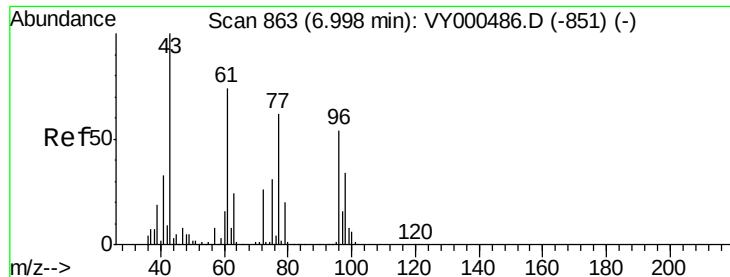
84 100

49 83.8 100.2 150.4#

51 26.0 29.6 44.4#

86 0.0 48.3 72.5#

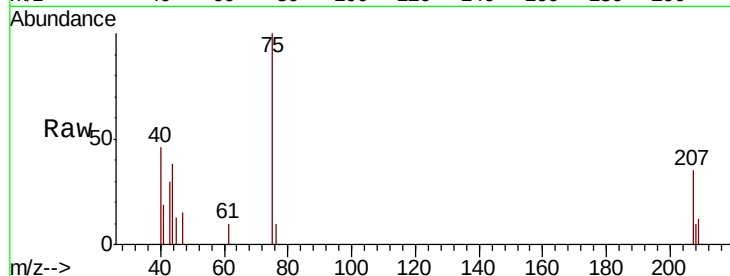




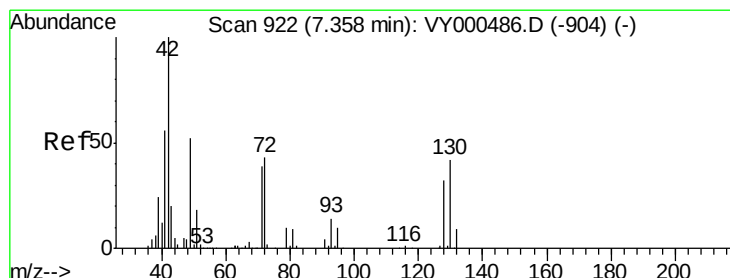
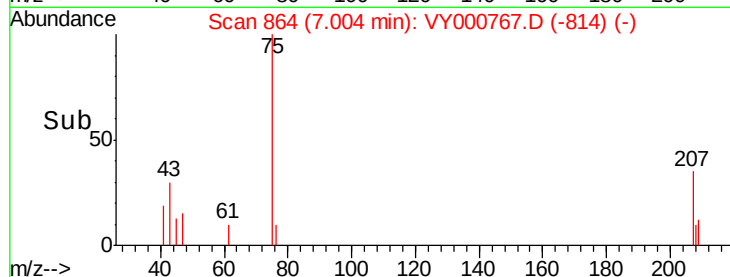
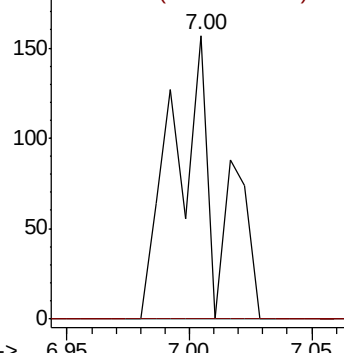
#25
2-Butanone
Concen: 2.056 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#

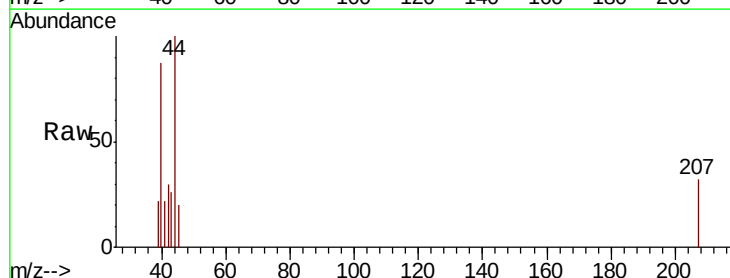


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

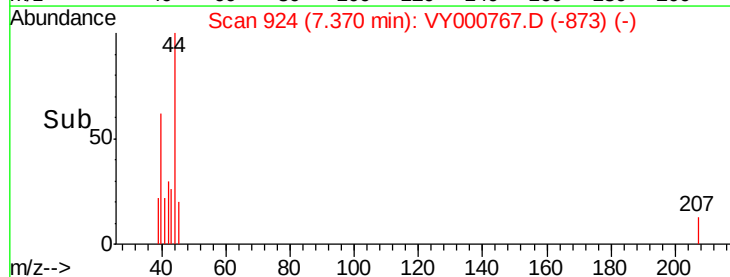
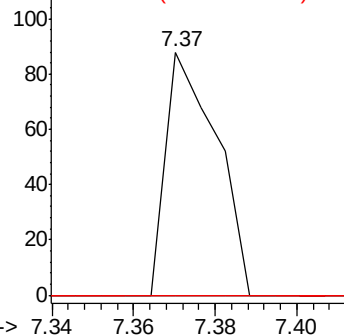


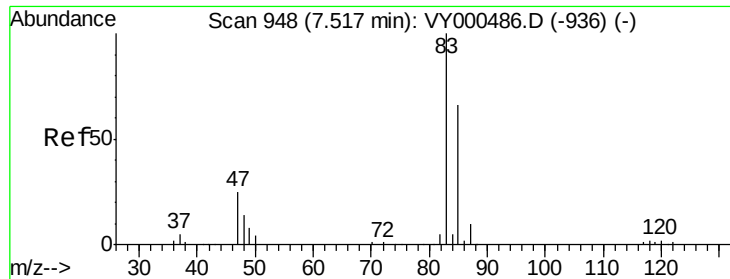
#29
Tetrahydrofuran
Concen: 1.234 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Tgt Ion: 42 Resp: 76
Ion Ratio Lower Upper
42 100
72 0.0 34.0 51.0#
71 0.0 30.8 46.2#



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

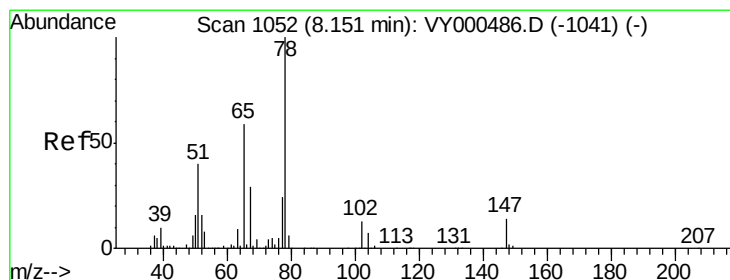
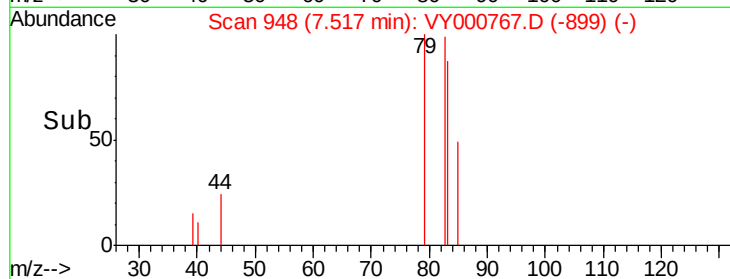
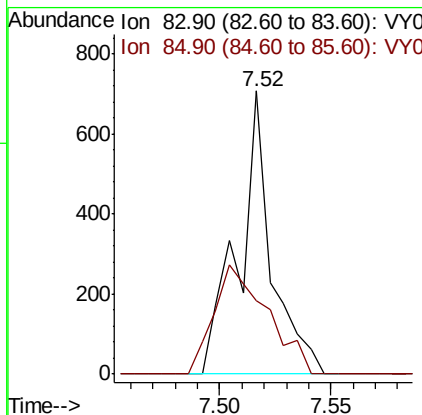
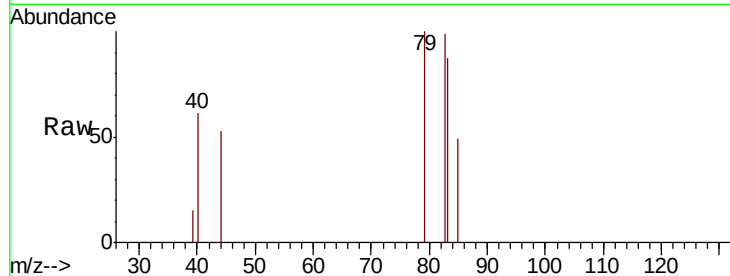




#30
Chloroform
Concen: 1.694 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

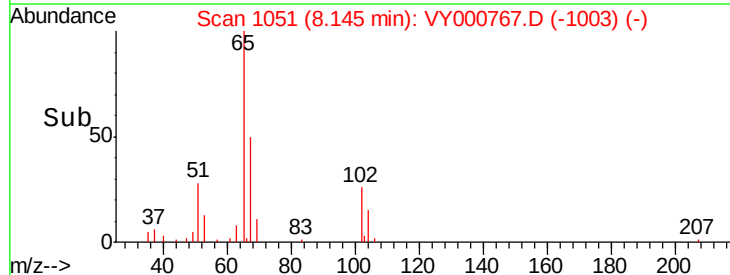
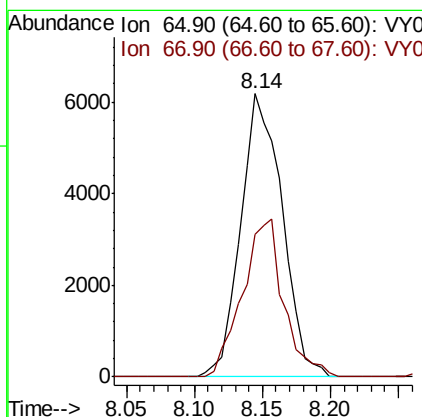
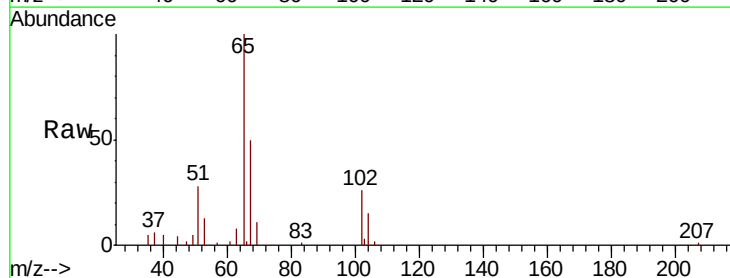
Instrument :
MSVOA_Y
ClientSampleId :

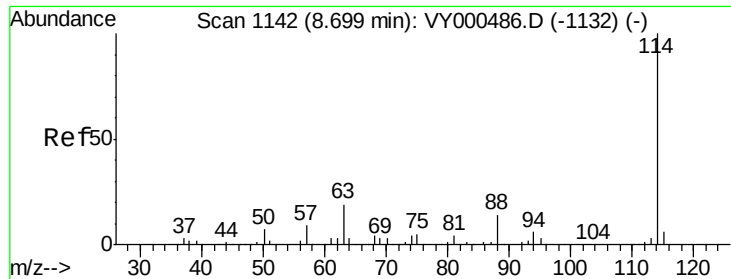
Tot Ion: 83 Resp: 725
Ion Ratio Lower Upper
83 100
85 26.2 53.0 79.4#



#33
1,2-Dichloroethane-d4
Concen: 57.479 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Tgt Ion: 65 Resp: 13156
Ion Ratio Lower Upper
65 100
67 55.9 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

ClientSampled :

