

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001241.D
 Acq On : 16 Jan 2020 00:49
 Operator : SY/MD
 Sample : L1136-03
 Misc : 8.34G/5ML/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_20-21

Quant Time: Jan 16 04:56:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	171336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	311526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	278549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	134042	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	98302	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
35) Dibromofluoromethane	7.73	113	91972	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.18	98	370669	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.48	95	141311	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

Target Compounds						Qvalue
4) Vinyl Chloride	2.26	62	22486	11.768	ug/l	96
6) Chloroethane	2.80	64	3623	3.282	ug/l	98
11) Tert butyl alcohol	4.96	59	816	4.482	ug/l #	73
16) Acetone	3.96	43	11289	26.862	ug/l #	87
17) Carbon Disulfide	4.19	76	9645	1.701	ug/l	98
20) Methylene Chloride	4.72	84	7914	Below Cal		93
24) 1,1-Dichloroethane	6.03	63	3657	1.106	ug/l #	91
25) 2-Butanone	7.00	43	4140	6.329	ug/l	92
27) cis-1,2-Dichloroethene	7.00	96	4669	2.145	ug/l	87
31) Cyclohexane	7.79	56	34305	9.802	ug/l	97
36) 1,1-Dichloropropene	7.80	75	13244	4.664	ug/l #	48
38) Carbon Tetrachloride	7.80	117	16473	6.331	ug/l #	16
39) Methylcyclohexane	9.19	83	62627	16.269	ug/l	99
40) Benzene	8.17	78	29591	3.570	ug/l	96
43) Isopropyl Acetate	8.27	43	8800	2.762	ug/l #	51
51) 4-Methyl-2-Pentanone	10.11	43	2438	1.508	ug/l #	84
55) 1,1,2-Trichloroethane	10.61	97	9917	5.983	ug/l #	20
56) Ethyl methacrylate	10.52	69	3909	1.542	ug/l #	1
59) 2-Hexanone	10.80	43	11958	10.553	ug/l #	28
65) Chlorobenzene	11.52	112	3552753	638.312	ug/l	99
73) Isopropylbenzene	12.33	105	20922	2.076	ug/l	100
74) N-amyl acetate	12.12	43	31427	9.993	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.55	83	3136	1.479	ug/l #	25
76) 1,2,3-Trichloropropane	12.48	75	67124	46.779	ug/l #	100
78) n-propylbenzene	12.67	91	28091	2.318	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.48	75	67124	79.326	ug/l #	8
83) tert-Butylbenzene	13.07	119	15780	2.234	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	9914	1.187	ug/l	100
85) sec-Butylbenzene	13.25	105	45322	4.459	ug/l #	44
86) p-Isopropyltoluene	13.52	119	20748	2.351	ug/l	96
87) 1,3-Dichlorobenzene	13.36	146	162857	38.674	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	359163	82.872	ug/l	100
89) n-Butylbenzene	13.69	91	28165	3.169	ug/l #	86
90) Hexachloroethane	13.97	117	2372	1.376	ug/l #	14

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Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

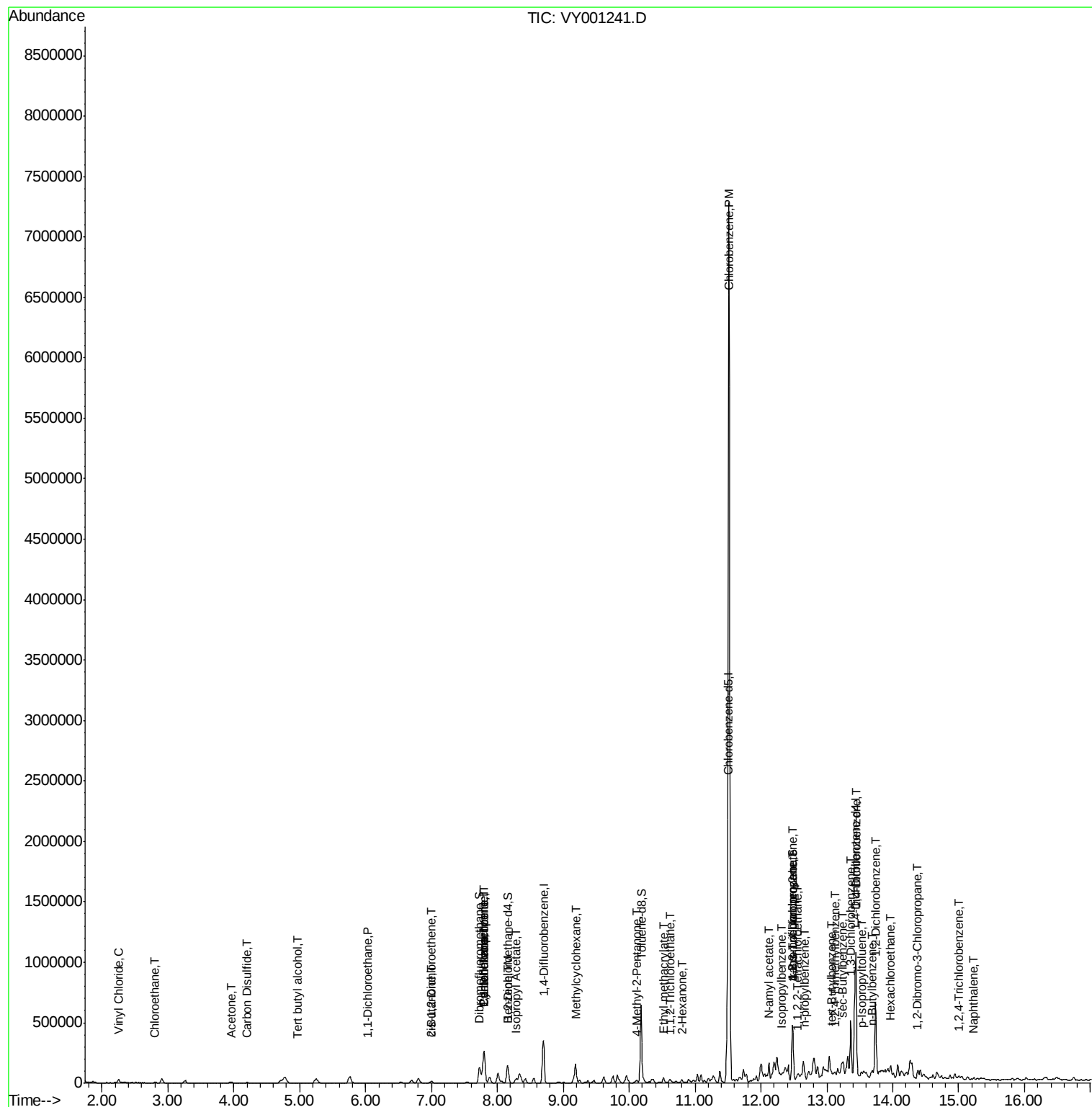
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.73	146	169323	43.265	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	584	1.527	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.00	180	3061	1.187	ug/l #	1
95) Naphthalene	15.23	128	8903	1.483	ug/l #	93

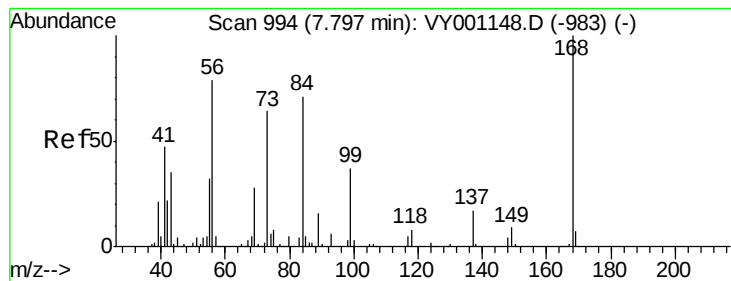
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

Instrument :

MSVOA_Y

ClientSampleId :

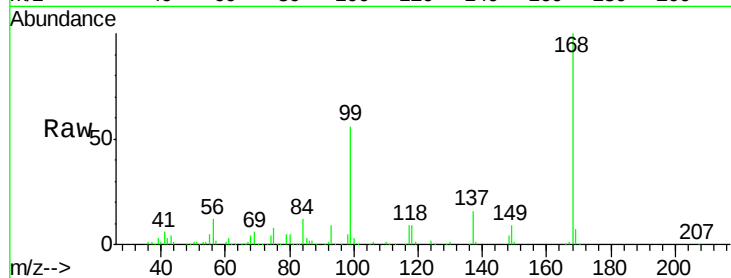
WP022SB457_200113_20-21

Tgt Ion:168 Resp: 171336

Ion Ratio Lower Upper

168 100

99 55.8 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

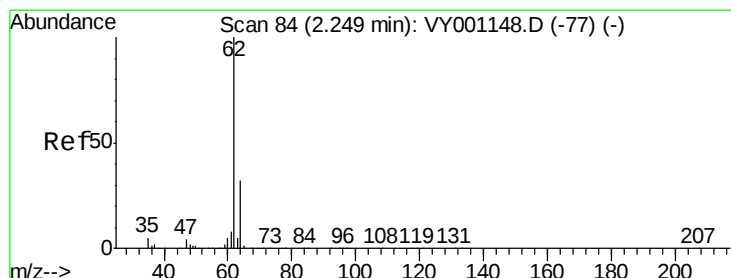
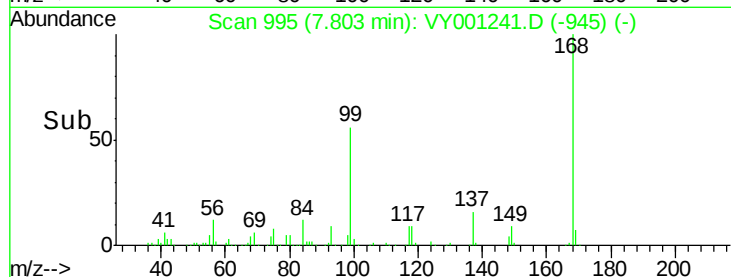
40000

20000

0

7.70 7.80 7.90

Time-->



#4

Vinyl Chloride

Concen: 11.768 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001241.D

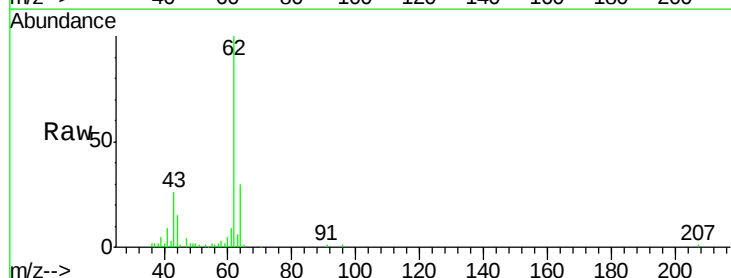
Acq: 16 Jan 2020 00:49

Tgt Ion: 62 Resp: 22486

Ion Ratio Lower Upper

62 100

64 29.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY001148.D (-77) (-)

Ion 63.90 (63.60 to 64.60): VY001148.D (-77) (-)

2.26

15000

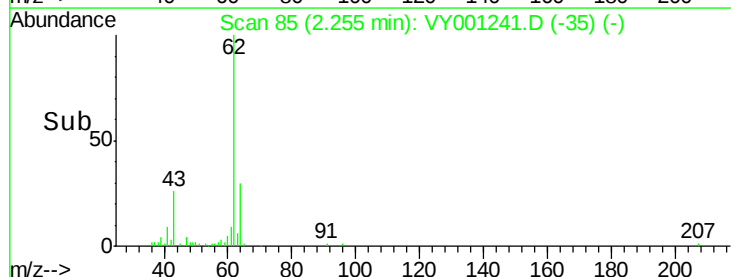
10000

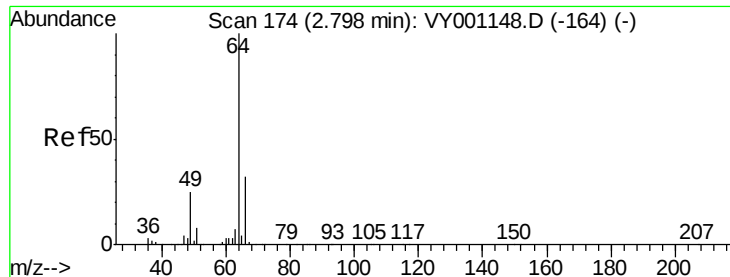
5000

0

2.15 2.20 2.25 2.30 2.35

Time-->





#6

Chloroethane

Concen: 3.282 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

Instrument :

MSVOA_Y

ClientSampleId :

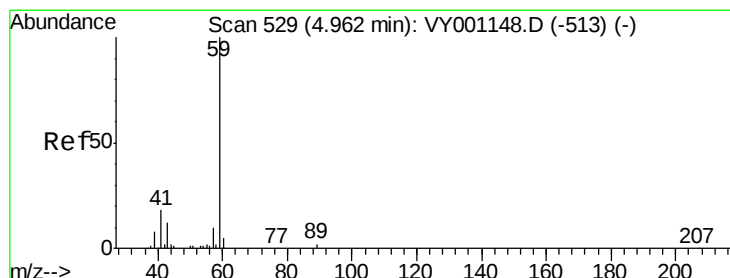
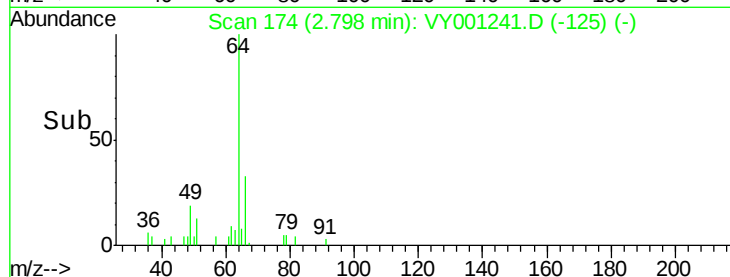
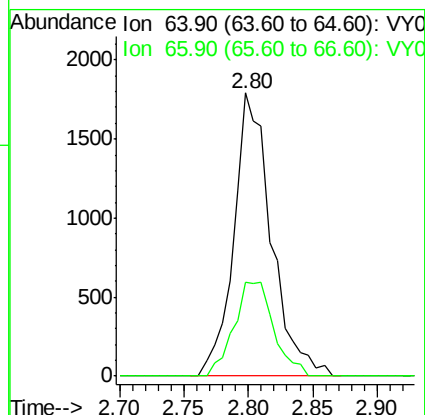
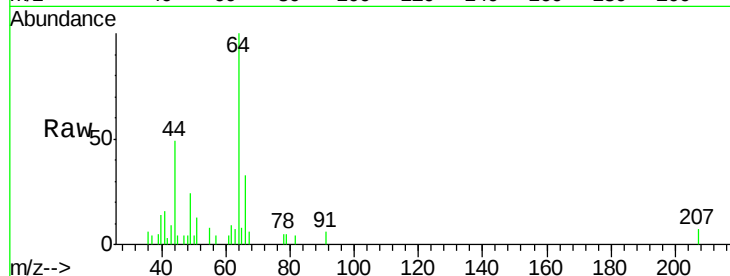
WP022SB457_200113_20-21