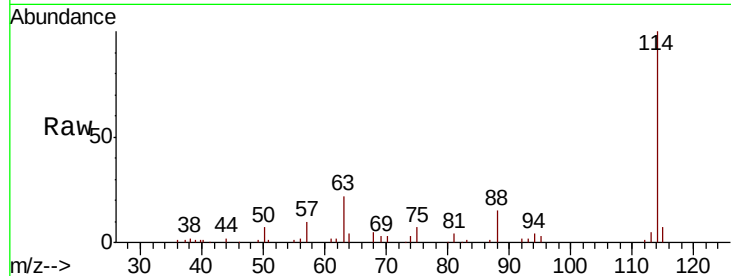
Tot Ion:114 Resp: 37958

Ion Ratio Lower Upper

114 100

63 21.5 0.0 38.0

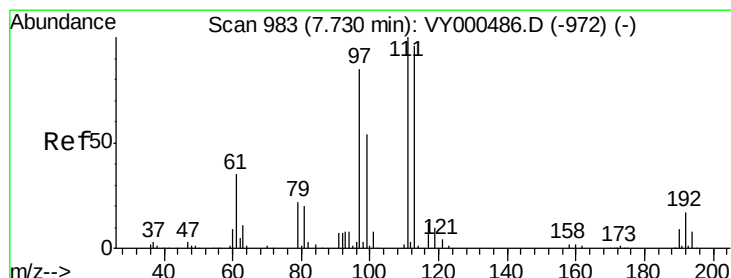
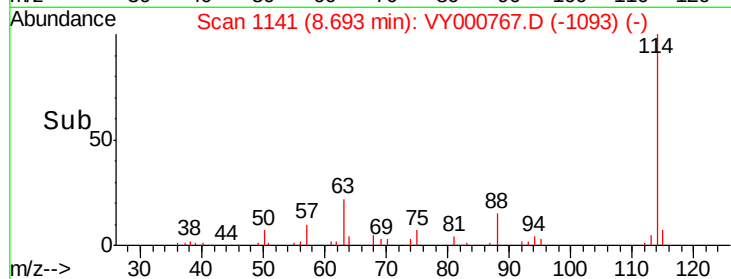
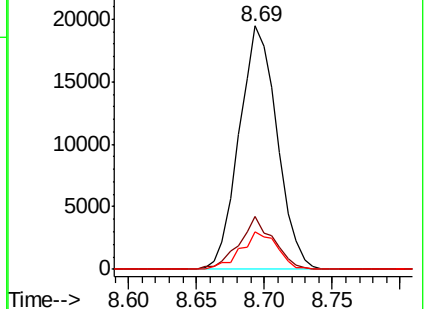
88 15.2 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 42.609 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.01 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

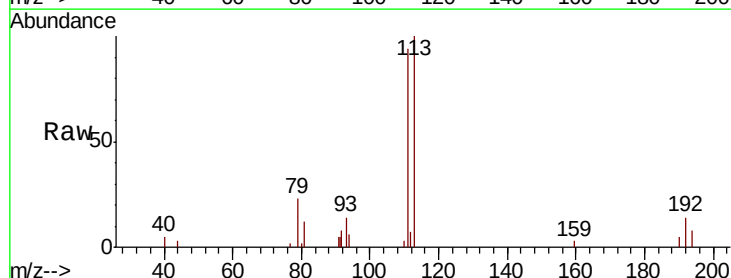
Tgt Ion:113 Resp: 9495

Ion Ratio Lower Upper

113 100

111 97.2 81.7 122.5

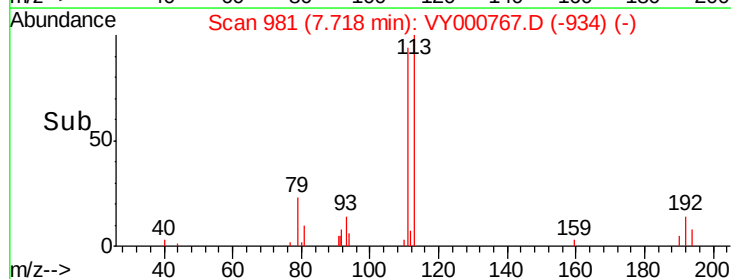
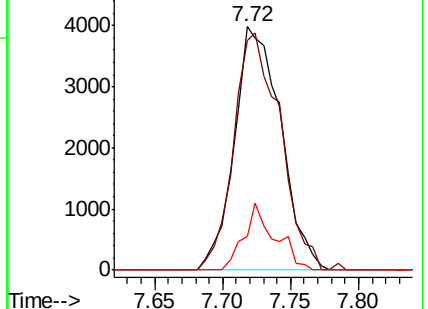
192 18.1 15.0 22.4

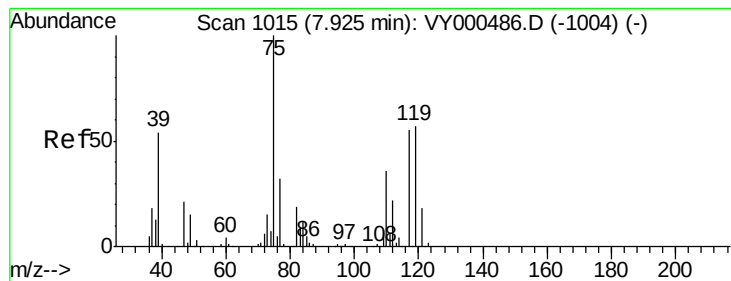


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

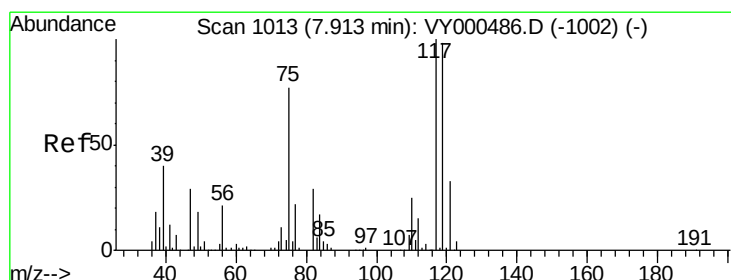
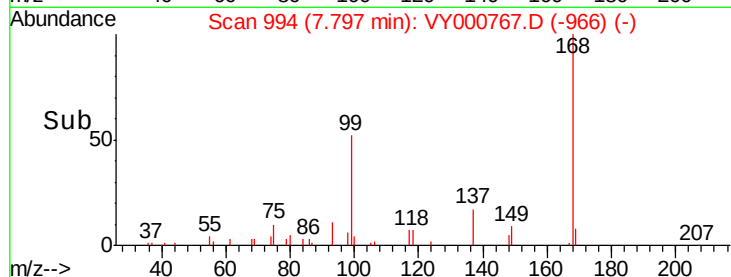
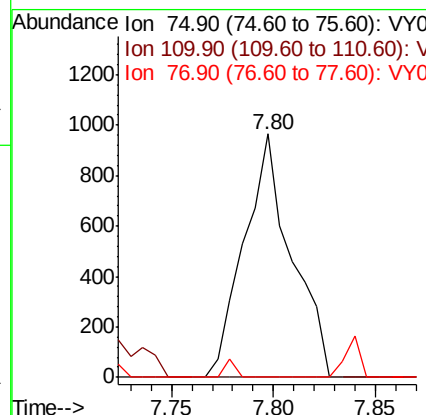
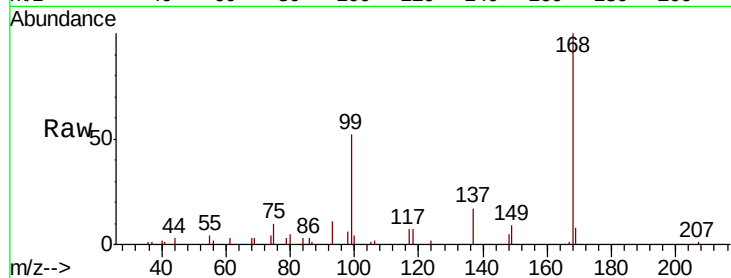




#36
 1,1-Dichloropropene
 Concen: 4.342 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

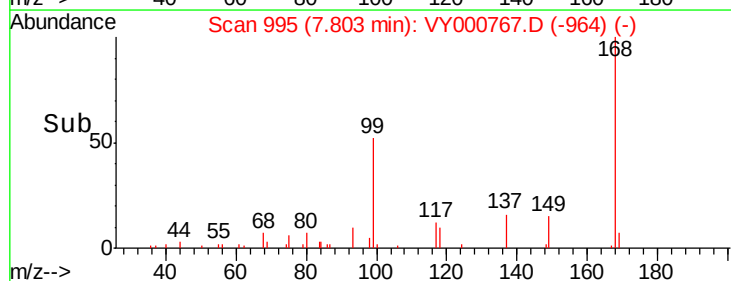
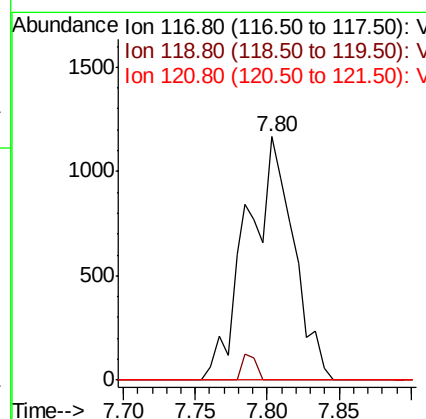
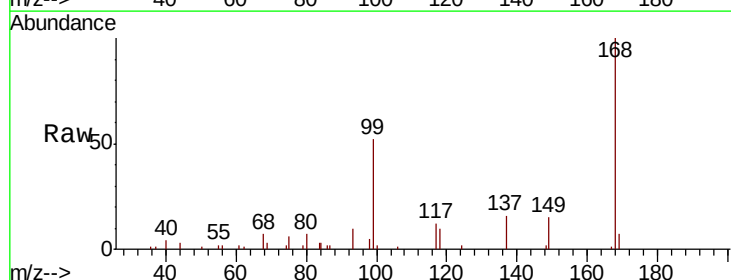
Instrument :
 MSVOA_Y
 ClientSampleId :

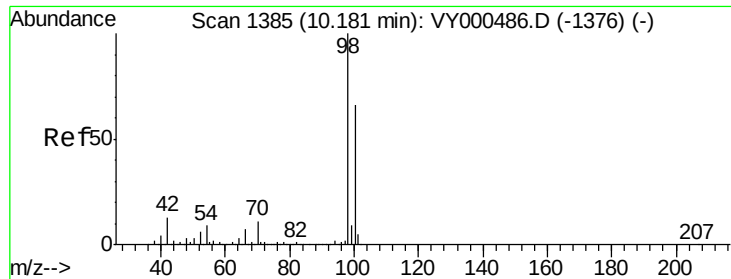
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	1.7	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 7.646 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.0	117.0#
121	0.0	26.6	40.0#

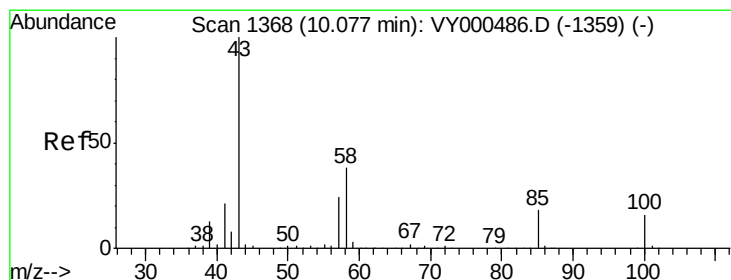
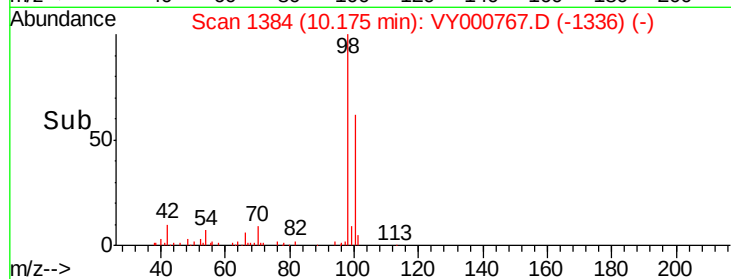
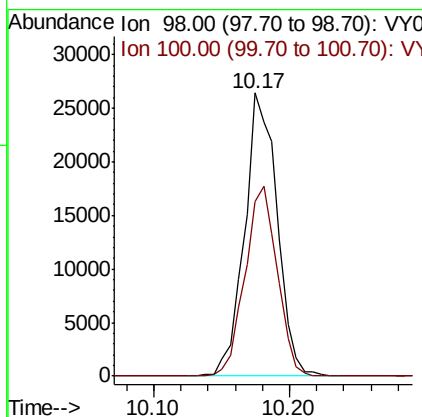
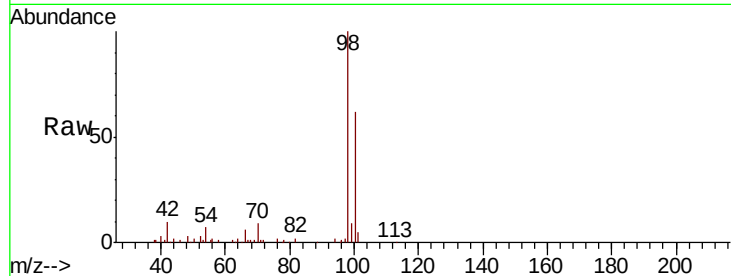