Tgt Ion: 64 Resp: 3623

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3



#11

Tert butyl alcohol

Concen: 4.482 ug/l

RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

Lab File: VY001241.D

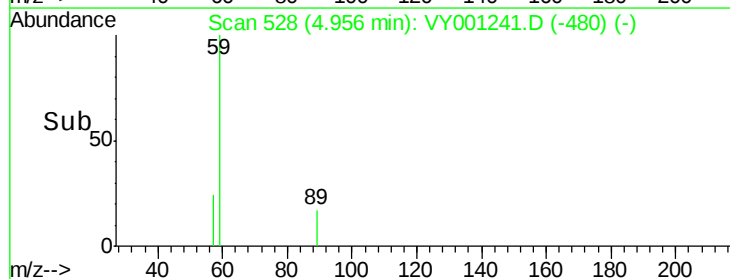
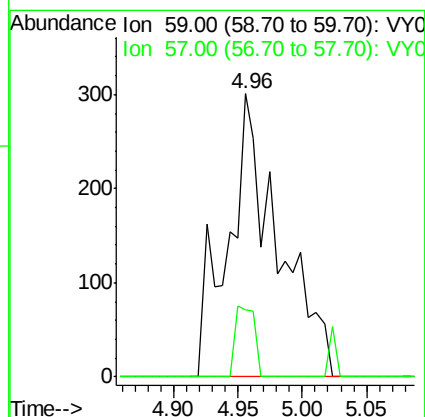
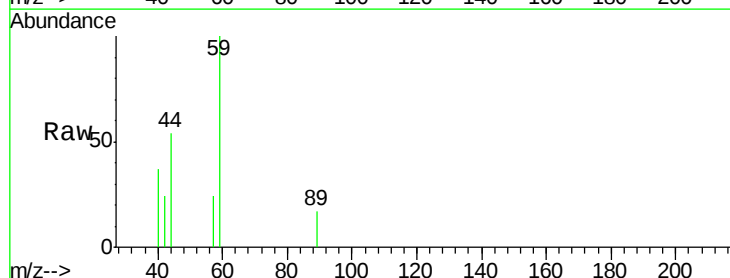
Acq: 16 Jan 2020 00:49

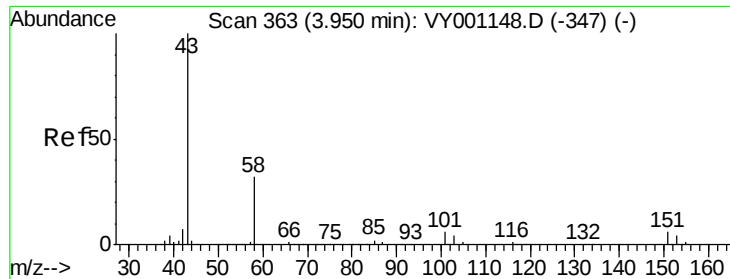
Tgt Ion: 59 Resp: 816

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#





#16

Acetone

Concen: 26.862 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

Instrument :

MSVOA_Y

ClientSampleId :

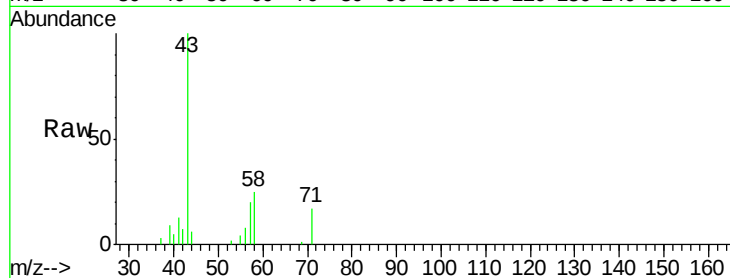
WP022SB457_200113_20-21

Tgt Ion: 43 Resp: 11289

Ion Ratio Lower Upper

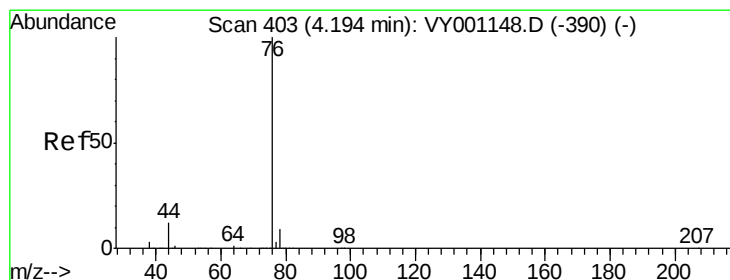
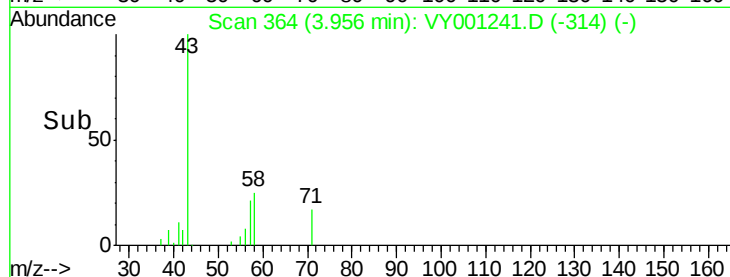
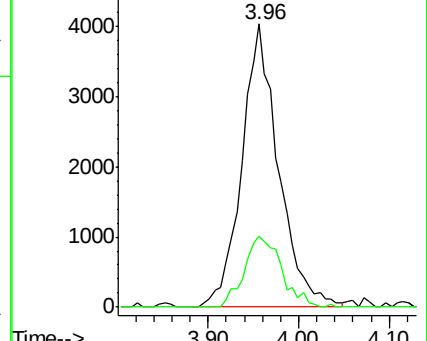
43 100

58 24.9 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#17

Carbon Disulfide

Concen: 1.701 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.00 min

Lab File: VY001241.D

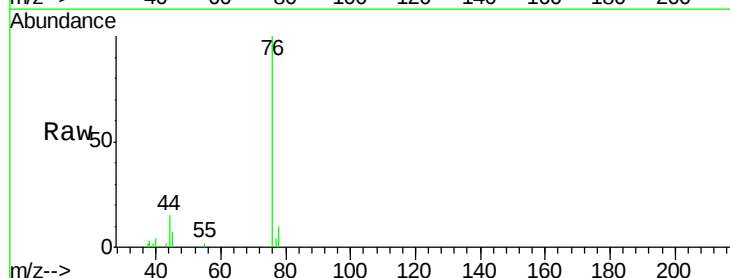
Acq: 16 Jan 2020 00:49

Tgt Ion: 76 Resp: 9645

Ion Ratio Lower Upper

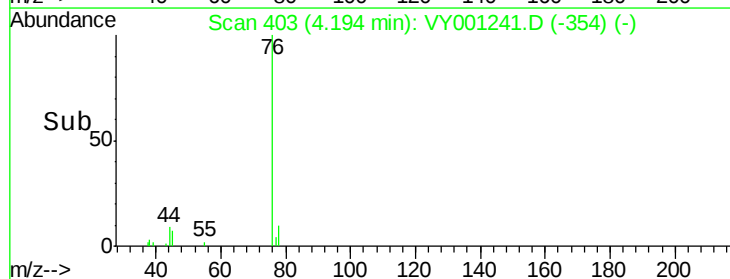
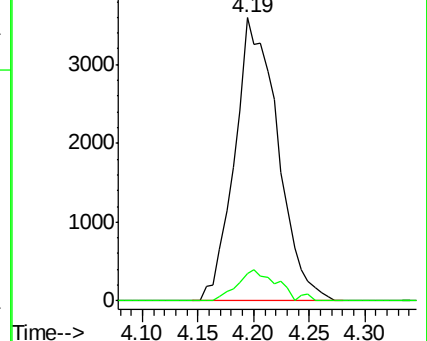
76 100

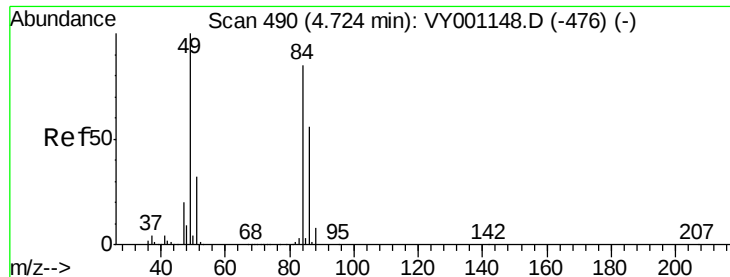
78 9.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

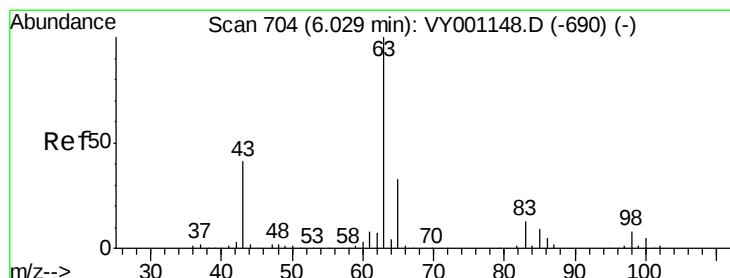
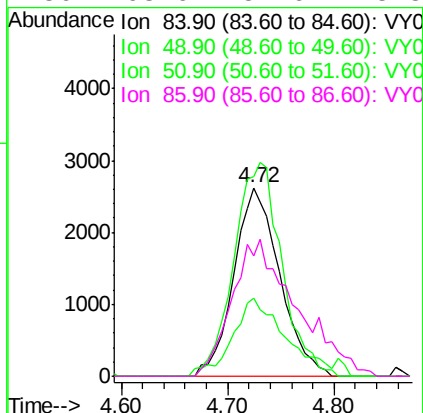
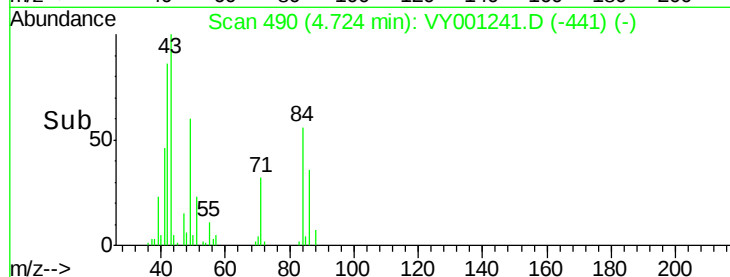
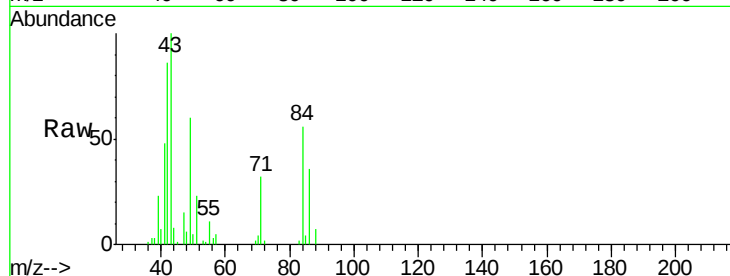




#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY001241.D
Acq: 16 Jan 2020 00:49

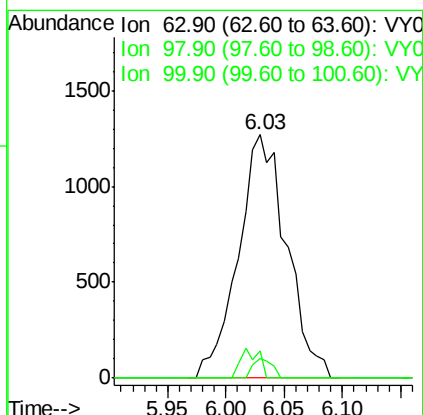
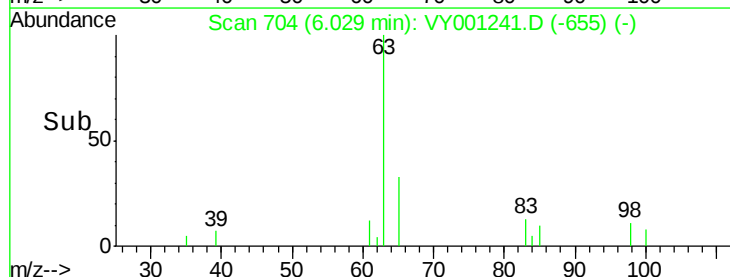
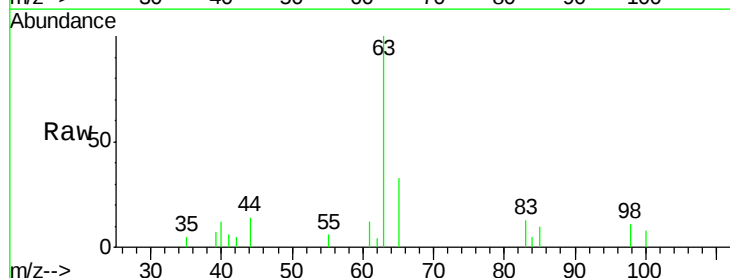
Instrument :
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WP022SB457_200113_20-21

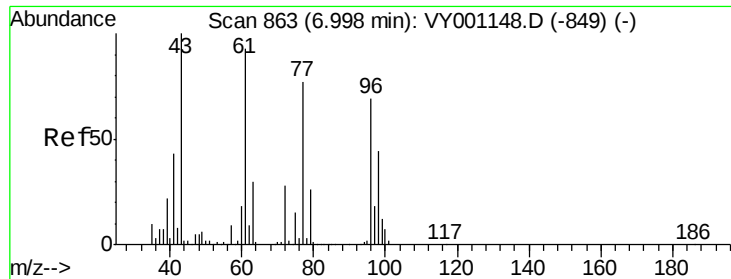
Tgt Ion:	84	Resp:	7914
Ion	Ratio	Lower	Upper
84	100		
49	106.3	93.8	140.6
51	41.5	29.9	44.9
86	63.6	52.6	78.8



#24
1,1-Dichloroethane
Concen: 1.106 ug/l
RT: 6.03 min Scan# 704
Delta R.T. -0.00 min
Lab File: VY001241.D
Acq: 16 Jan 2020 00:49

Tgt Ion:	63	Resp:	3657
Ion	Ratio	Lower	Upper
63	100		
98	11.0	3.9	11.7
100	8.0	2.4	7.2#





#25

2-Butanone

Concen: 6.329 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

Instrument :

MSVOA_Y

ClientSampleId :

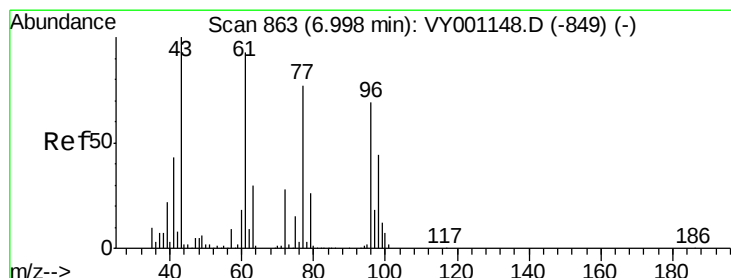
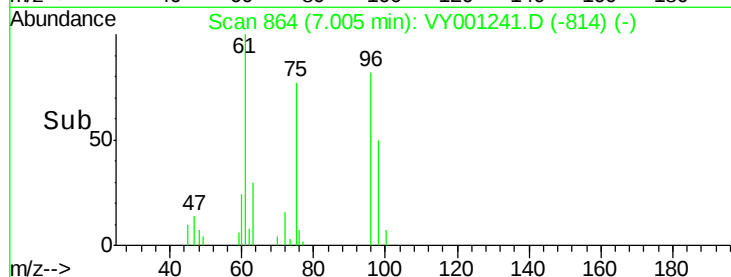
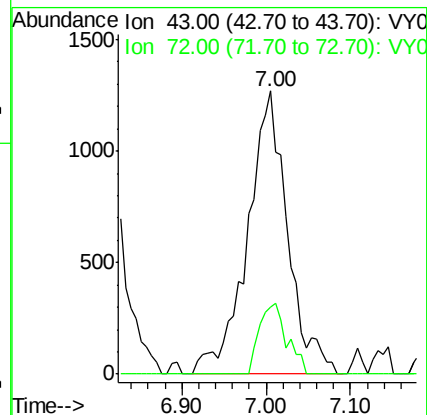
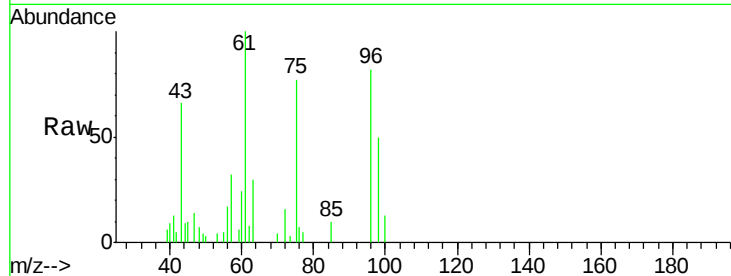
WP022SB457_200113_20-21