#50
Toluene-d8
Concen: 52.397 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

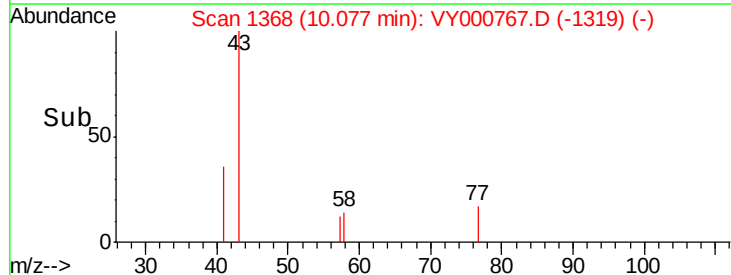
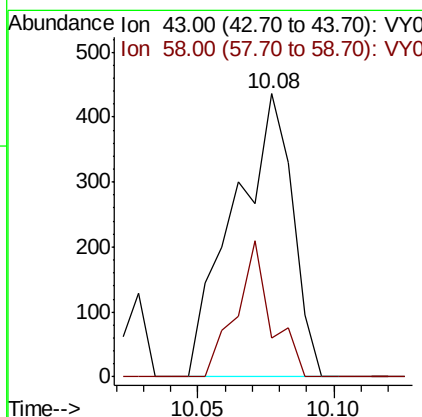
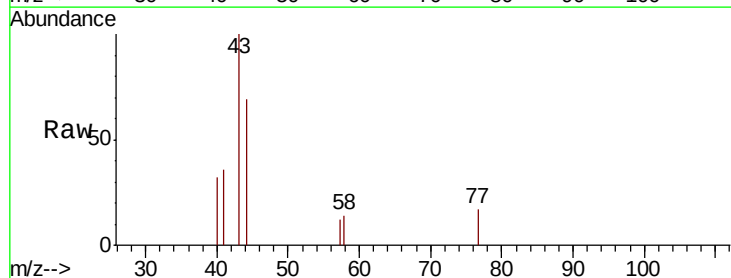
Instrument :
MSVOA_Y
ClientSampled :

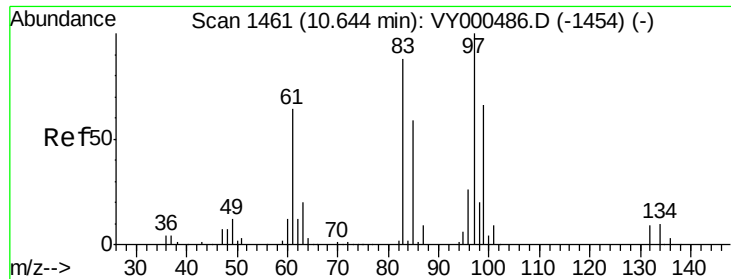
Tot Ion: 98 Resp: 44304
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 3.045 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 28.7 30.2 45.4#

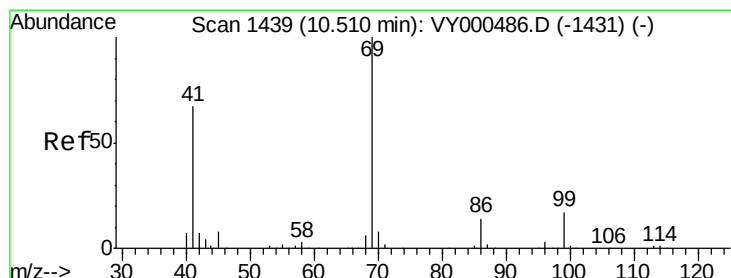
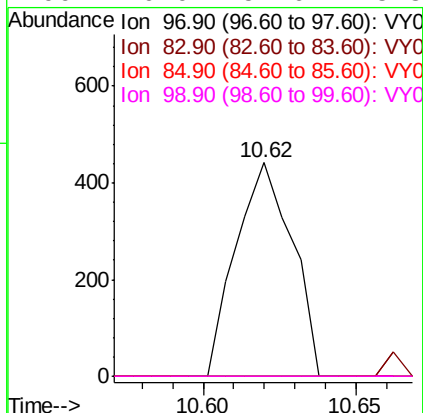
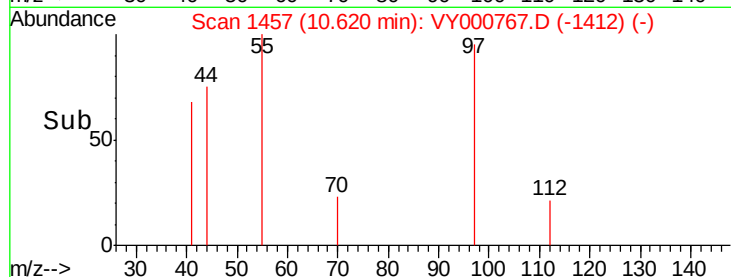
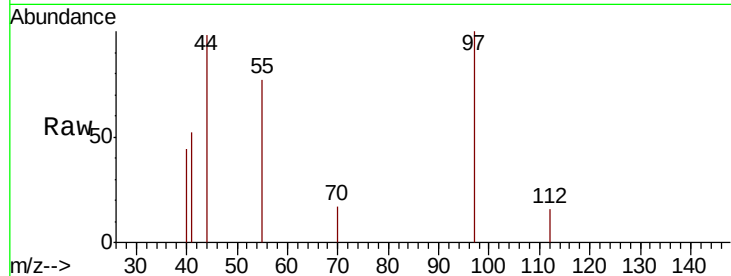




#55
 1,1,2-Trichloroethane
 Concen: 2.729 ug/l
 RT: 10.62 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

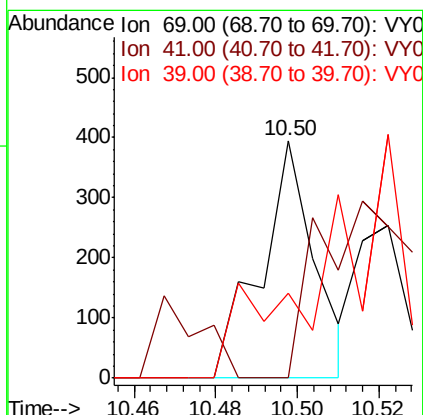
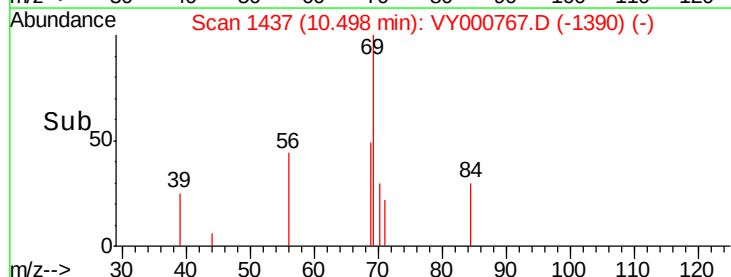
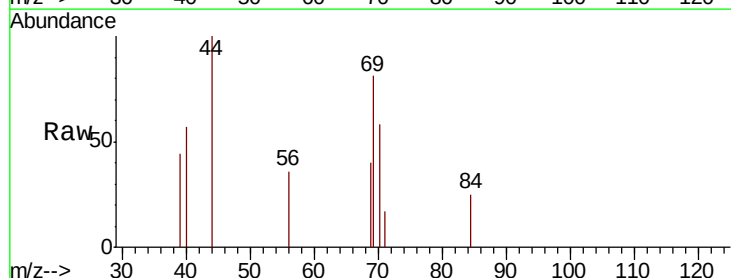
Instrument :
 MSVOA_Y
 ClientSampleId :

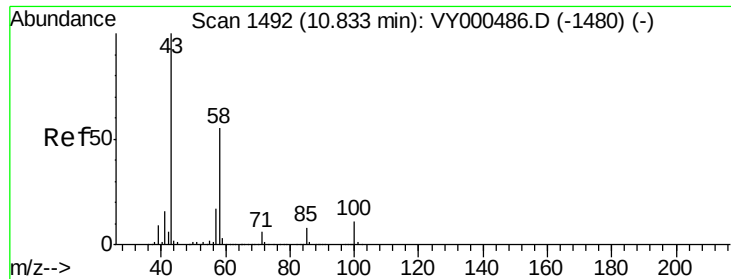
Tot Ion: 97 Resp: 562
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.2 105.4#
 85 0.0 46.9 70.3#
 99 0.0 52.6 78.8#



#56
 Ethyl methacrylate
 Concen: 1.247 ug/l
 RT: 10.50 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

Tgt Ion: 69 Resp: 364
 Ion Ratio Lower Upper
 69 100
 41 0.0 53.3 79.9#
 39 0.0 28.0 42.0#





#59

2-Hexanone

Concen: 15.146 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.04 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

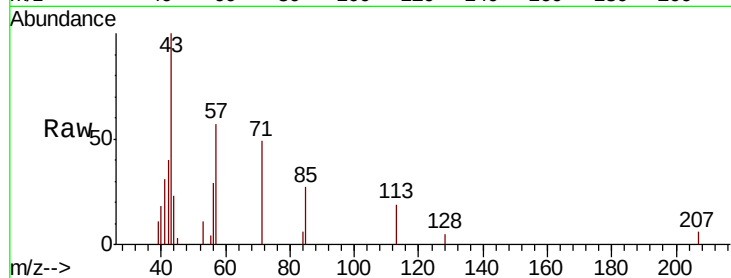
ClientSampleId :

Tot Ion: 43 Resp: 2348

Ion Ratio Lower Upper

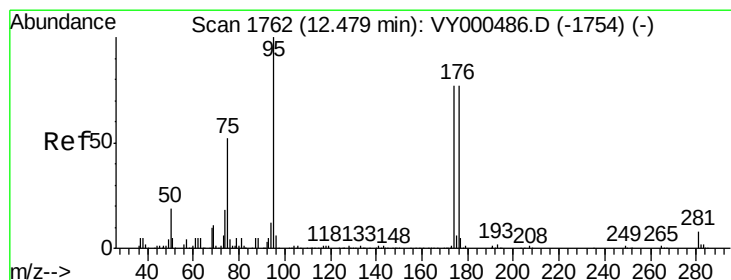
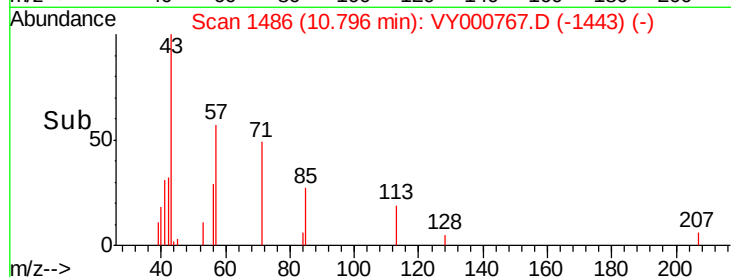
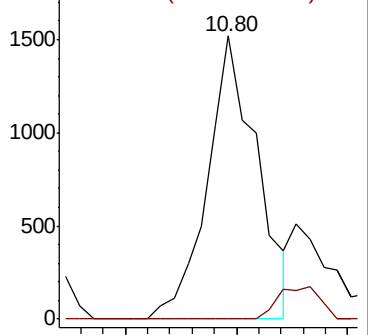
43 100

58 0.0 27.1 81.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 57.553 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