Tgt Ion: 43 Resp: 4140

Ion Ratio Lower Upper

43 100

72 23.7 22.2 33.2



#27

cis-1,2-Dichloroethene

Concen: 2.145 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

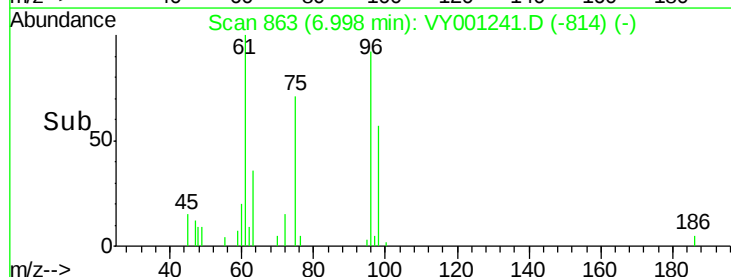
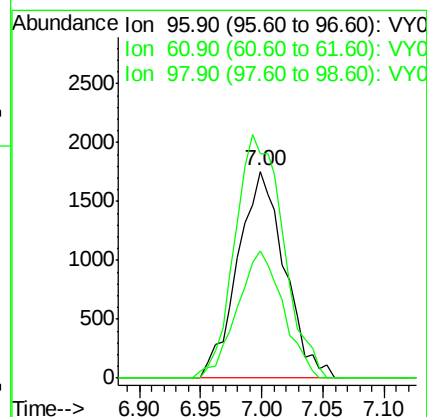
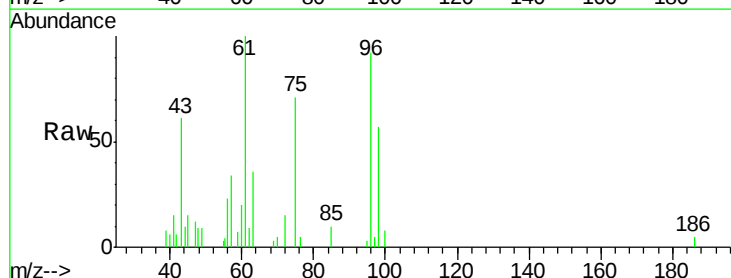
Tgt Ion: 96 Resp: 4669

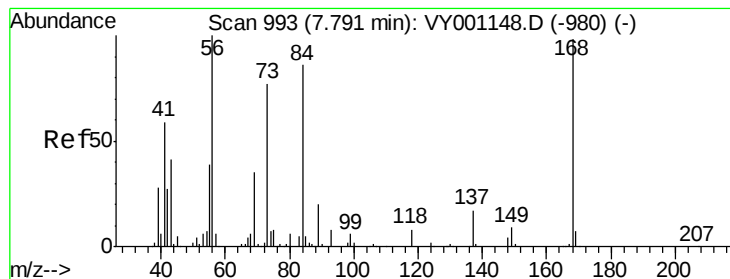
Ion Ratio Lower Upper

96 100

61 121.9 0.0 284.0

98 59.9 0.0 130.2





#31

Cyclohexane

Concen: 9.802 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

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WP022SB457_200113_20-21

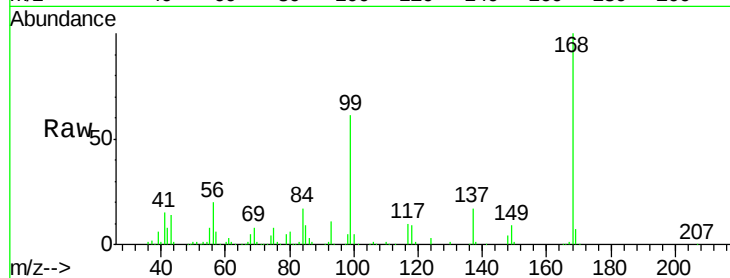
Tgt Ion: 56 Resp: 34305

Ion Ratio Lower Upper

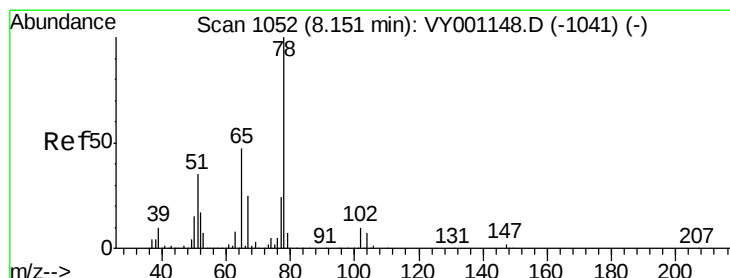
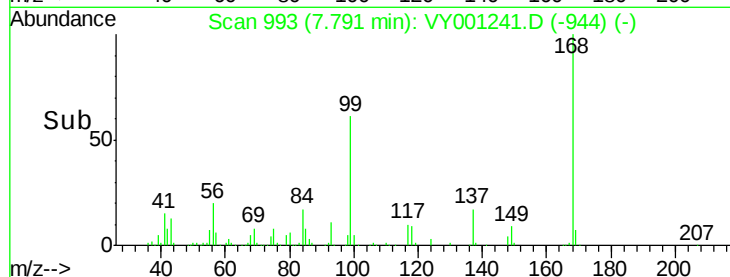
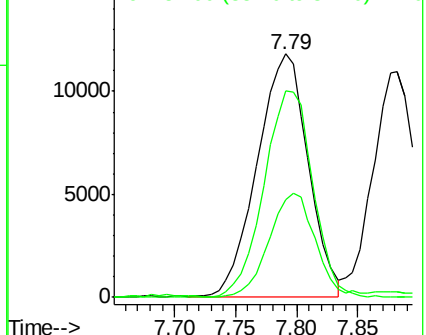
56 100

69 39.8 27.8 41.8

84 84.9 68.9 103.3



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: 54.322 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001241.D

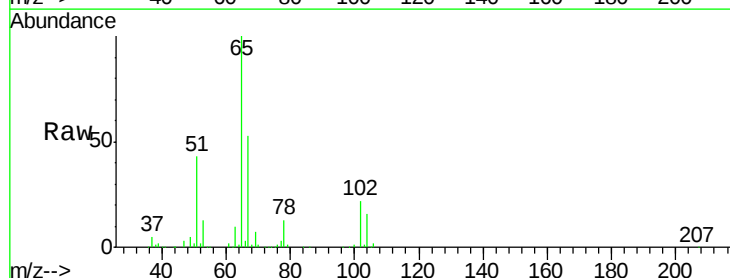
Acq: 16 Jan 2020 00:49

Tgt Ion: 65 Resp: 98302

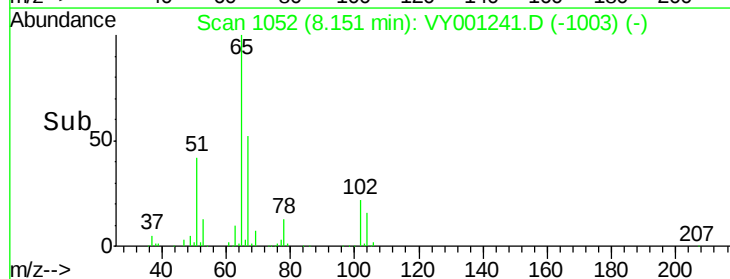
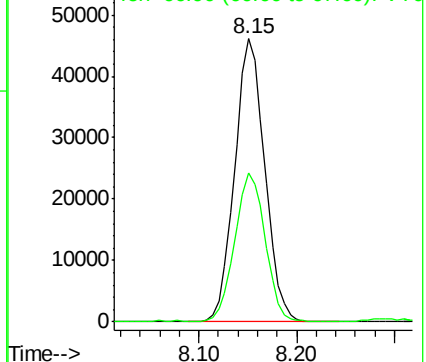
Ion Ratio Lower Upper

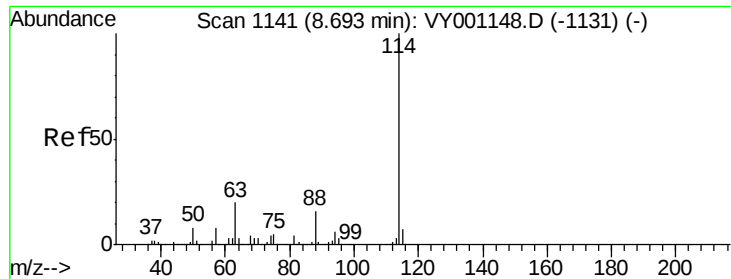
65 100

67 53.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

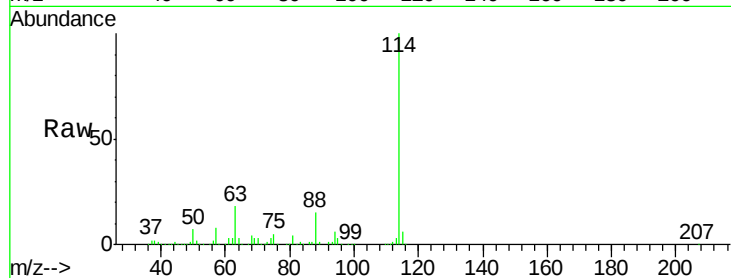




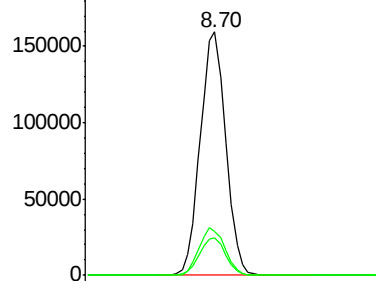
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001241.D
 Acq: 16 Jan 2020 00:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_20-21

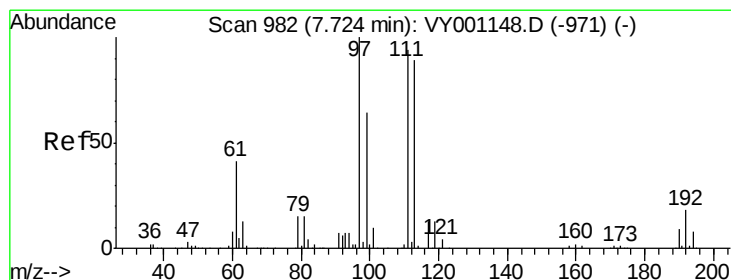
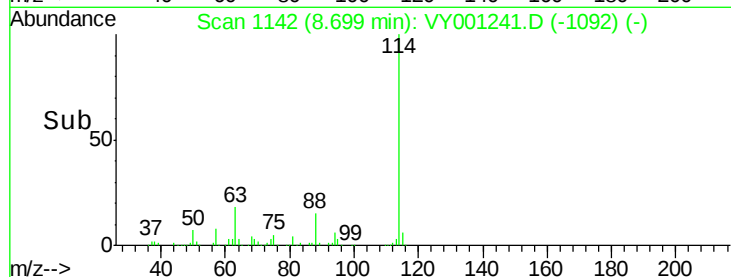
Tgt Ion:114 Resp: 311526
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 40.8
 88 15.2 0.0 32.4



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

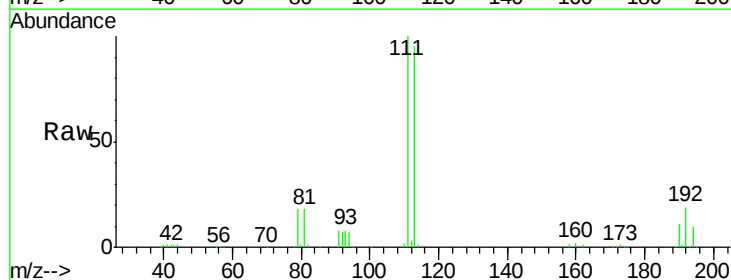


Time-->

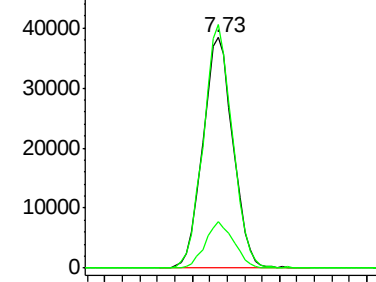


#35
 Dibromofluoromethane
 Concen: 50.424 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001241.D
 Acq: 16 Jan 2020 00:49

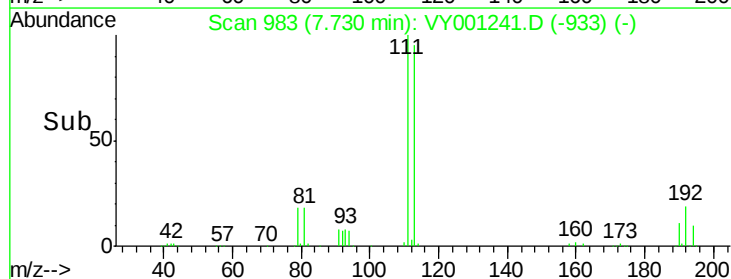
Tgt Ion:113 Resp: 91972
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.9 124.3
 192 19.1 15.4 23.2

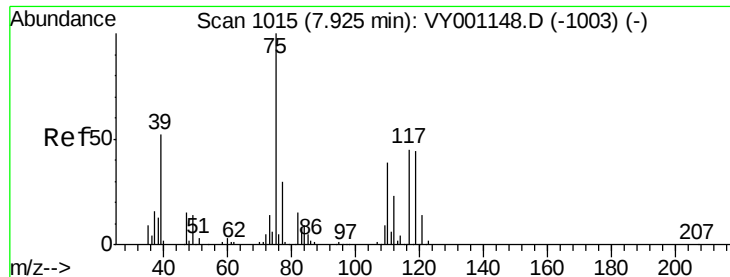


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

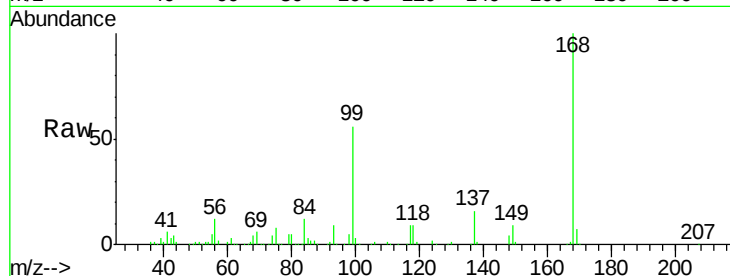




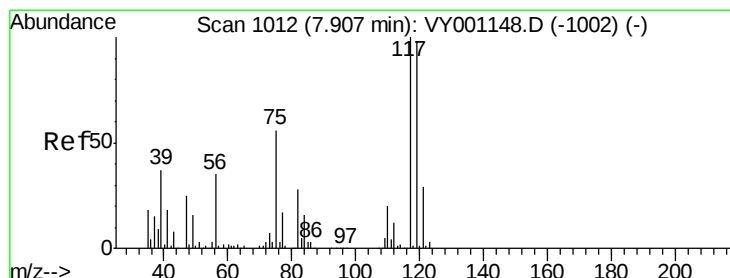
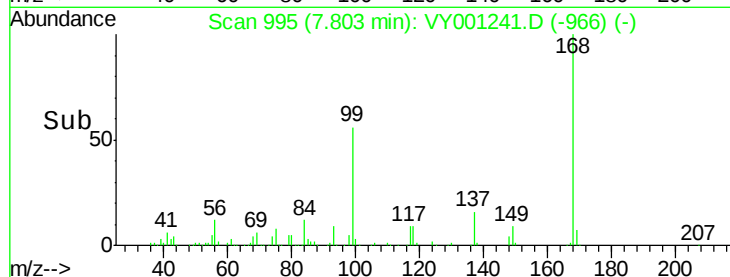
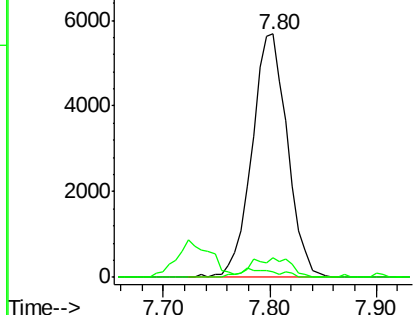
#36
 1,1-Dichloropropene
 Concen: 4.664 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001241.D
 Acq: 16 Jan 2020 00:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_20-21

Tgt Ion: 75 Resp: 13244
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.3 54.8#
 77 0.0 25.1 37.7#

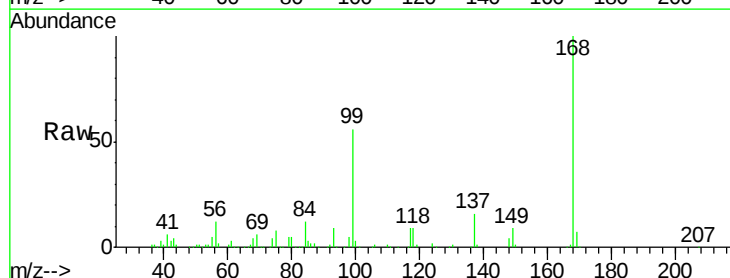


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

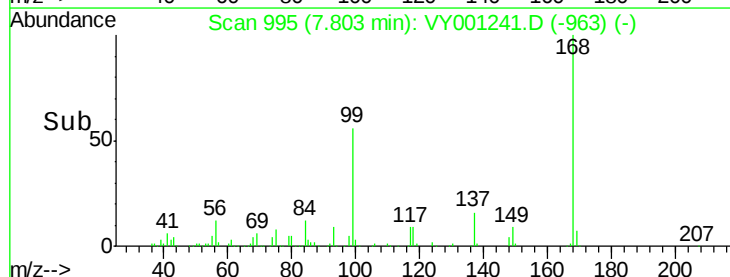
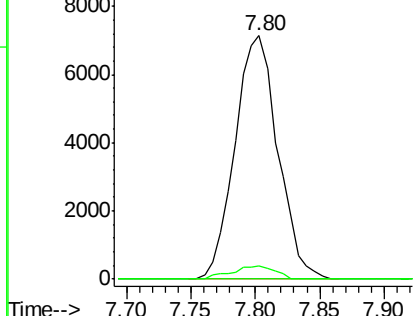


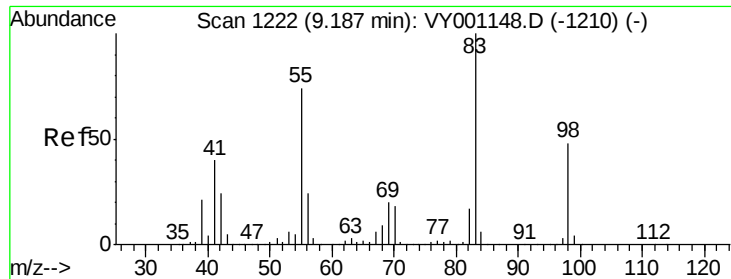
#38
 Carbon Tetrachloride
 Concen: 6.331 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.10 min
 Lab File: VY001241.D
 Acq: 16 Jan 2020 00:49

Tgt Ion: 117 Resp: 16473
 Ion Ratio Lower Upper
 117 100
 119 5.7 78.3 117.5#
 121 0.0 23.5 35.3#



Abundance Ion 116.80 (116.50 to 117.50): VY0
 Ion 118.80 (118.50 to 119.50): VY0
 Ion 120.80 (120.50 to 121.50): VY0

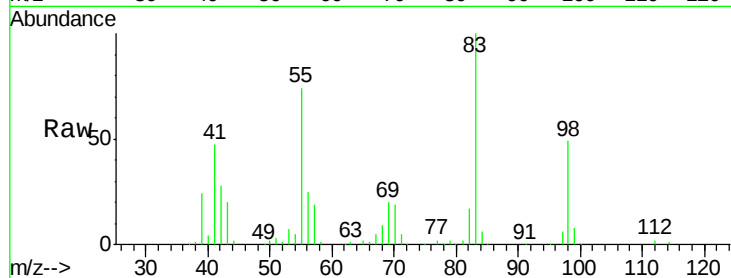




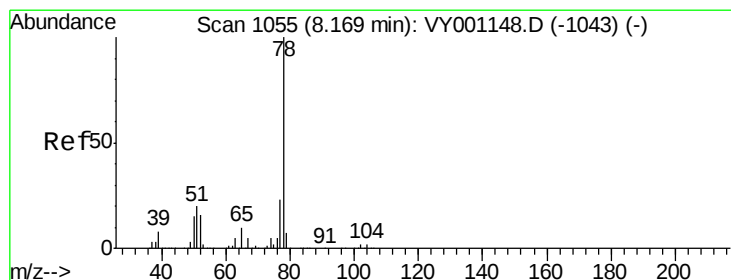
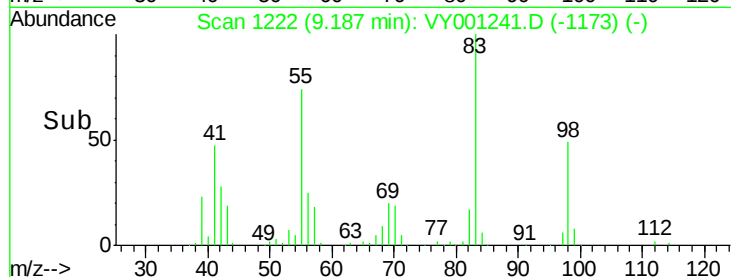
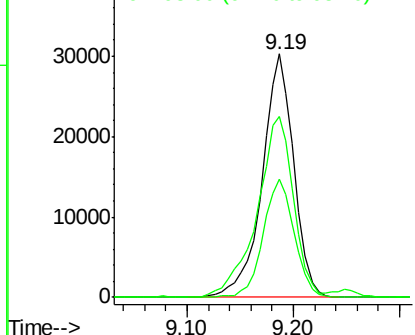
#39
Methylcyclohexane
Concen: 16.269 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001241.D
Acq: 16 Jan 2020 00:49

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_20-21

Tgt Ion: 83 Resp: 62627
Ion Ratio Lower Upper
83 100
55 74.1 58.9 88.3
98 48.7 38.4 57.6

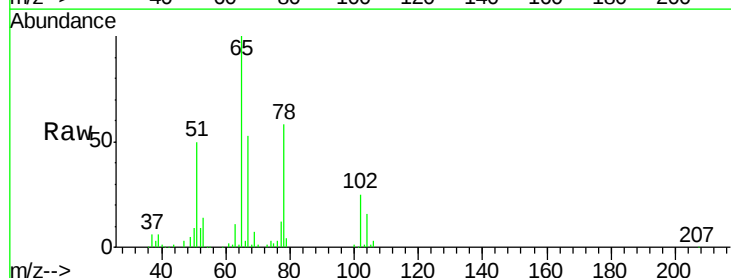


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

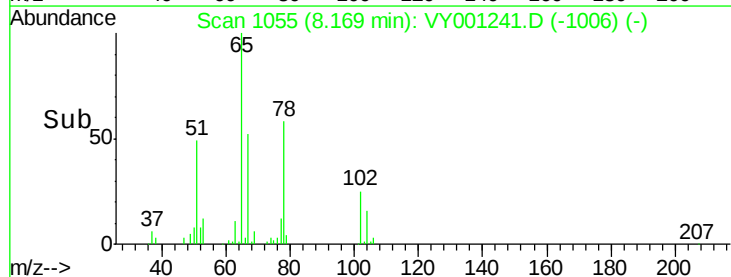
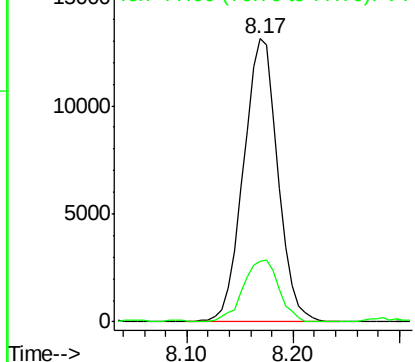


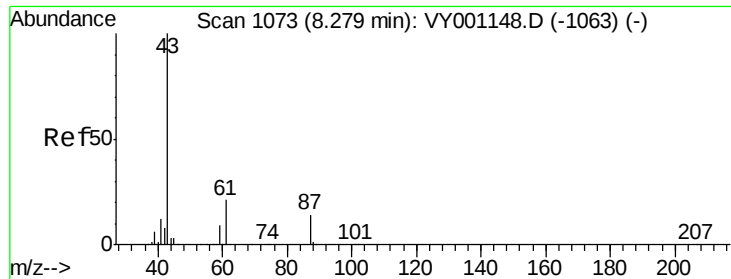
#40
Benzene
Concen: 3.570 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001241.D
Acq: 16 Jan 2020 00:49

Tgt Ion: 78 Resp: 29591
Ion Ratio Lower Upper
78 100
77 21.4 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#43

Isopropyl Acetate

Concen: 2.762 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_20-21

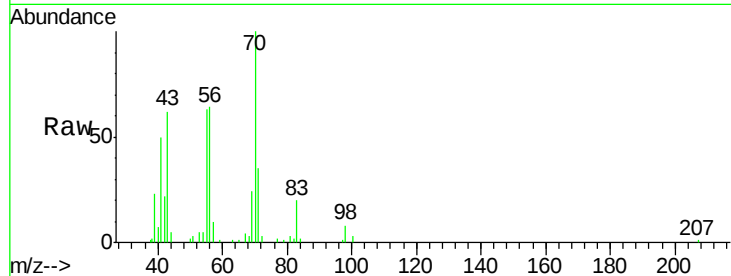
Tgt Ion: 43 Resp: 8800

Ion Ratio Lower Upper

43 100

61 0.0 23.9 35.9#

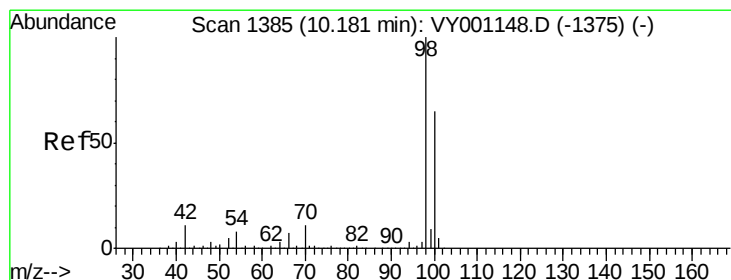
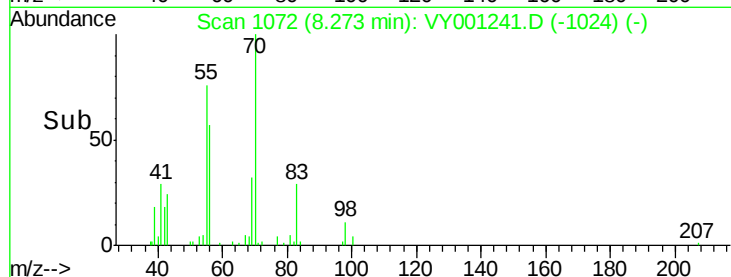
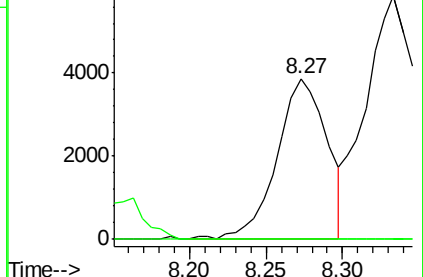
87 0.0 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY001148.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY001148.D (-1063) (-)



#50

Toluene-d8

Concen: 52.741 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001241.D

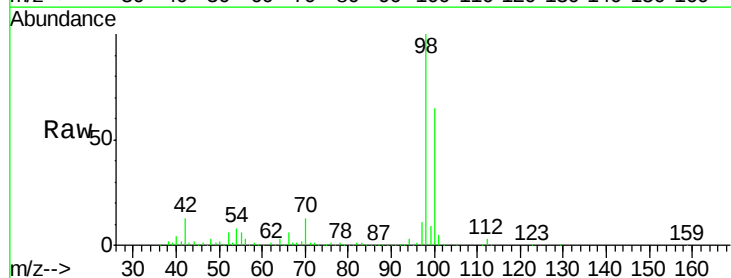
Acq: 16 Jan 2020 00:49

Tgt Ion: 98 Resp: 370669

Ion Ratio Lower Upper

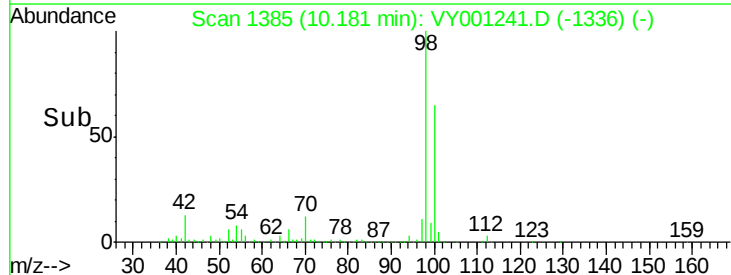
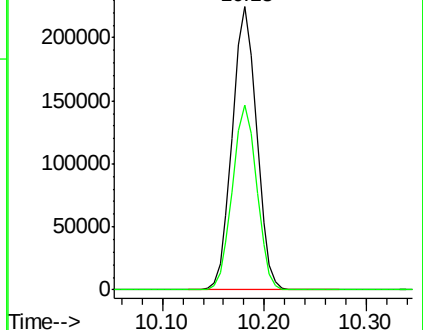
98 100

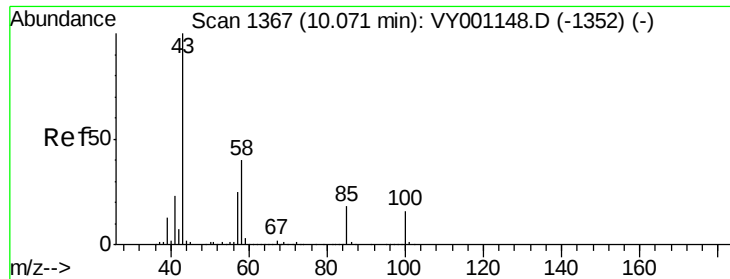
100 65.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001148.D (-1375) (-)

Ion 100.00 (99.70 to 100.70): VY001148.D (-1375) (-)