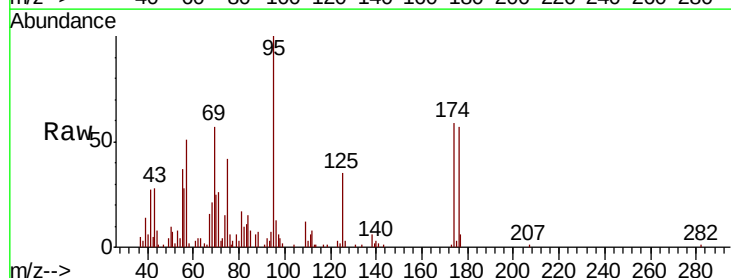
Tgt Ion: 95 Resp: 18526

Ion Ratio Lower Upper

95 100

174 63.2 0.0 161.6

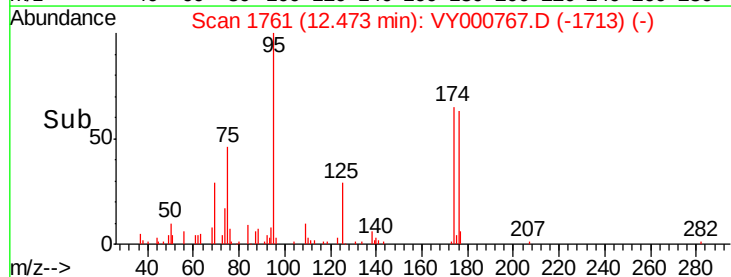
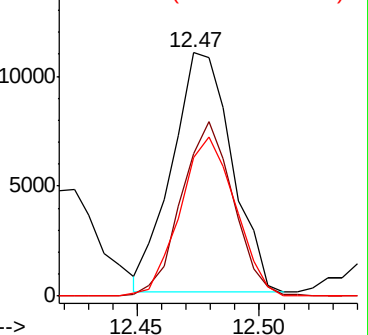
176 61.1 0.0 157.8

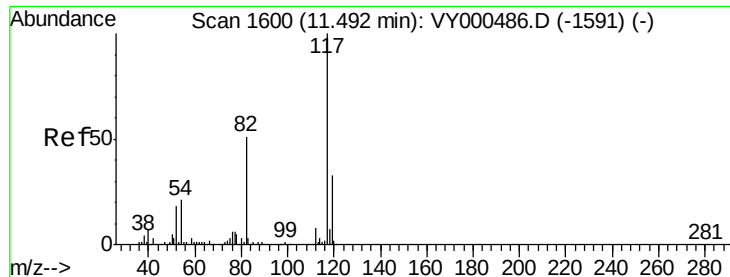


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

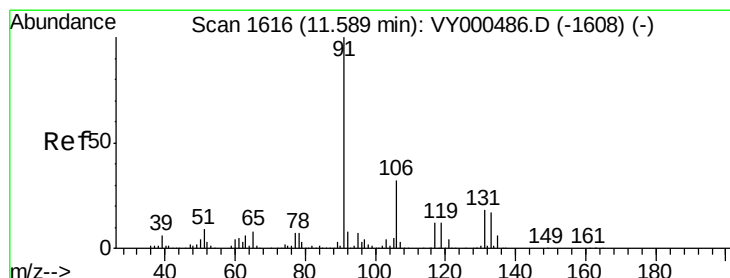
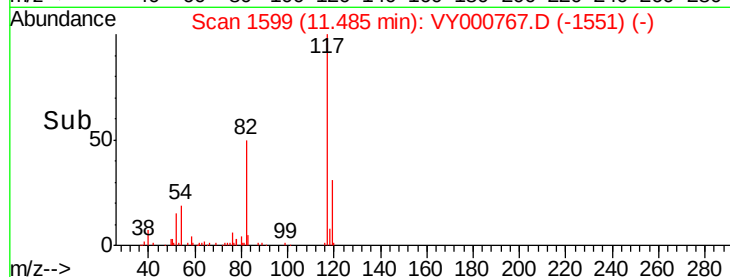
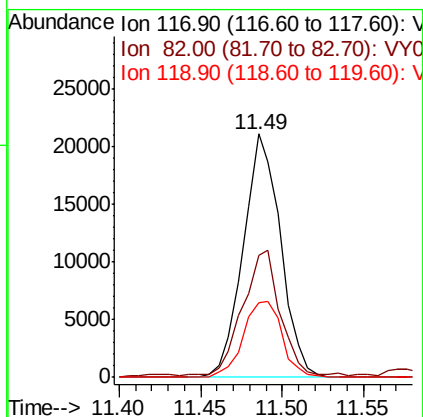
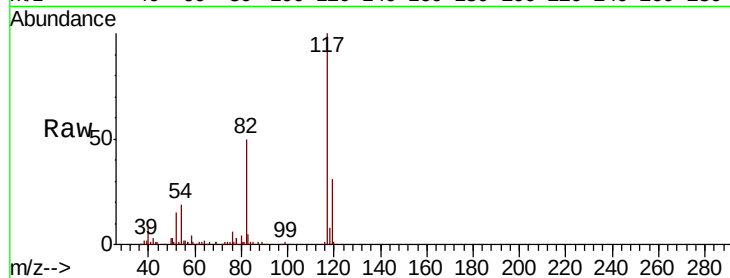




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

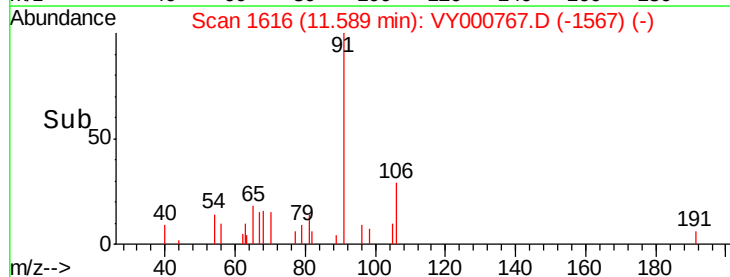
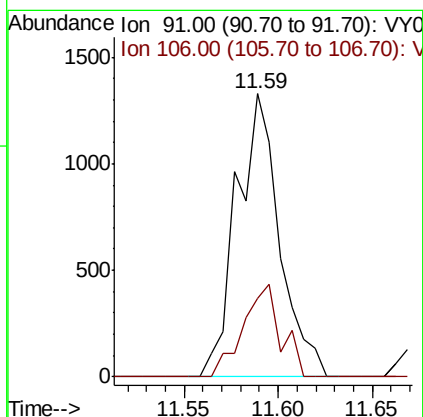
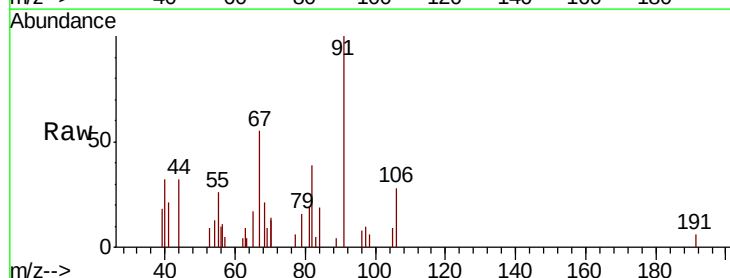
Instrument :
MSVOA_Y
ClientSampled :

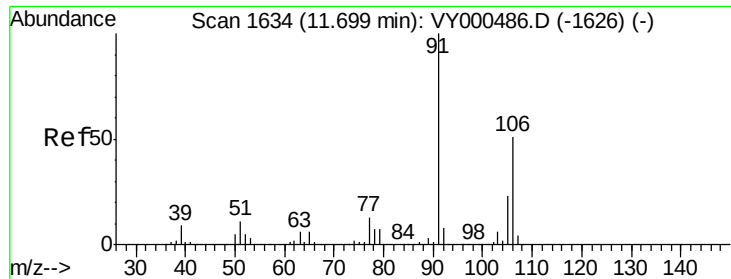
Tot Ion:117 Resp: 33568
Ion Ratio Lower Upper
117 100
82 49.1 40.8 61.2
119 30.7 26.2 39.2



#67
Ethyl Benzene
Concen: 1.673 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Tgt Ion: 91 Resp: 2096
Ion Ratio Lower Upper
91 100
106 27.6 25.4 38.0

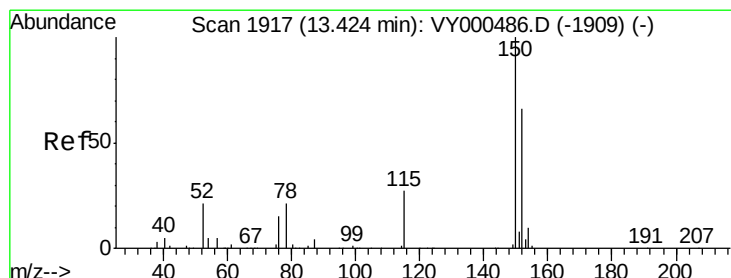
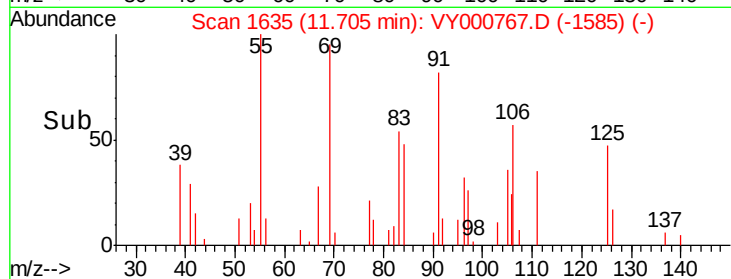
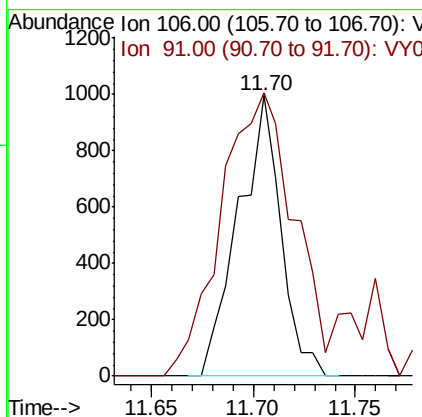
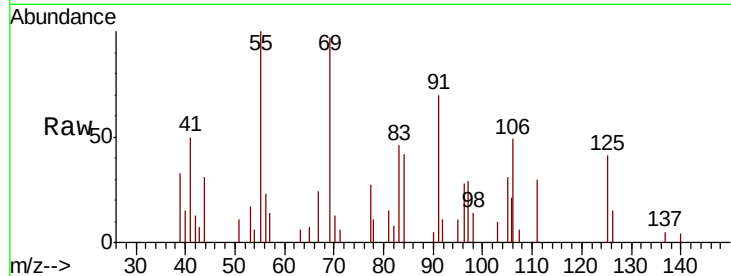




#68
m/p-Xvlenes
Concen: 2.968 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

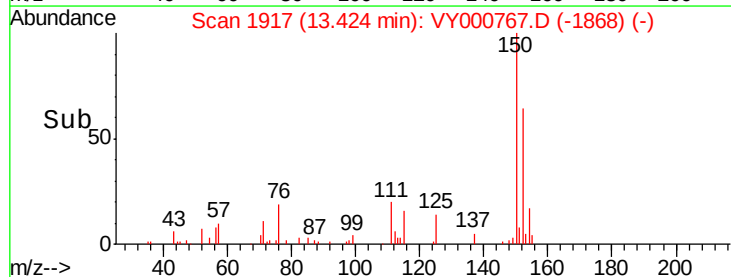
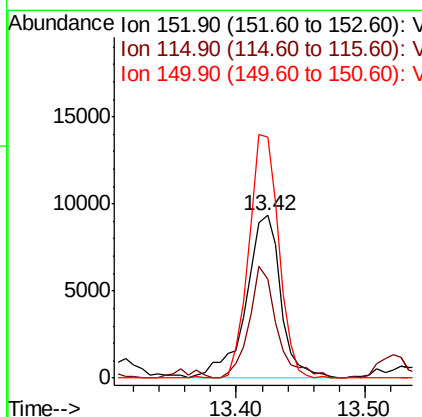
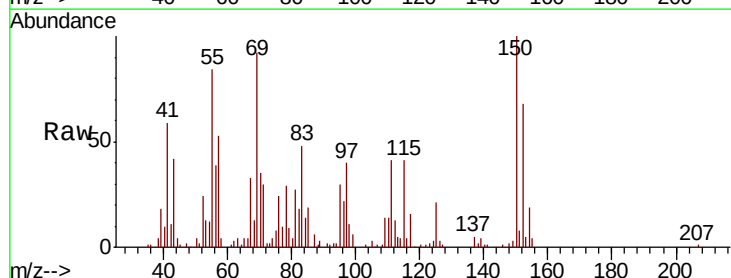
Instrument :
MSVOA_Y
ClientSampled :

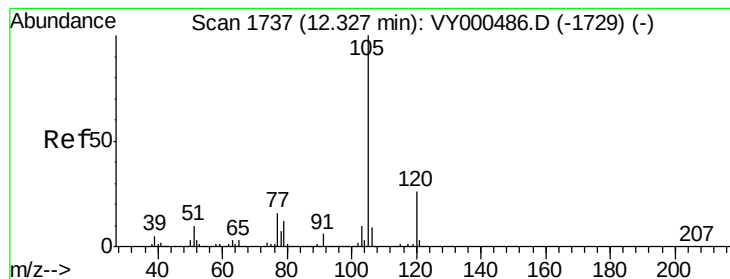
Tot Ion:106 Resp: 1439
Ion Ratio Lower Upper
106 100
91 178.9 155.9 233.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Tgt Ion:152 Resp: 17412
Ion Ratio Lower Upper
152 100
115 54.7 29.1 87.4
150 127.2 0.0 348.8





#73

Isopropylbenzene

Concen: 7.845 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

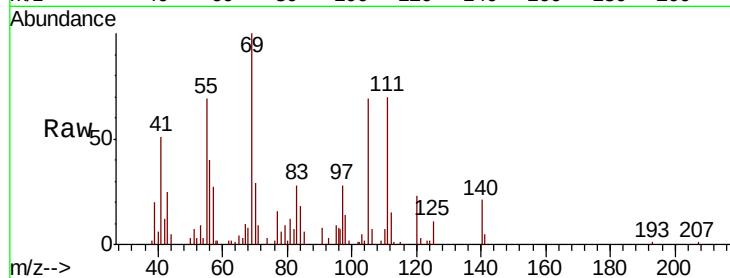
ClientSampleId :

Tot Ion:105 Resp: 10095

Ion Ratio Lower Upper

105 100

120 30.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

6000

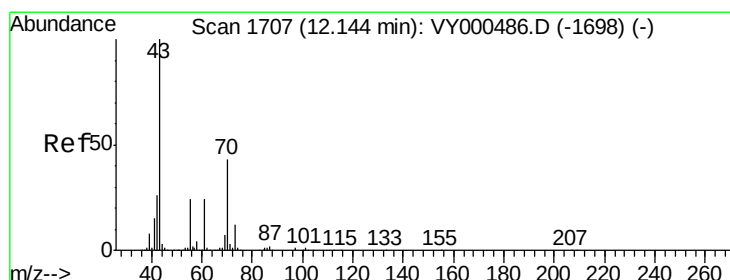
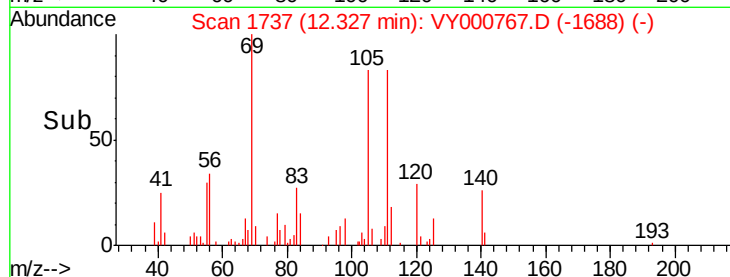
4000

2000

0

12.25 12.30 12.35 12.40

Time-->



#74

N-ethyl acetate

Concen: 113.129 ug/l

RT: 12.12 min Scan# 1703

Delta R.T. -0.02 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Tgt Ion: 43 Resp: 41695

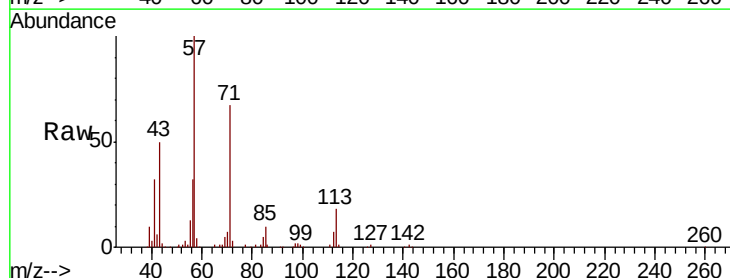
Ion Ratio Lower Upper

43 100

70 16.0 33.1 49.7#

55 17.1 18.0 27.0#

61 0.0 19.1 28.7#



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

40000

30000

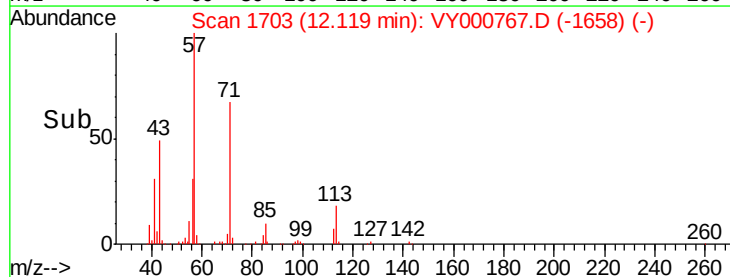
20000

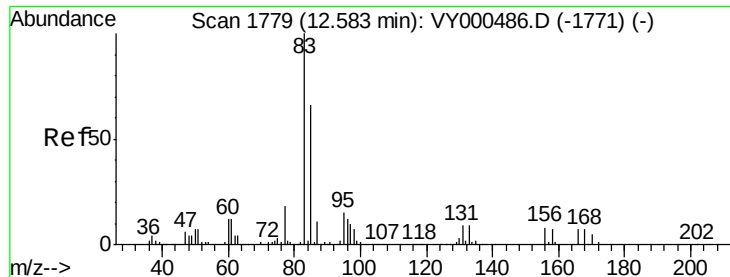
10000

0

12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 26.542 ug/l

RT: 12.55 min Scan# 1774

Delta R.T. -0.03 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

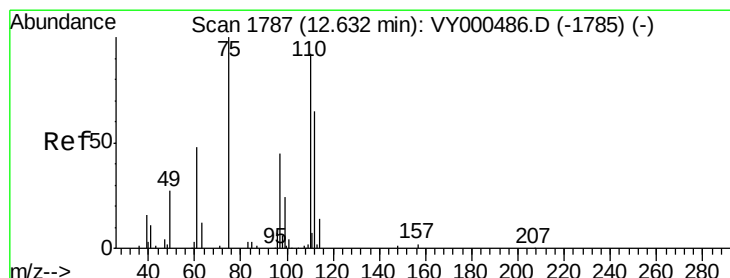
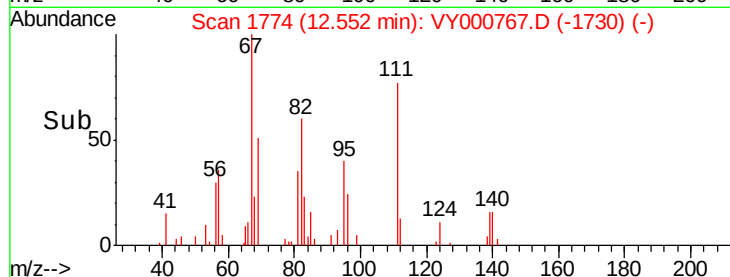
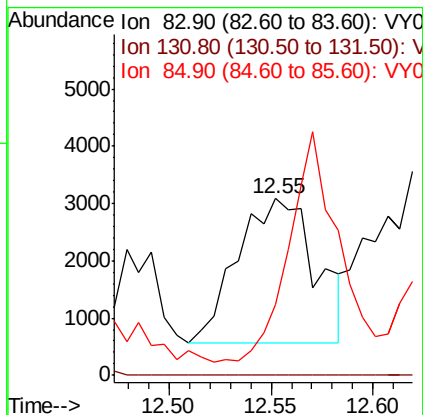
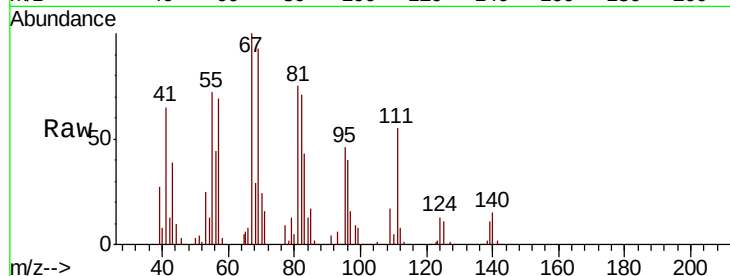
Tot Ion: 83 Resp: 6763

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 99.8 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 37.607 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000767.D

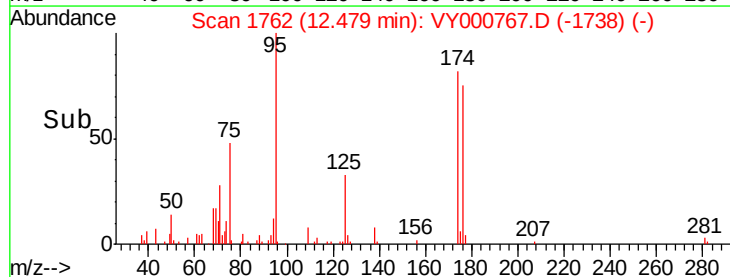
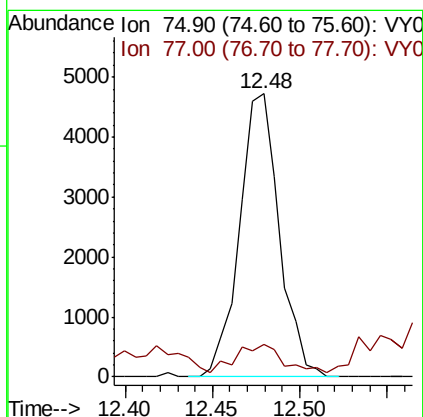
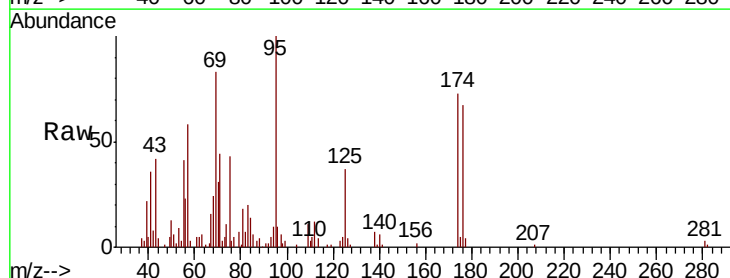
Acq: 21 Nov 2019 14:58

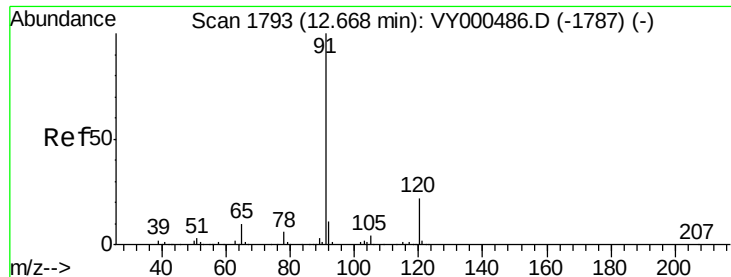
Tgt Ion: 75 Resp: 7456

Ion Ratio Lower Upper

75 100

77 11.6 0.0 0.0#





#78

n-propylbenzene

Concen: 13.695 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

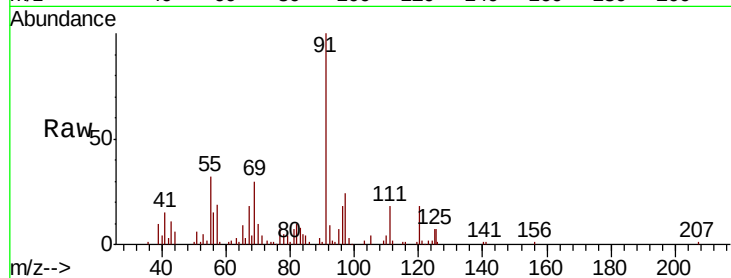
ClientSampleId :