#51

4-Methyl-2-Pentanone

Concen: 1.508 ug/l

RT: 10.11 min Scan# 1374

Delta R.T. 0.04 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

Instrument :

MSVOA_Y

ClientSampleId :

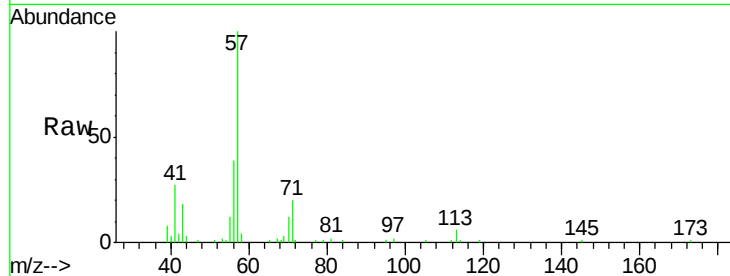
WP022SB457_200113_20-21

Tgt Ion: 43 Resp: 2438

Ion Ratio Lower Upper

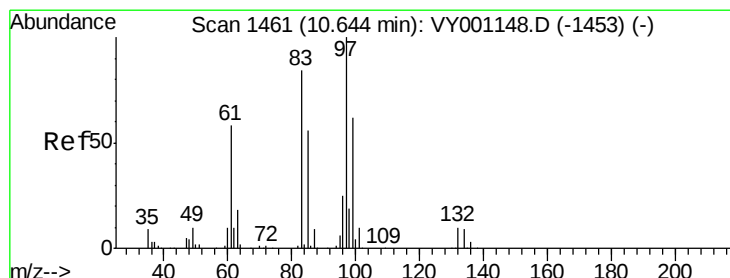
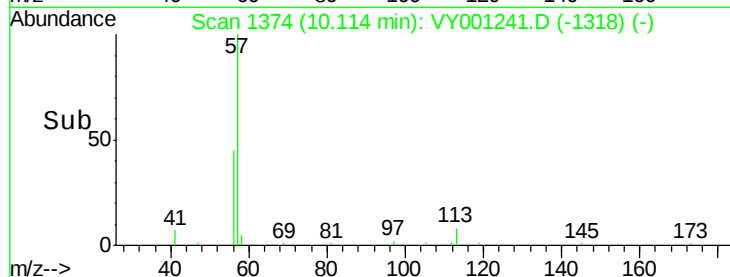
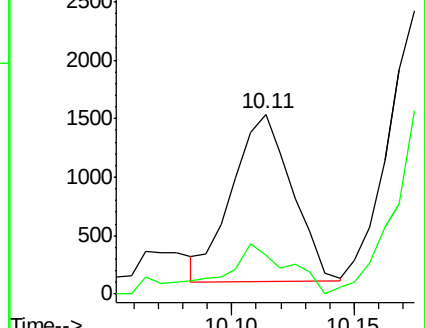
43 100

58 30.4 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-1352) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-1352) (-)



#55

1,1,2-Trichloroethane

Concen: 5.983 ug/l

RT: 10.61 min Scan# 1456

Delta R.T. -0.03 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

Tgt Ion: 97 Resp: 9917

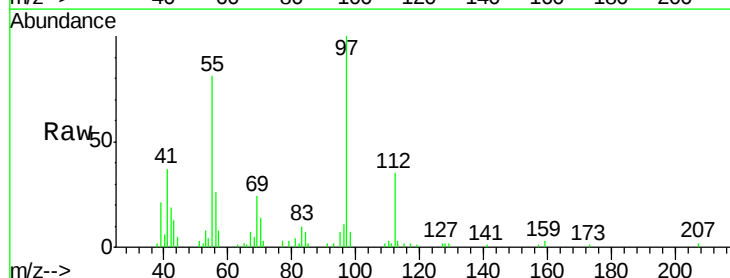
Ion Ratio Lower Upper

97 100

83 9.2 67.2 100.8#

85 2.1 44.9 67.3#

99 0.0 49.9 74.9#

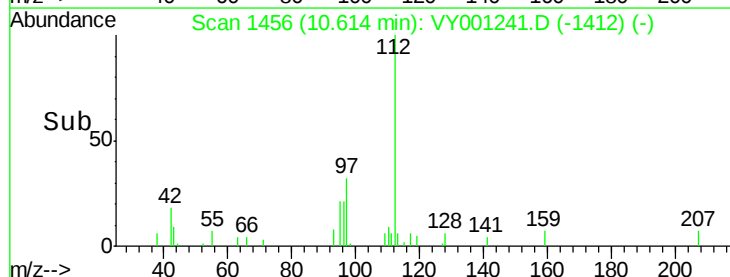
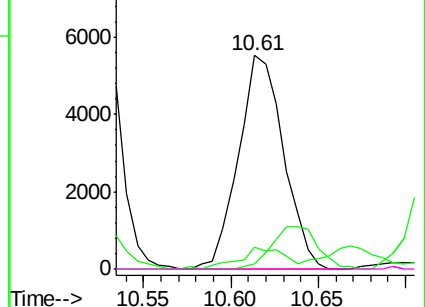


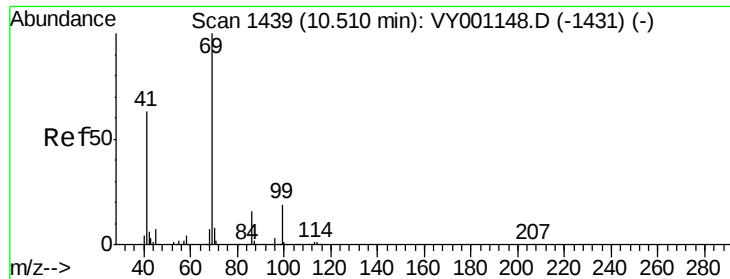
Abundance Ion 96.90 (96.60 to 97.60): VY001148.D (-1453) (-)

Ion 82.90 (82.60 to 83.60): VY001148.D (-1453) (-)

Ion 84.90 (84.60 to 85.60): VY001148.D (-1453) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-1453) (-)





#56

Ethyl methacrylate

Concen: 1.542 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.01 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_20-21

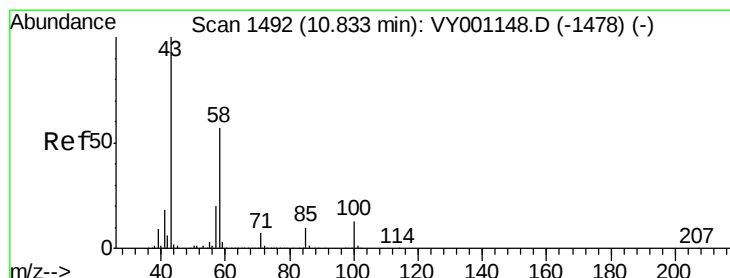
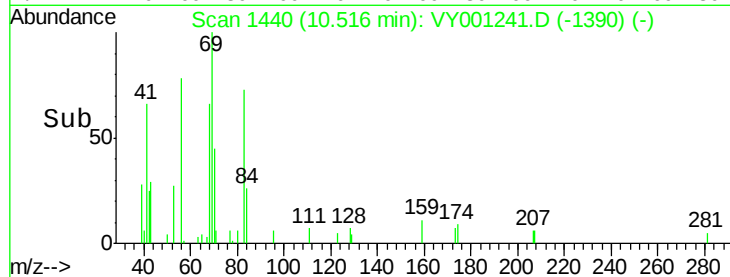
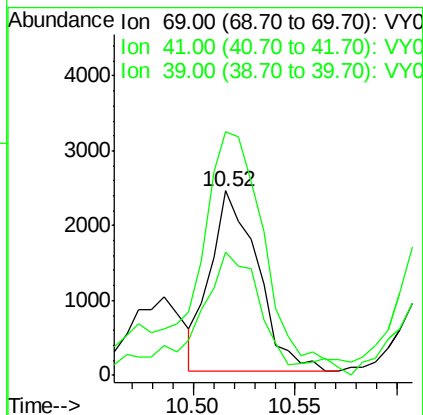
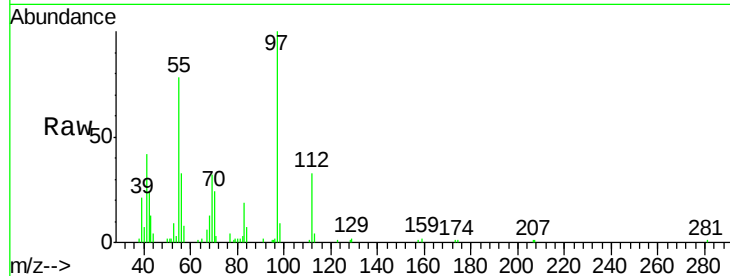
Tgt Ion: 69 Resp: 3909

Ion Ratio Lower Upper

69 100

41 155.7 51.4 77.2#

39 73.9 26.3 39.5#



#59

2-Hexanone

Concen: 10.553 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.03 min

Lab File: VY001241.D

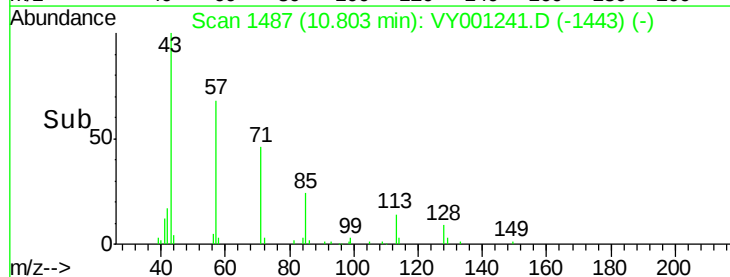
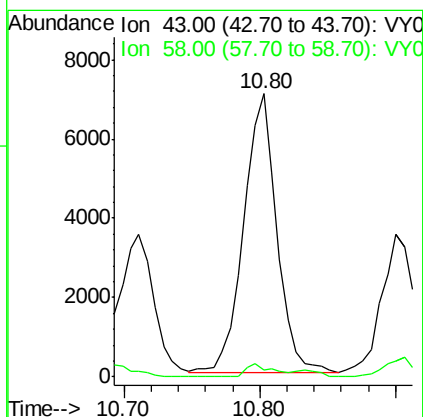
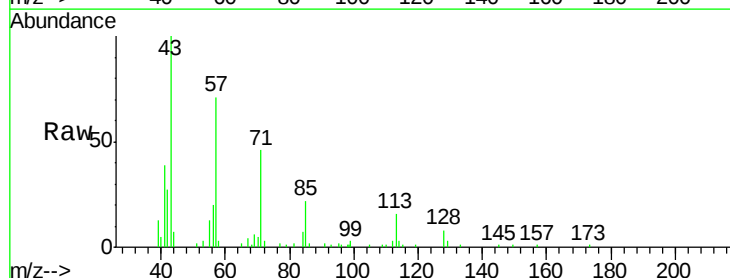
Acq: 16 Jan 2020 00:49

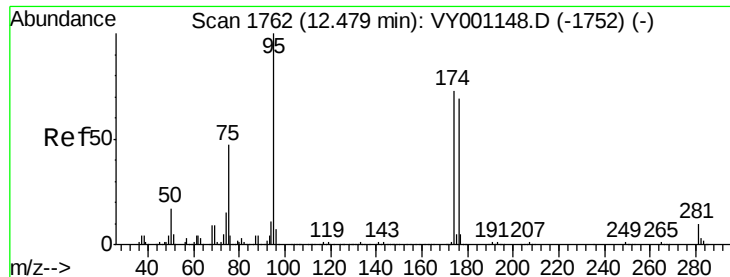
Tgt Ion: 43 Resp: 11958

Ion Ratio Lower Upper

43 100

58 3.7 28.4 85.2#

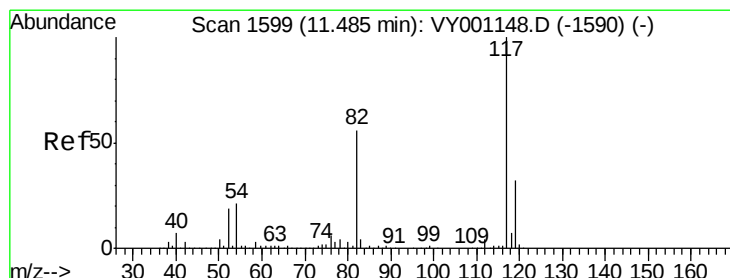
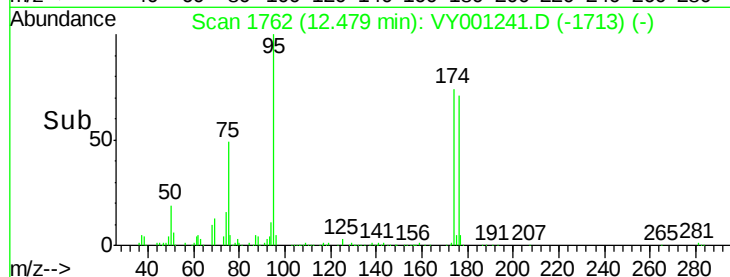
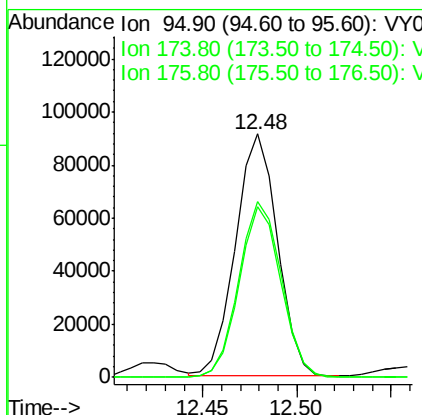
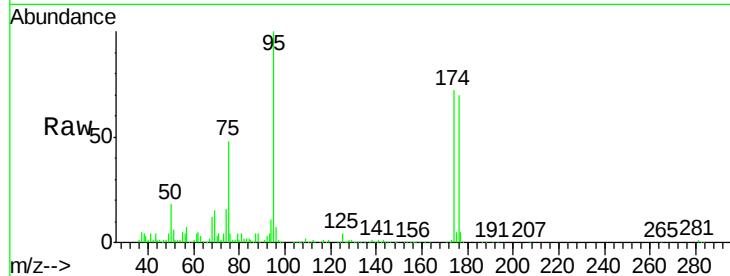




#62
4-Bromofluorobenzene
Concen: 49.181 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001241.D
Acq: 16 Jan 2020 00:49

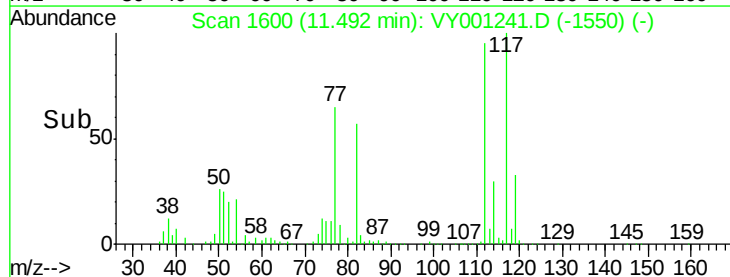
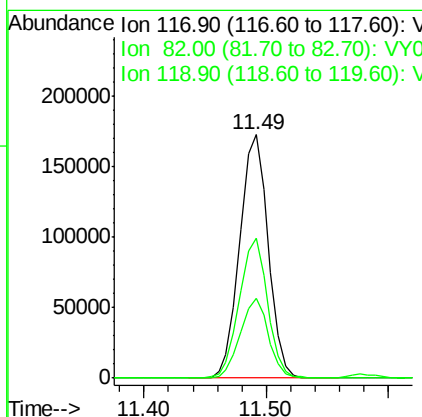
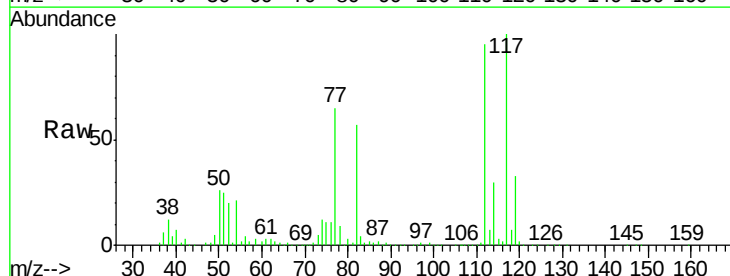
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_20-21