Tot Ion: 91 Resp: 21264

Ion Ratio Lower Upper

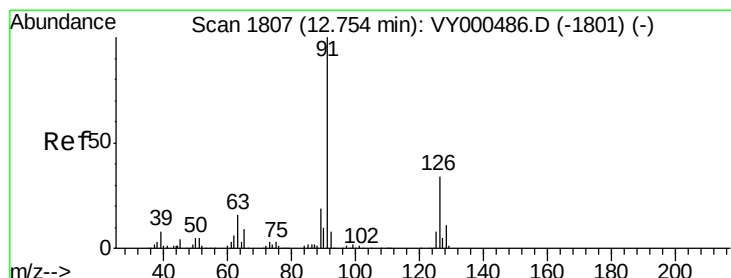
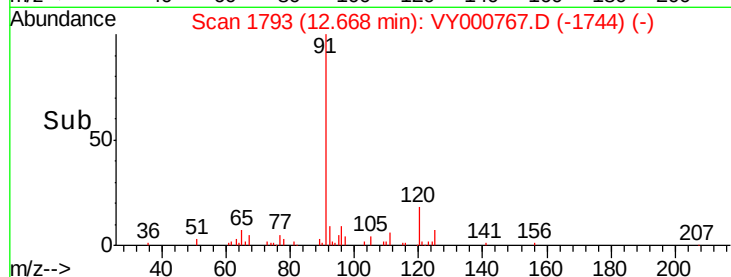
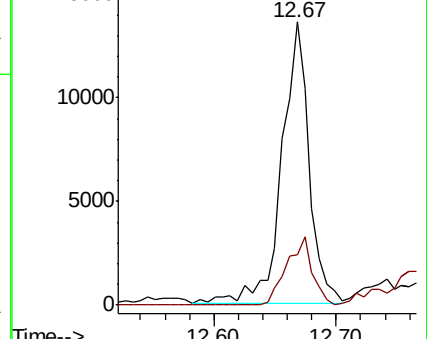
91 100

120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 3.096 ug/l

RT: 12.80 min Scan# 1815

Delta R.T. 0.05 min

Lab File: VY000767.D

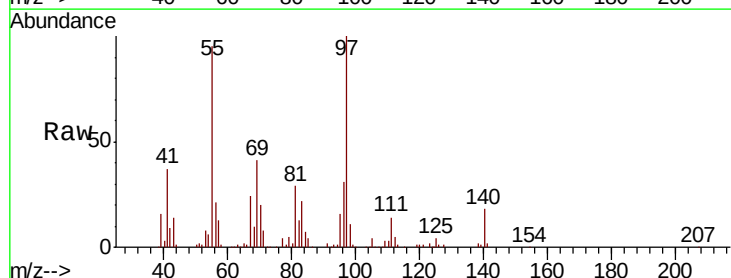
Acq: 21 Nov 2019 14:58

Tgt Ion: 91 Resp: 2669

Ion Ratio Lower Upper

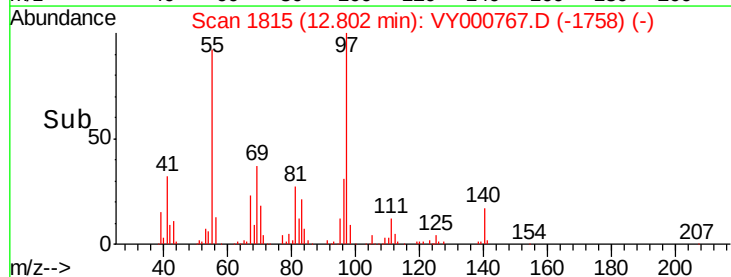
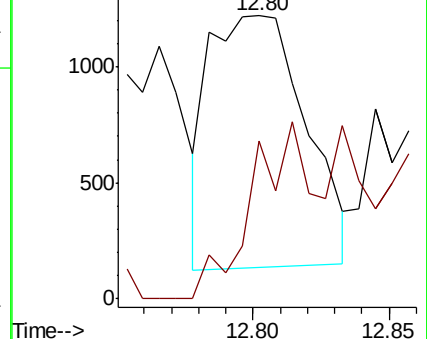
91 100

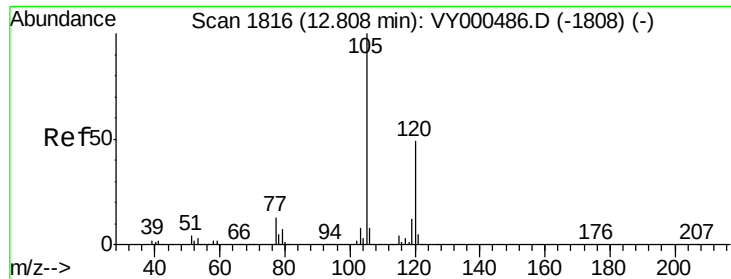
126 45.6 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

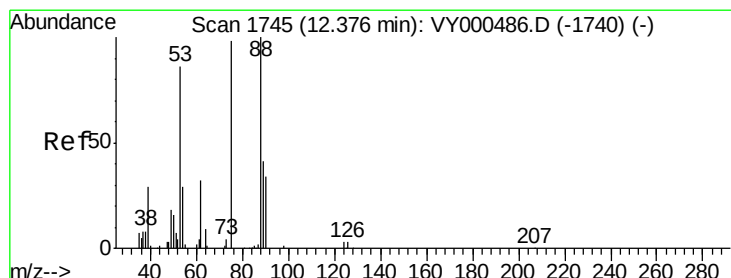
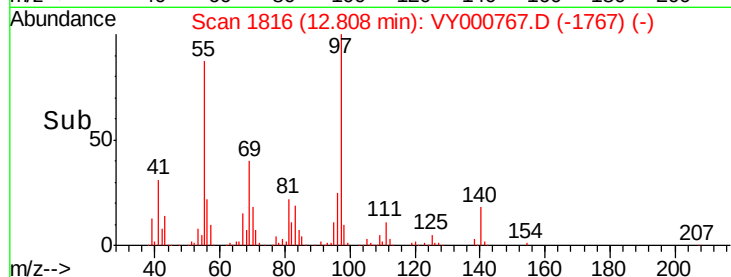
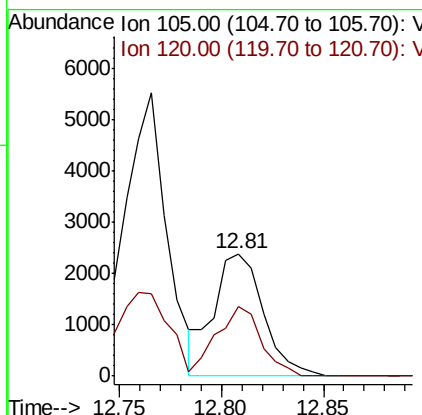
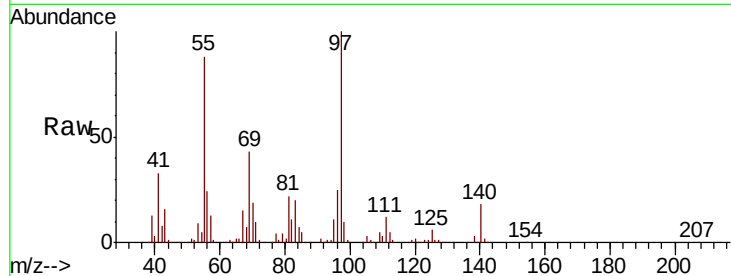




#80
 1,3,5-Trimethylbenzene
 Concen: 3.789 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

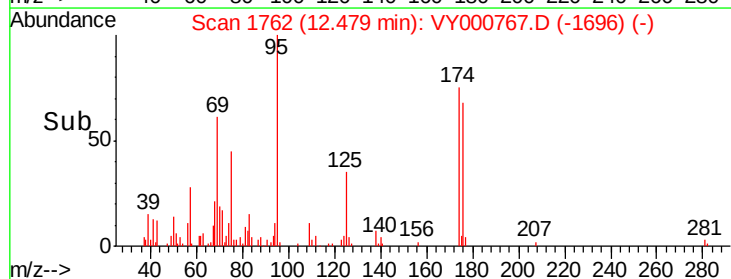
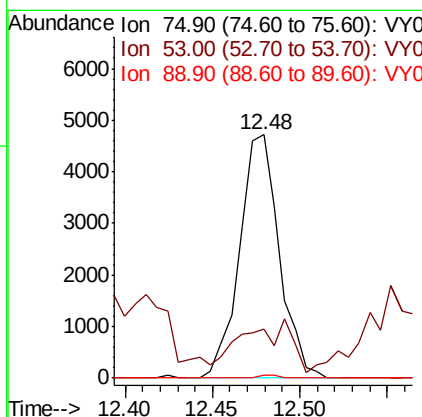
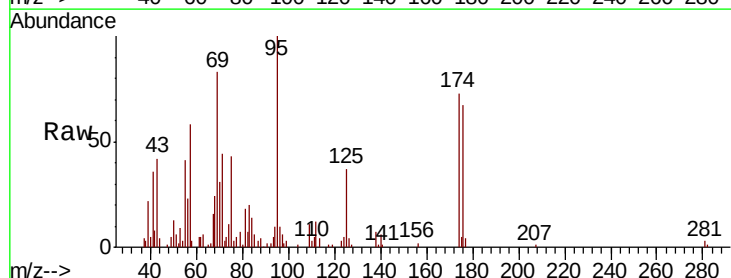
Instrument :
 MSVOA_Y
 ClientSampled :

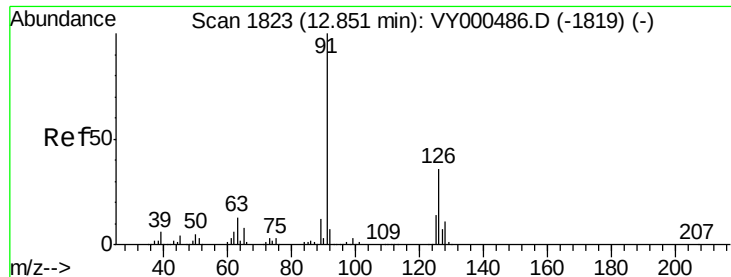
Tot Ion:105 Resp: 4061
 Ion Ratio Lower Upper
 105 100
 120 51.2 24.9 74.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.321 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

Tgt Ion: 75 Resp: 7456
 Ion Ratio Lower Upper
 75 100
 53 26.1 73.2 109.8#
 89 0.5 35.9 53.9#





#82

4-Chlorotoluene

Concen: 1.087 ug/l

RT: 12.84 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

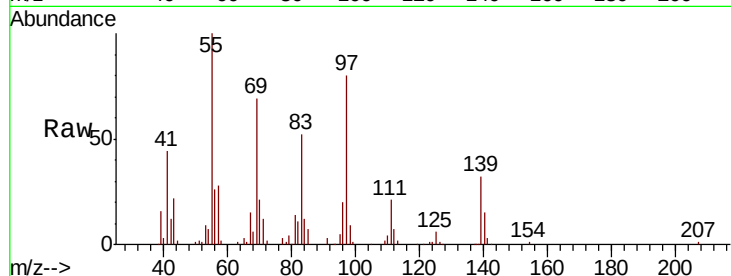
ClientSampled :

Tot Ion: 91 Resp: 971

Ion Ratio Lower Upper

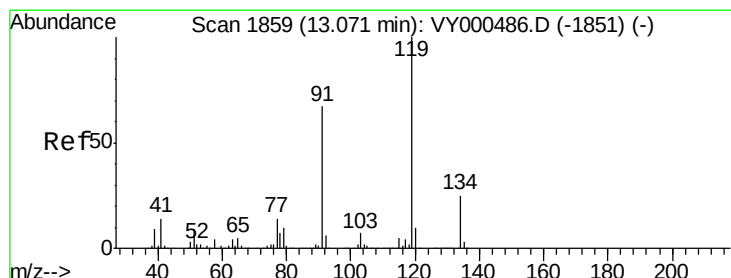
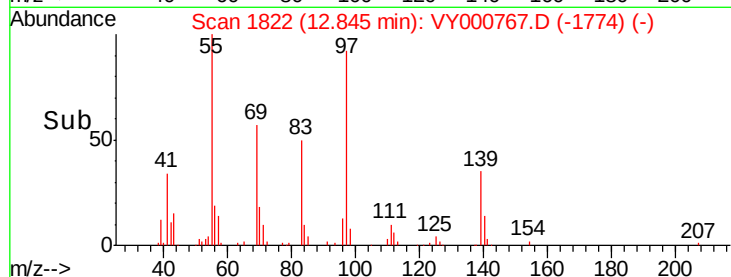
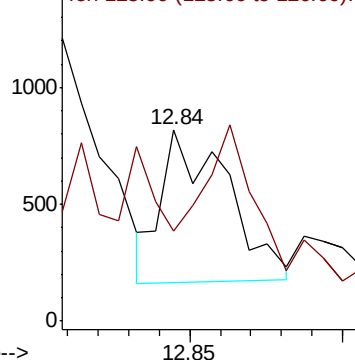
91 100

126 45.9 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 9.203 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

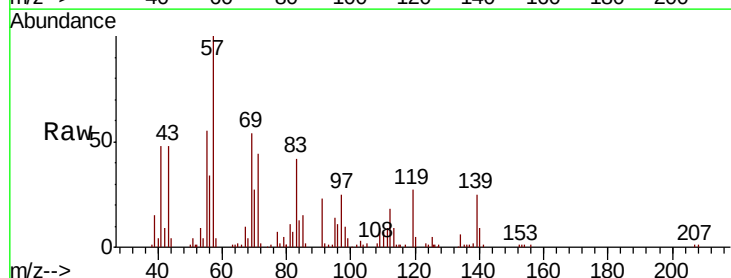
Tgt Ion: 119 Resp: 8422

Ion Ratio Lower Upper

119 100

91 66.6 32.1 96.3

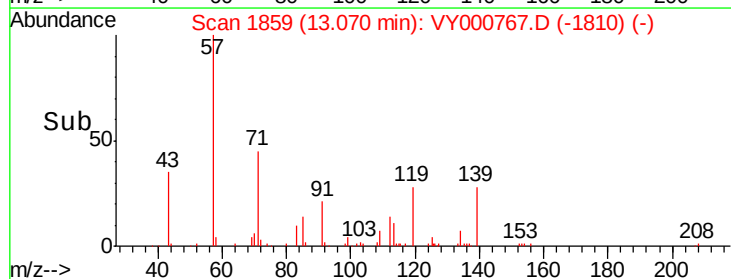
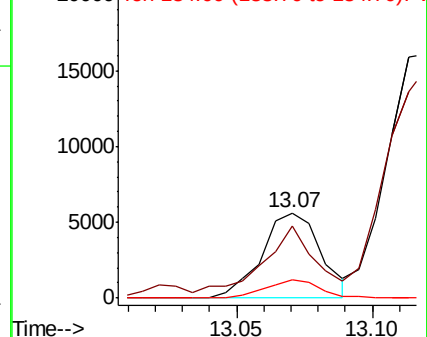
134 19.8 13.2 39.5

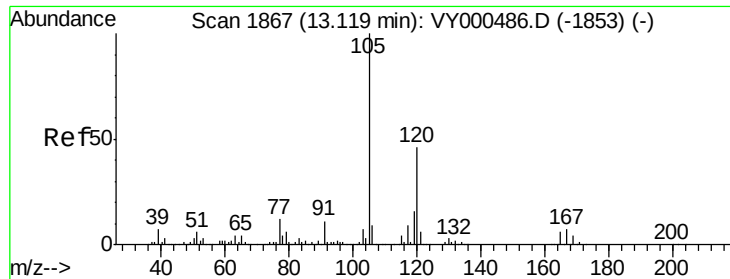


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V

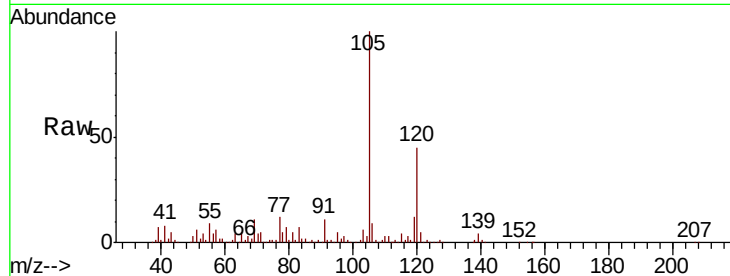




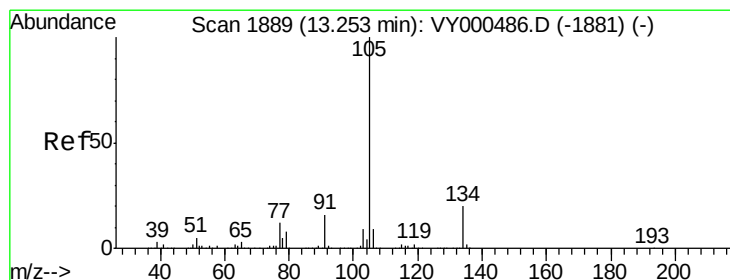
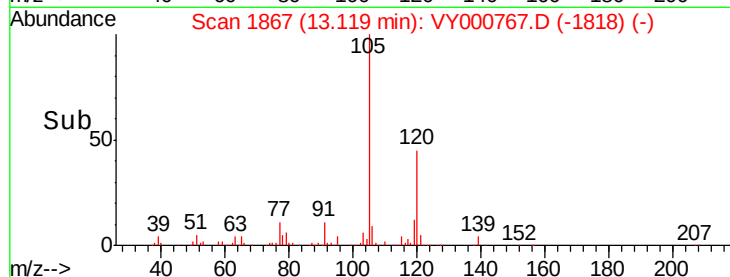
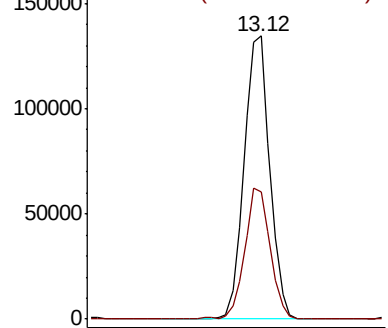
#84
1,2,4-Trimethylbenzene
Concen: 191.921 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:105 Resp: 204804
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.9

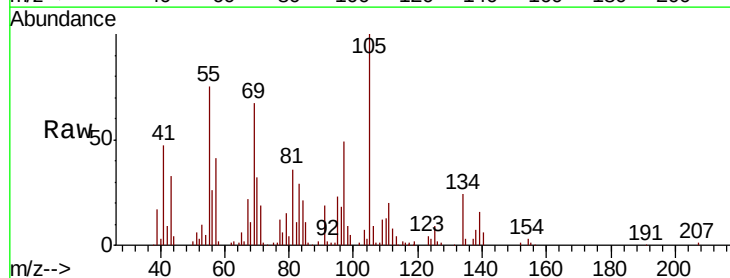


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

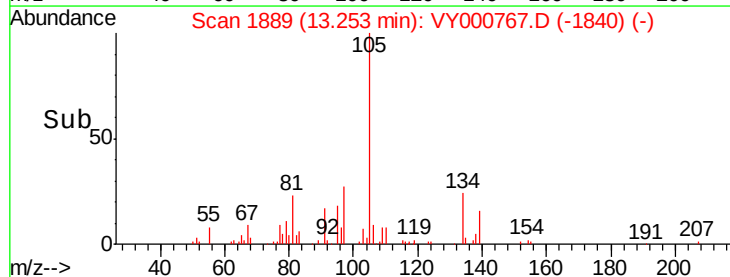
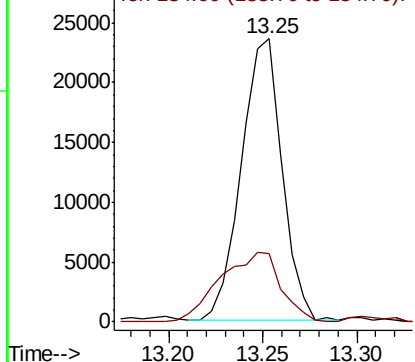


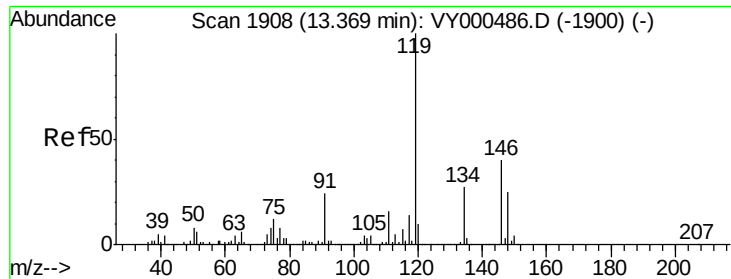
#85
sec-Butylbenzene
Concen: 27.038 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. -0.00 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Tgt Ion:105 Resp: 35252
Ion Ratio Lower Upper
105 100
134 36.9 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V

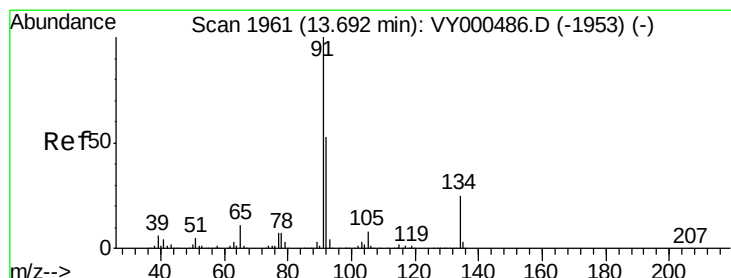
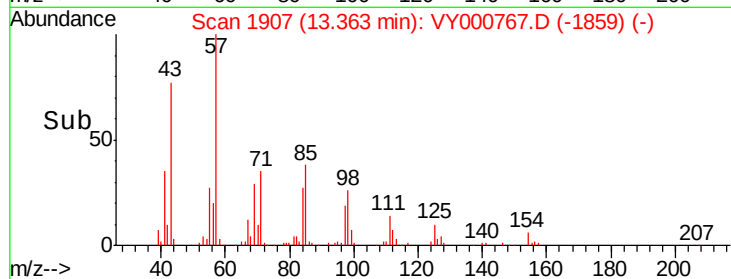
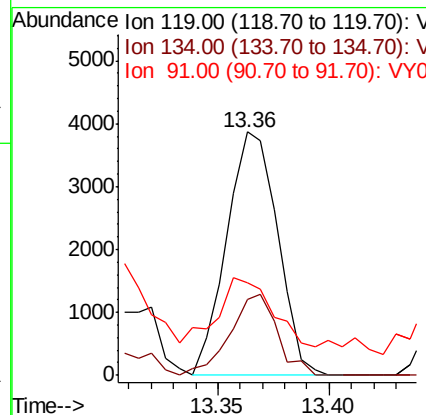
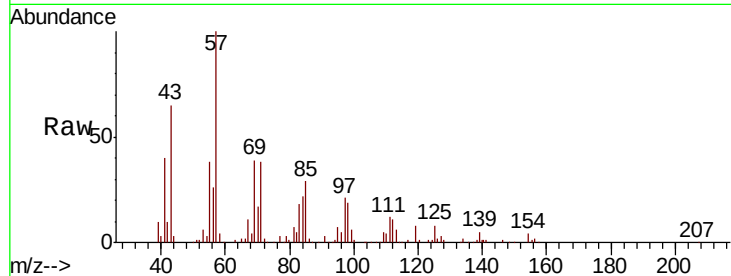




#86
 p-Isopropyltoluene
 Concen: 5.298 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

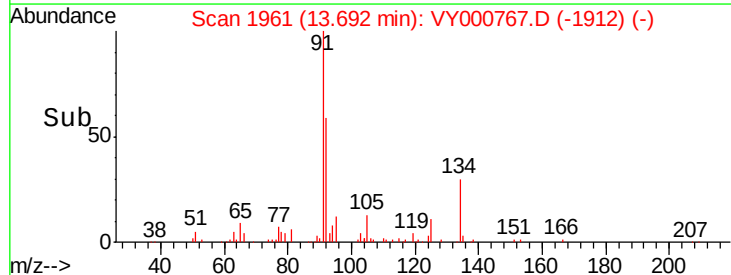
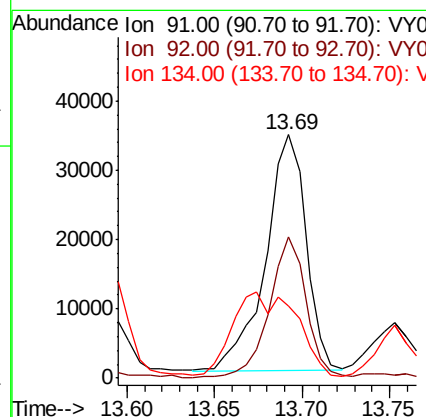
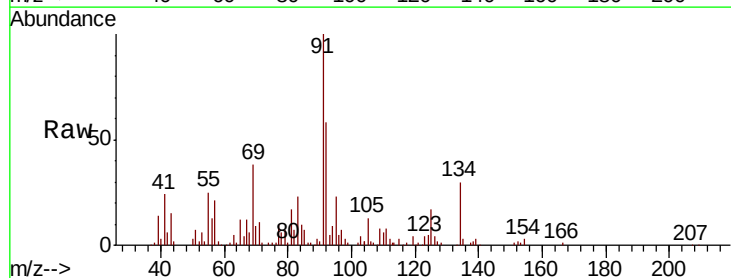
Instrument :
 MSVOA_Y
 ClientSampled :