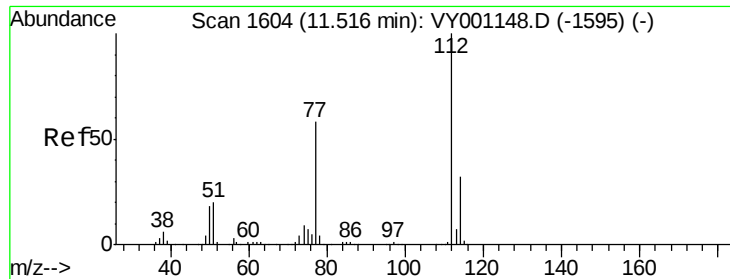
Tgt Ion: 95 Resp: 141311
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.2
176 70.0 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001241.D
Acq: 16 Jan 2020 00:49

Tgt Ion: 117 Resp: 278549
Ion Ratio Lower Upper
117 100
82 57.2 44.9 67.3
119 32.5 25.7 38.5

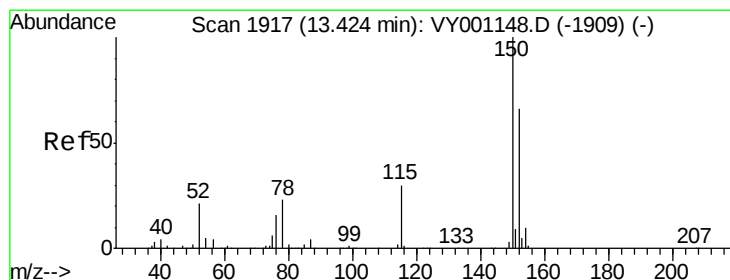
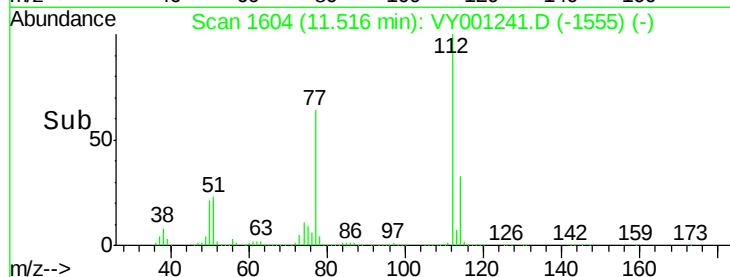
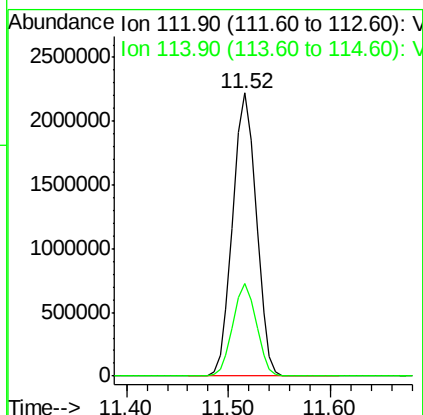
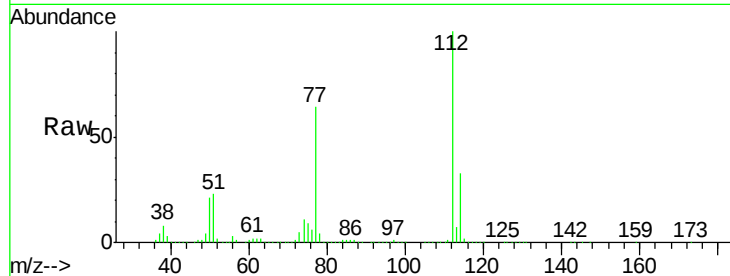




#65
Chlorobenzene
Concen: 638.312 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY001241.D
Acq: 16 Jan 2020 00:49

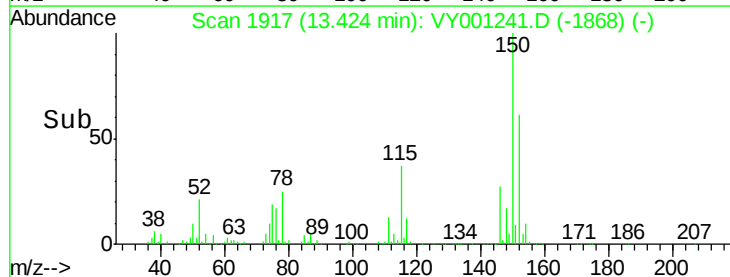
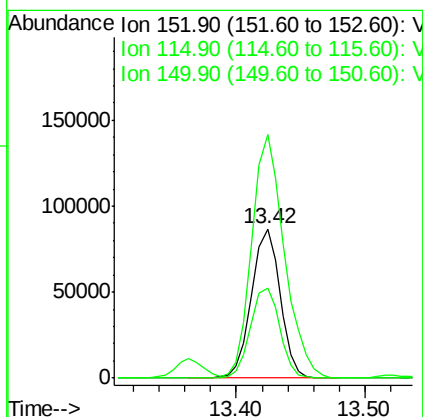
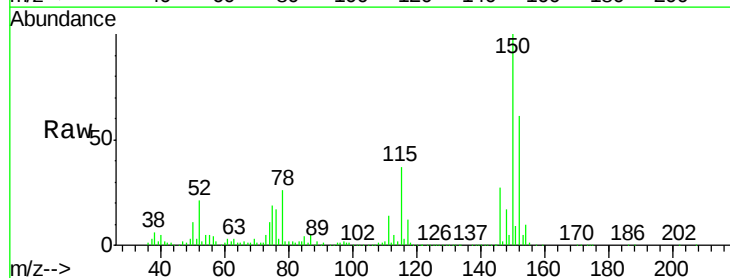
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_20-21

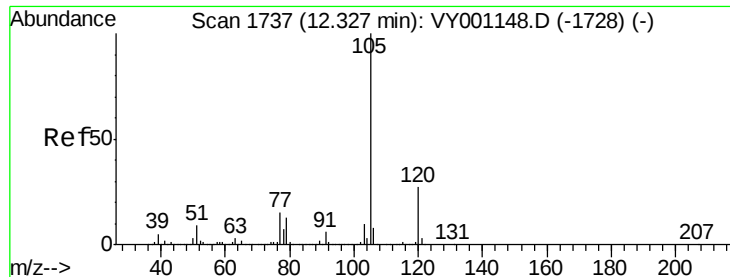
Tgt Ion:112 Resp: 3552753
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001241.D
Acq: 16 Jan 2020 00:49

Tgt Ion:152 Resp: 134042
Ion Ratio Lower Upper
152 100
115 61.0 30.9 92.5
150 183.8 0.0 346.8





#73

Isopropylbenzene

Concen: 2.076 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

Instrument :

MSVOA_Y

ClientSampleId :

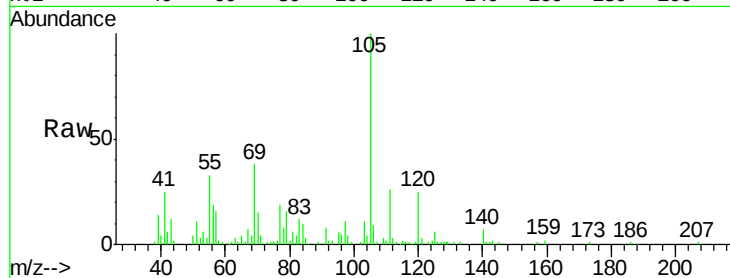
WP022SB457_200113_20-21

Tgt Ion:105 Resp: 20922

Ion Ratio Lower Upper

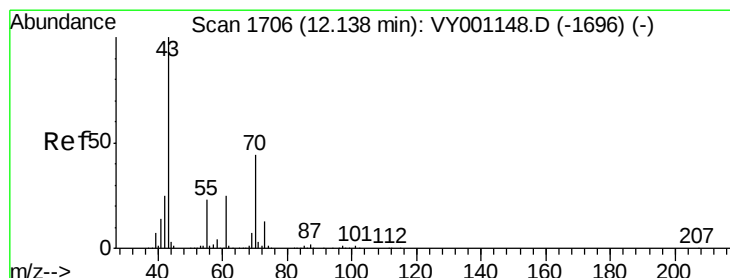
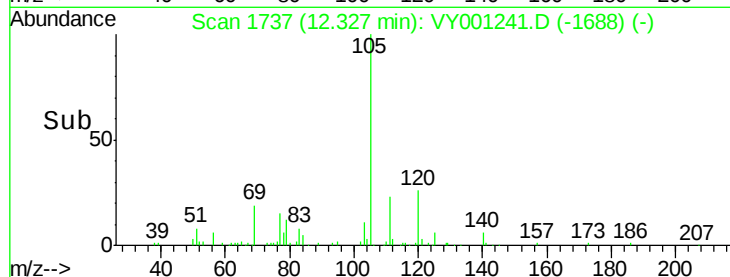
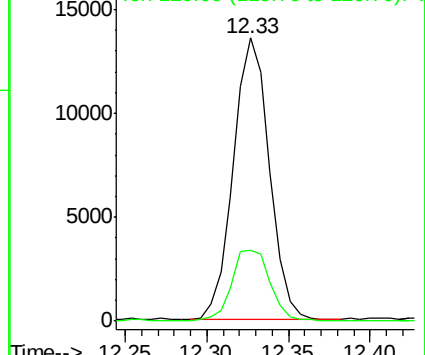
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 9.993 ug/l

RT: 12.12 min Scan# 1703

Delta R.T. -0.02 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

Tgt Ion: 43 Resp: 31427

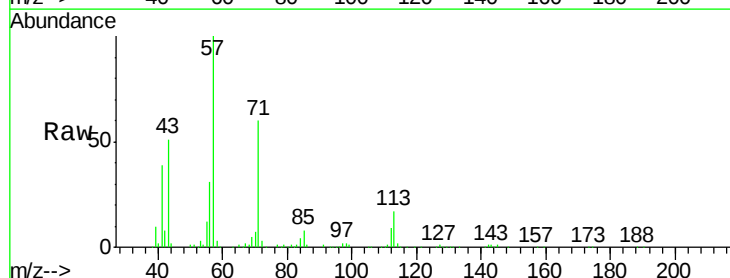
Ion Ratio Lower Upper

43 100

70 10.4 35.0 52.6#

55 0.0 18.4 27.6#

61 0.0 20.1 30.1#

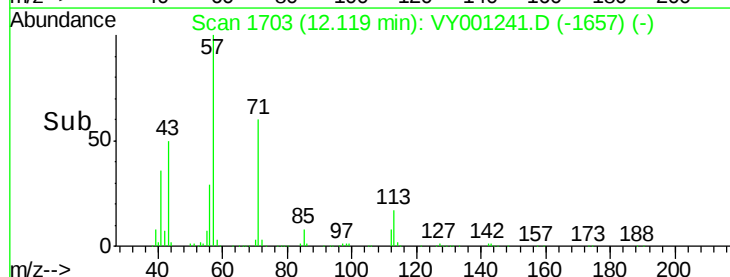
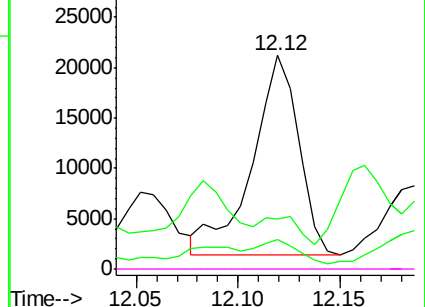


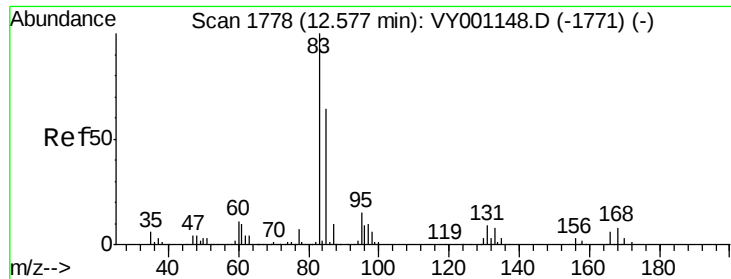
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 1.479 ug/l

RT: 12.55 min Scan# 1773

Delta R.T. -0.03 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_20-21

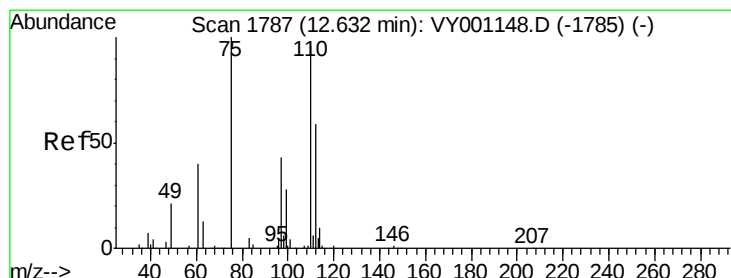
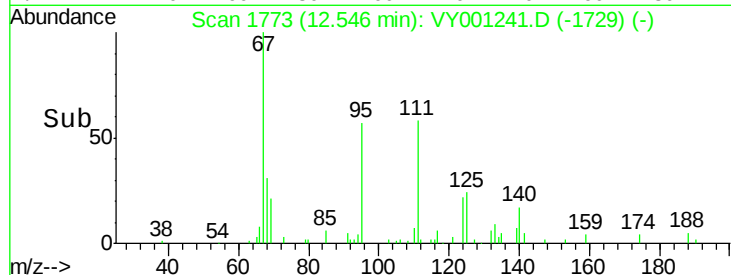
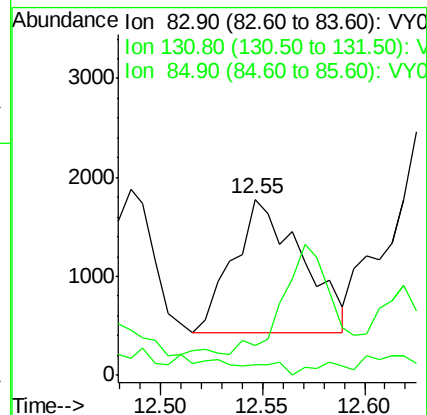
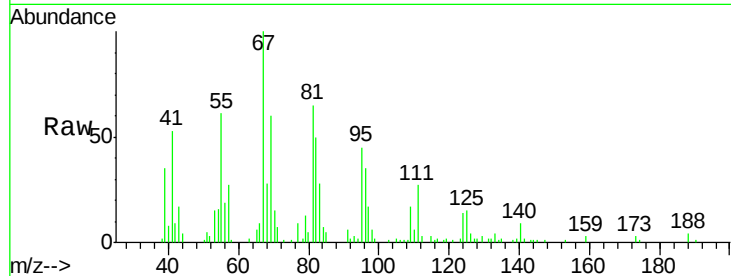
Tgt Ion: 83 Resp: 3136