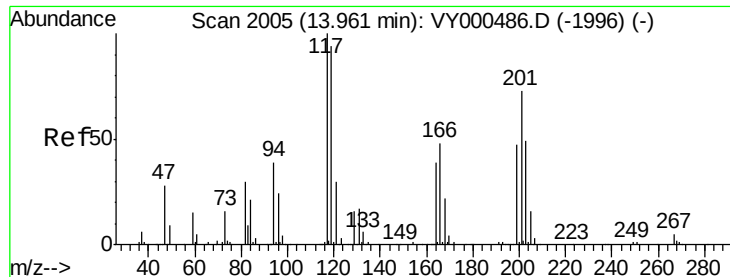
Tot Ion: 119 Resp: 6156
 Ion Ratio Lower Upper
 119 100
 134 30.8 13.6 40.8
 91 29.3 12.0 36.1



#89
 n-Butylbenzene
 Concen: 48.345 ug/l
 RT: 13.69 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

Tgt Ion: 91 Resp: 55408
 Ion Ratio Lower Upper
 91 100
 92 53.5 26.8 80.3
 134 58.0 12.9 38.7#





#90

Hexachloroethane

Concen: 106.615 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.01 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

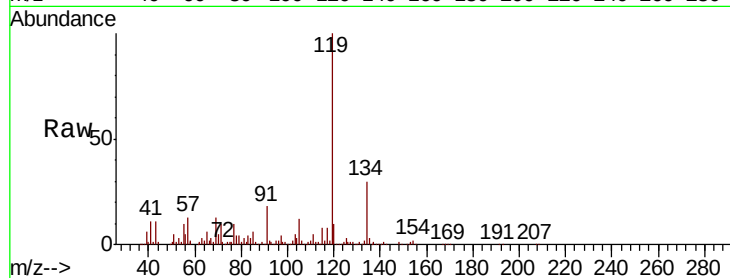
ClientSampleId :

Tot Ion:117 Resp: 22903

Ion Ratio Lower Upper

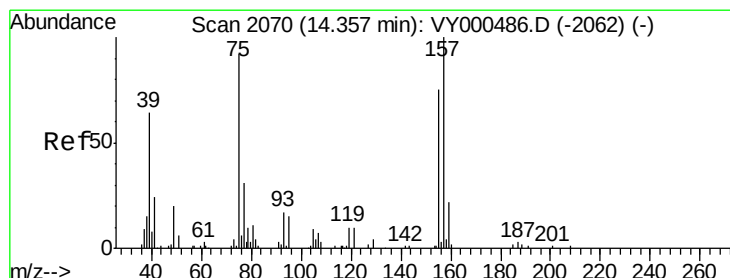
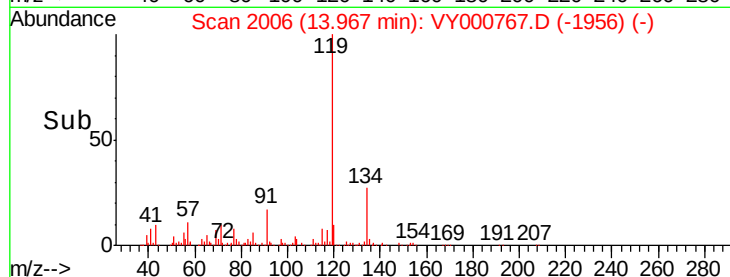
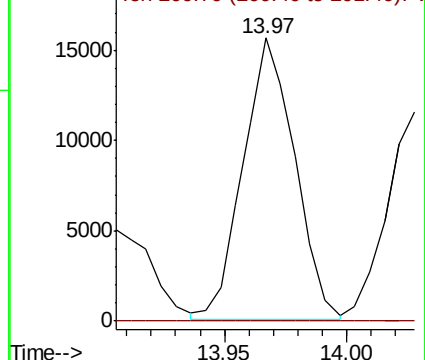
117 100

201 0.0 35.8 107.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 12.884 ug/l

RT: 14.38 min Scan# 2073

Delta R.T. 0.02 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

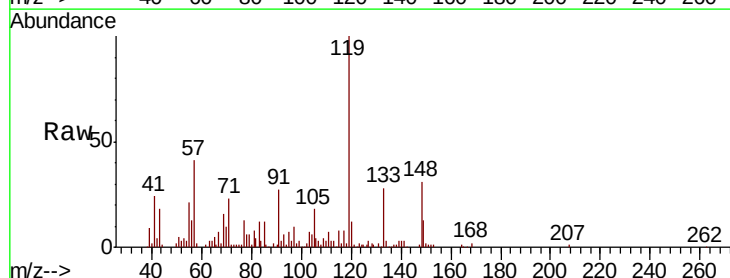
Tgt Ion: 75 Resp: 581

Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.1#

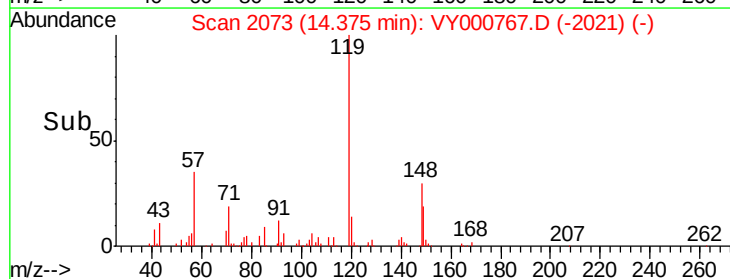
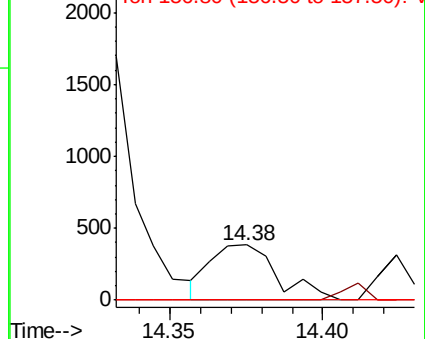
157 0.0 55.1 165.3#

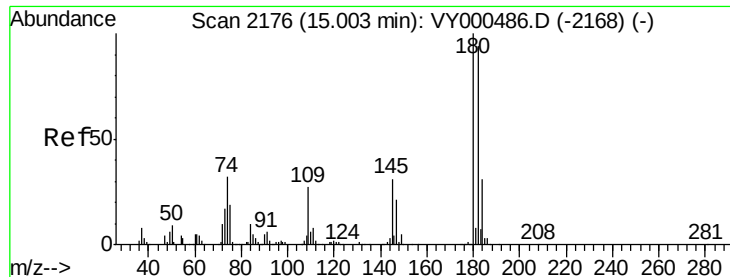


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 2.305 ug/l

RT: 15.01 min Scan# 2177

Delta R.T. 0.01 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

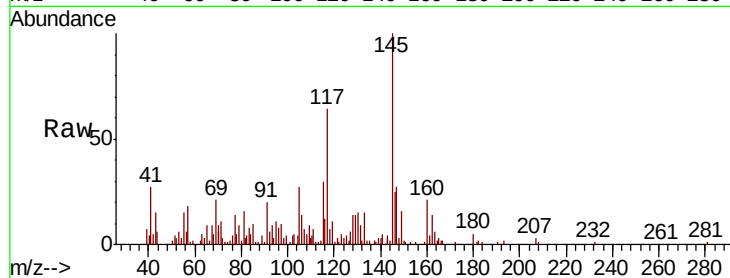
Tot Ion:180 Resp: 814

Ion Ratio Lower Upper

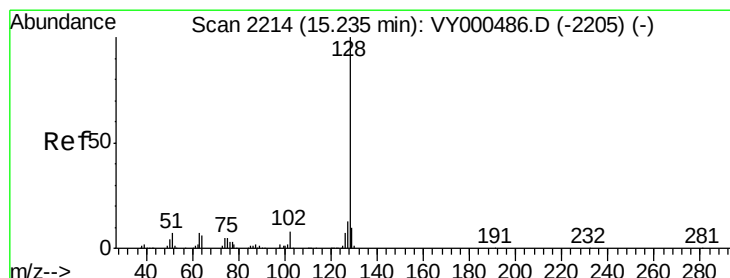
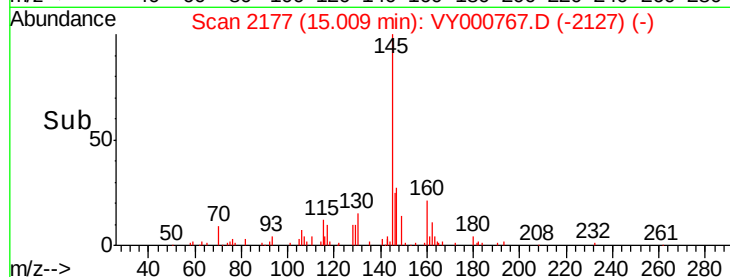
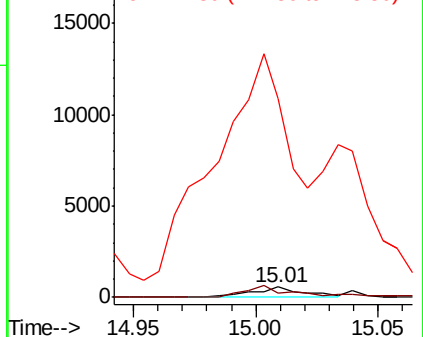
180 100

182 94.1 47.8 143.4

145 3725.8 16.0 47.9#



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: 14.109 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

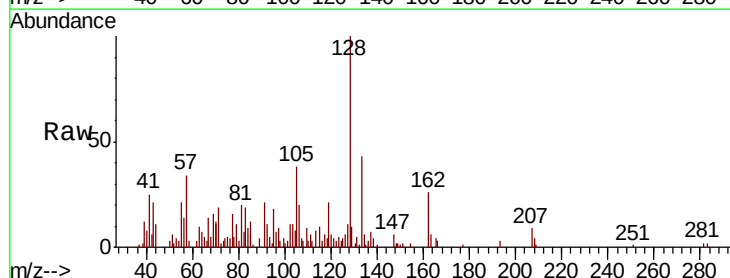
Tgt Ion:128 Resp: 11060

Ion Ratio Lower Upper

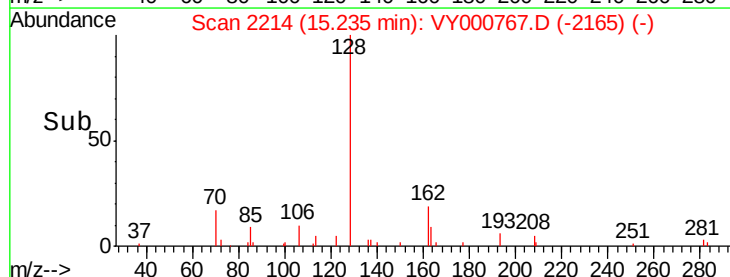
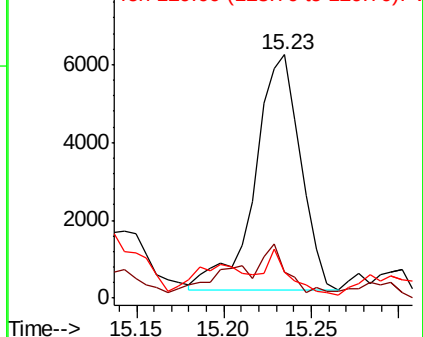
128 100

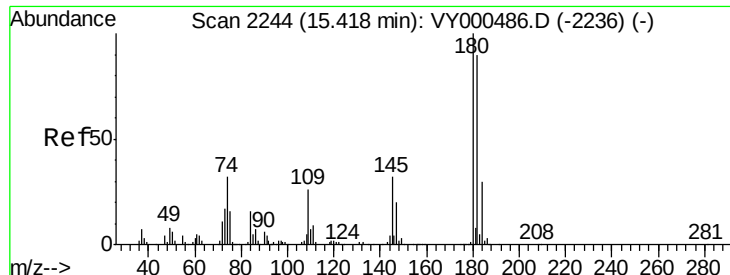
127 20.9 9.8 14.6#

129 10.1 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





#96
 1,2,3-Trichlorobenzene
 Concen: 2.557 ug/l
 RT: 15.42 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.8	47.4	142.3
145	571.7	15.7	47.0