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 32.2 96.6#



#76

1,2,3-Trichloropropane

Concen: 46.779 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001241.D

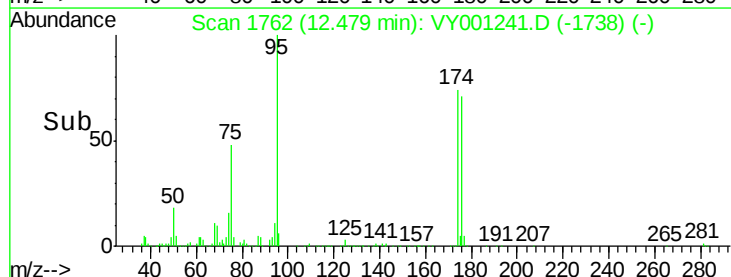
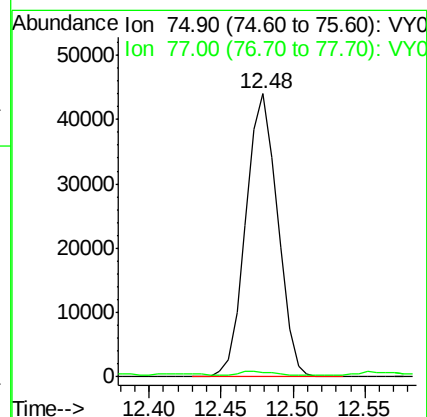
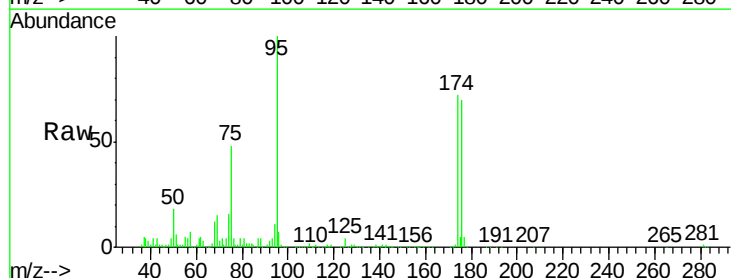
Acq: 16 Jan 2020 00:49

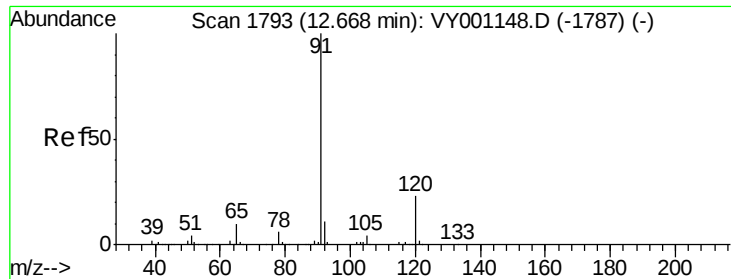
Tgt Ion: 75 Resp: 67124

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#





#78

n-propylbenzene

Concen: 2.318 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

Instrument :

MSVOA_Y

ClientSampleId :

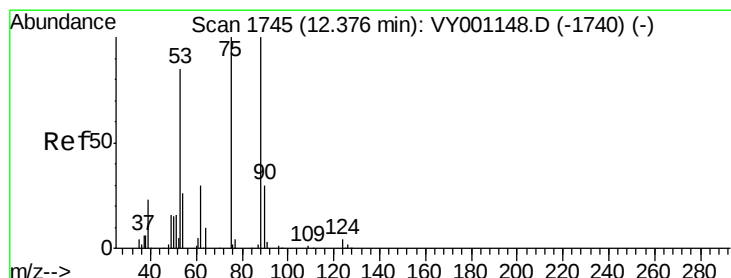
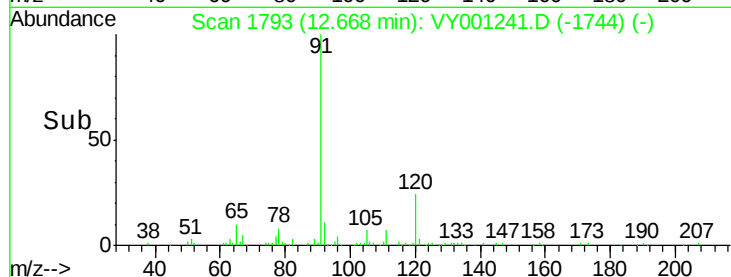
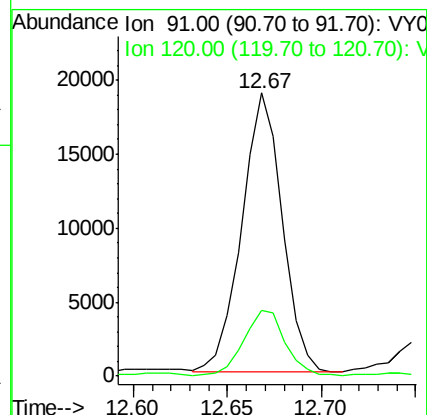
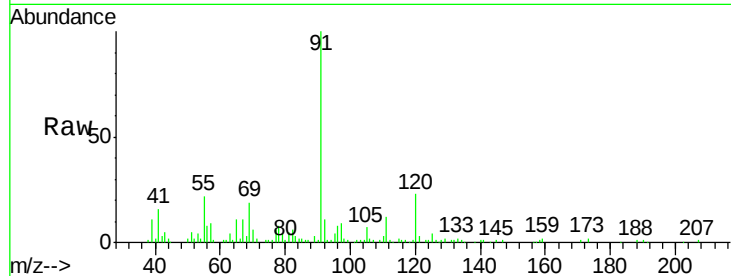
WP022SB457_200113_20-21

Tgt Ion: 91 Resp: 28091

Ion Ratio Lower Upper

91 100

120 24.3 11.5 34.4



#81

trans-1,4-Dichloro-2-butene

Concen: 79.326 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

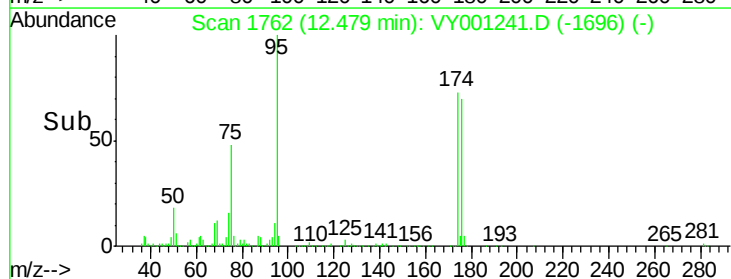
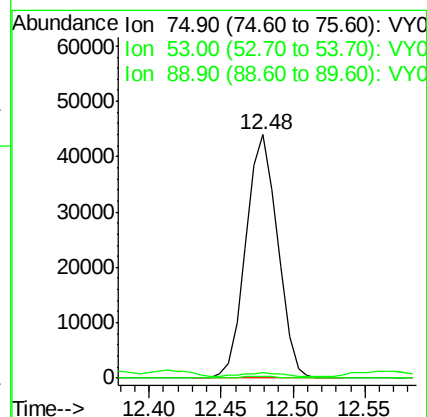
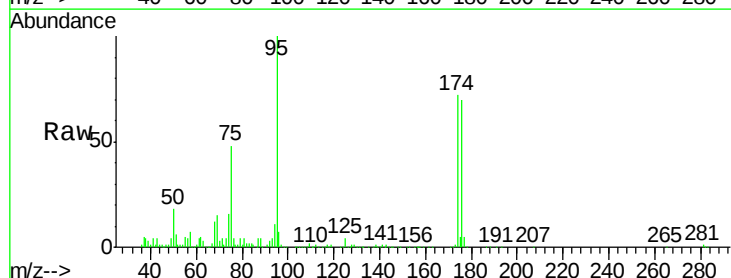
Tgt Ion: 75 Resp: 67124

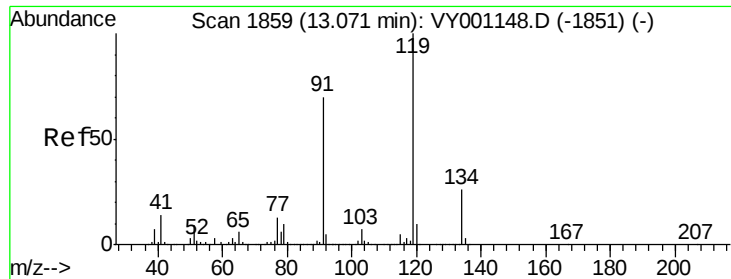
Ion Ratio Lower Upper

75 100

53 1.8 69.4 104.2#

89 0.8 0.0 0.0#

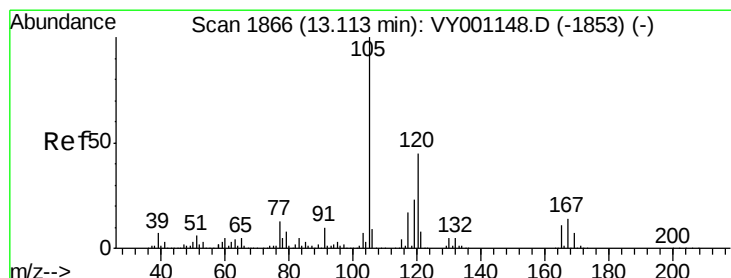
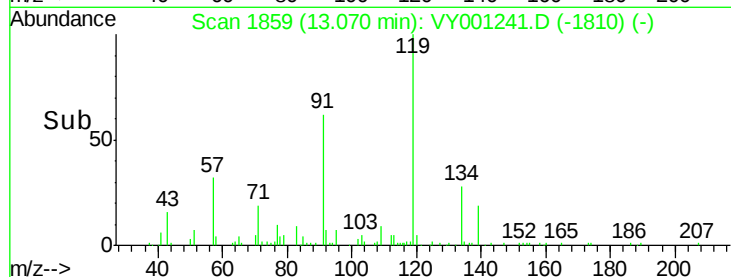
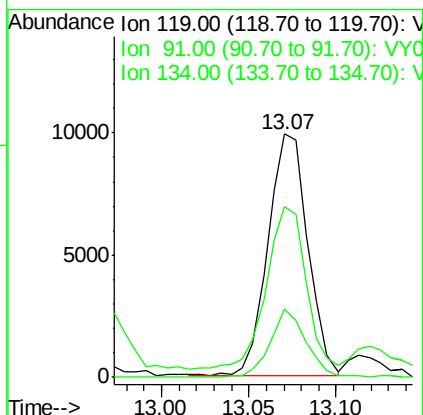
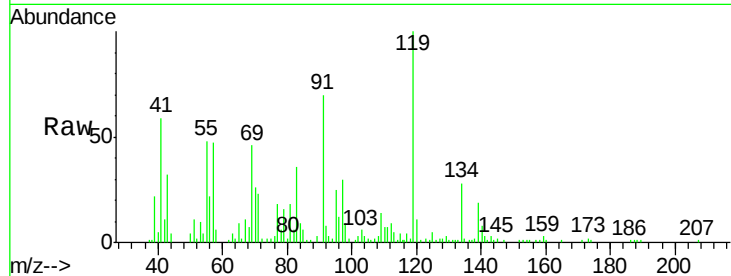




#83
tert-Butylbenzene
Concen: 2.234 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY001241.D
Acq: 16 Jan 2020 00:49

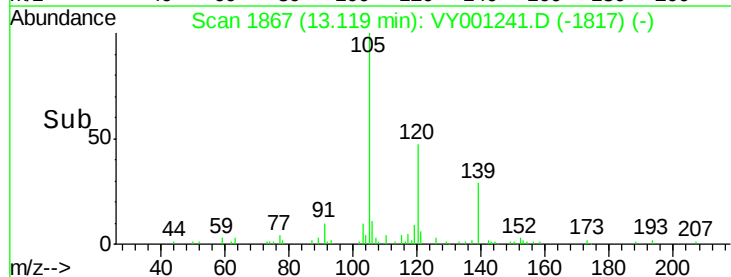
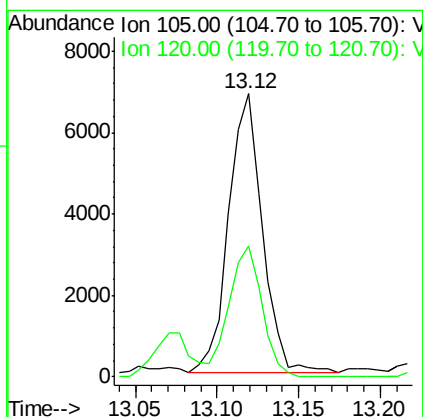
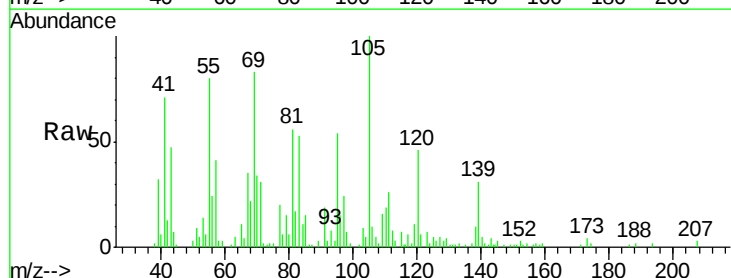
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_20-21

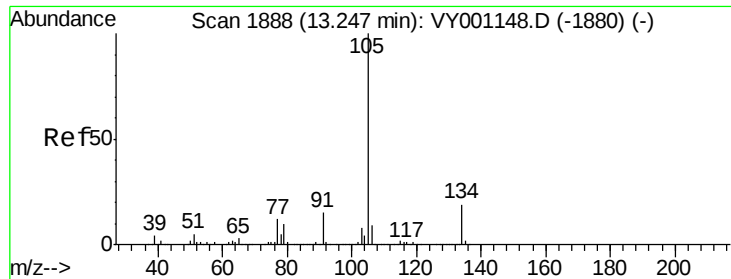
Tgt Ion:119 Resp: 15780
Ion Ratio Lower Upper
119 100
91 66.2 33.9 101.7
134 25.5 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 1.187 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001241.D
Acq: 16 Jan 2020 00:49

Tgt Ion:105 Resp: 9914
Ion Ratio Lower Upper
105 100
120 45.2 22.8 68.3





#85

sec-Butylbenzene

Concen: 4.459 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

Instrument :

MSVOA_Y

ClientSampleId :

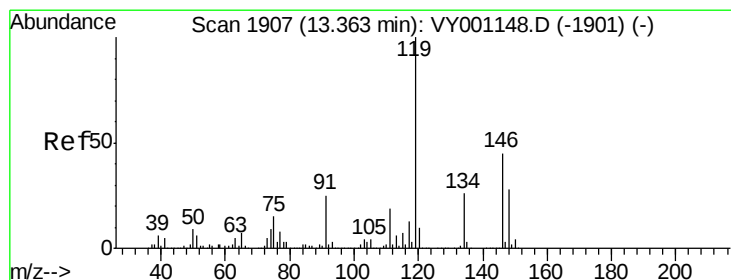
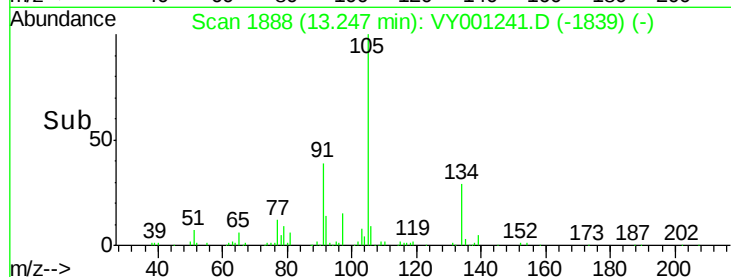
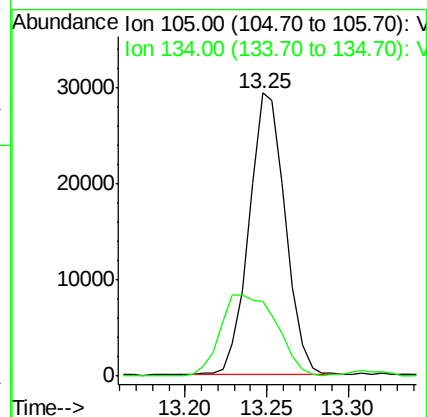
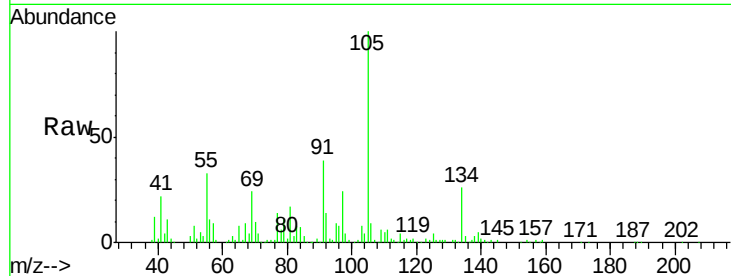
WP022SB457_200113_20-21

Tgt Ion:105 Resp: 45322

Ion Ratio Lower Upper

105 100

134 45.1 9.8 29.5#



#86

p-Isopropyltoluene

Concen: 2.351 ug/l

RT: 13.52 min Scan# 1933

Delta R.T. 0.16 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

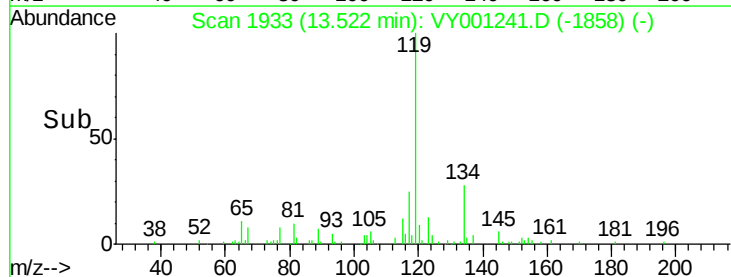
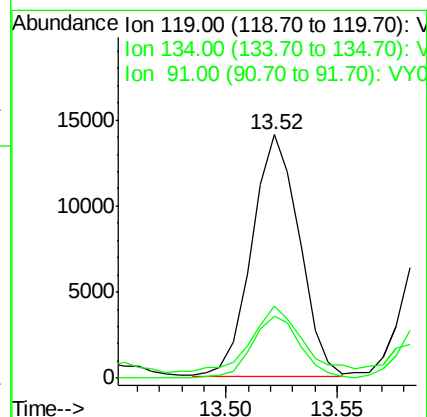
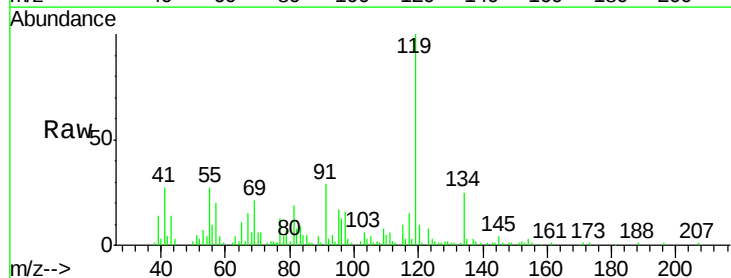
Tgt Ion:119 Resp: 20748

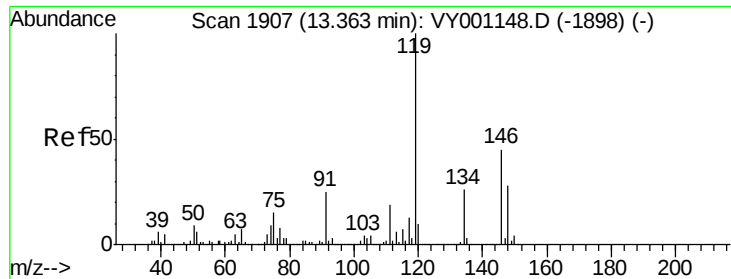
Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

91 28.1 12.4 37.2

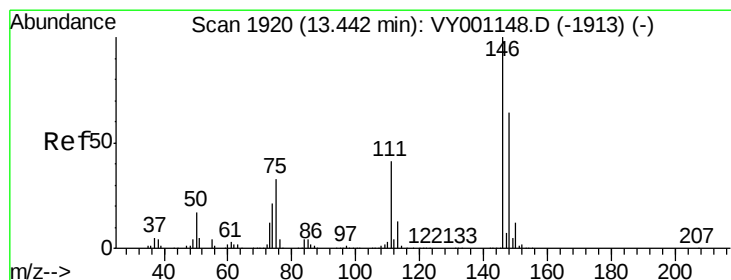
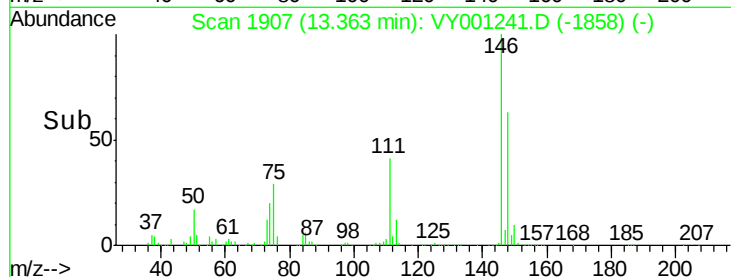
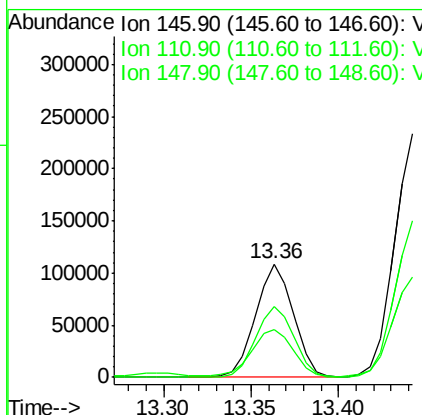
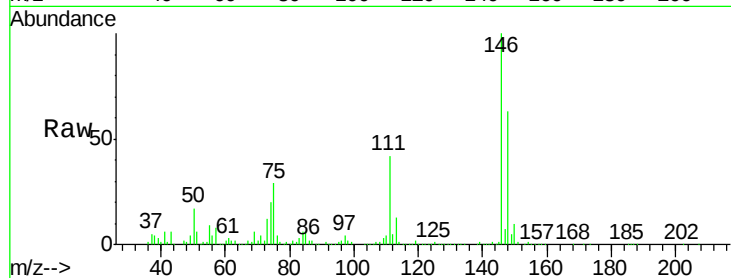




#87
 1,3-Dichlorobenzene
 Concen: 38.674 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY001241.D
 Acq: 16 Jan 2020 00:49

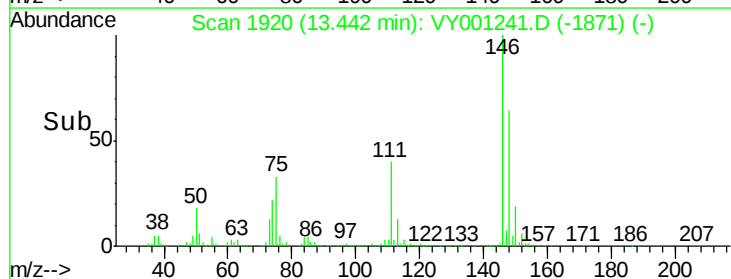
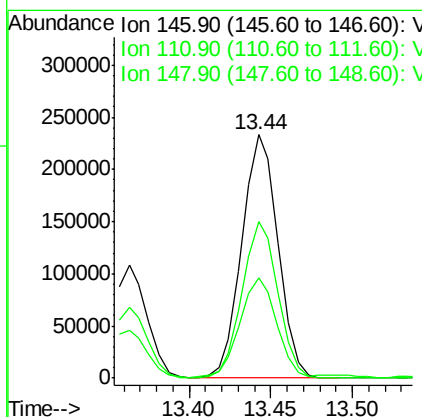
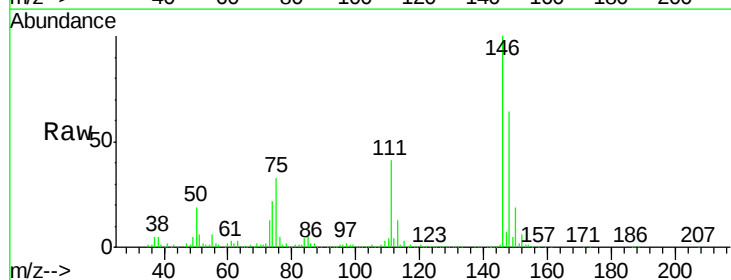
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_20-21

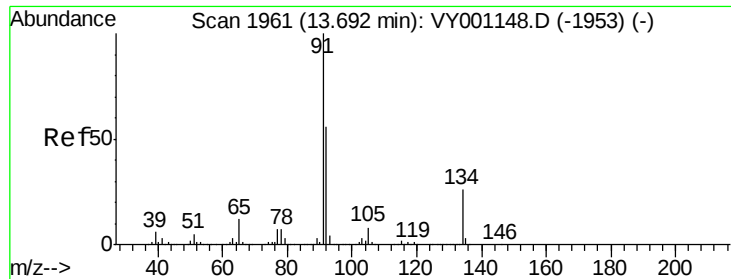
Tgt Ion:146 Resp: 162857
 Ion Ratio Lower Upper
 146 100
 111 44.9 21.3 64.0
 148 63.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 82.872 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY001241.D
 Acq: 16 Jan 2020 00:49

Tgt Ion:146 Resp: 359163
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.5
 148 63.8 32.0 96.2

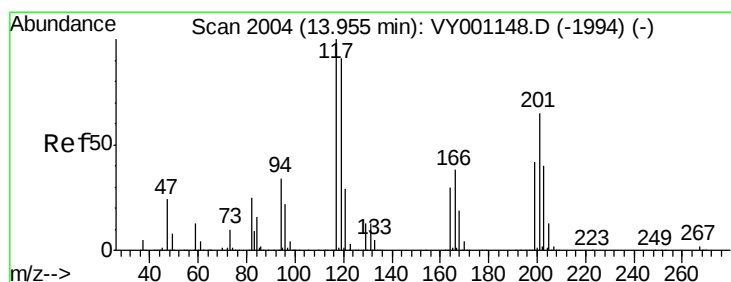
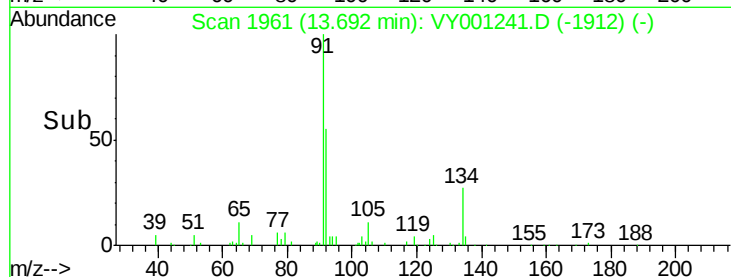
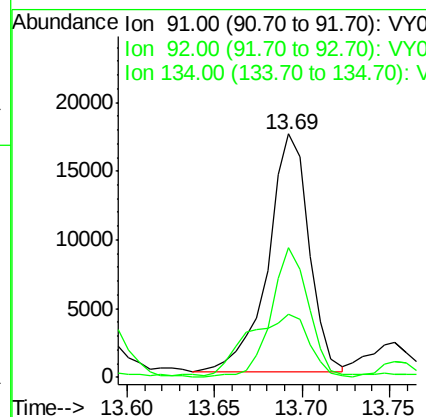
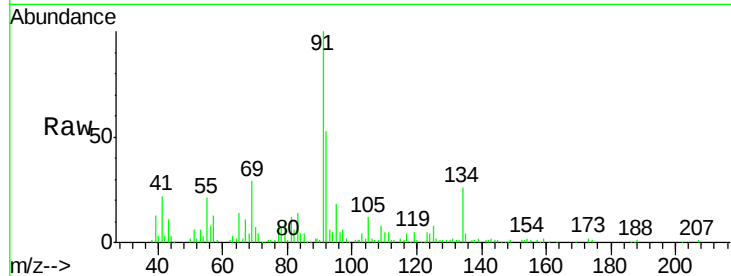




#89
n-Butylbenzene
Concen: 3.169 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001241.D
Acq: 16 Jan 2020 00:49

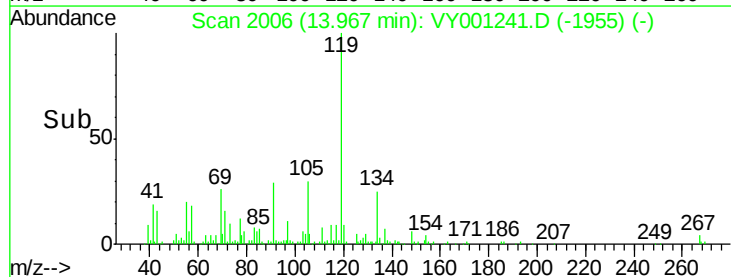
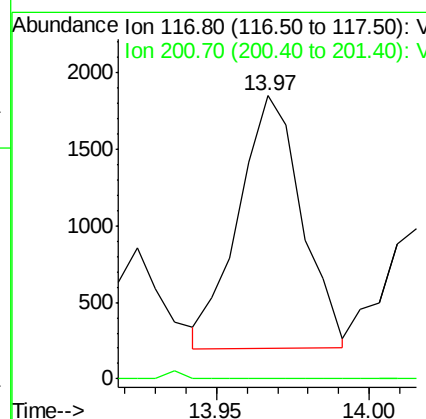
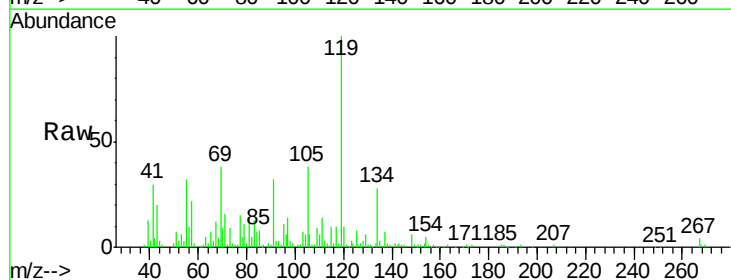
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_20-21

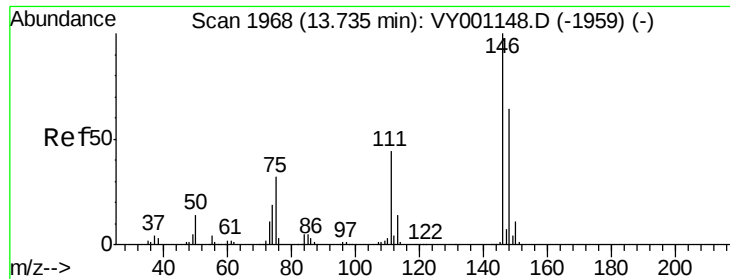
Tgt Ion: 91 Resp: 28165
Ion Ratio Lower Upper
91 100
92 49.9 27.7 83.1
134 39.5 12.9 38.6#



#90
Hexachloroethane
Concen: 1.376 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY001241.D
Acq: 16 Jan 2020 00:49

Tgt Ion: 117 Resp: 2372
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.2#





#91

1,2-Dichlorobenzene

Concen: 43.265 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

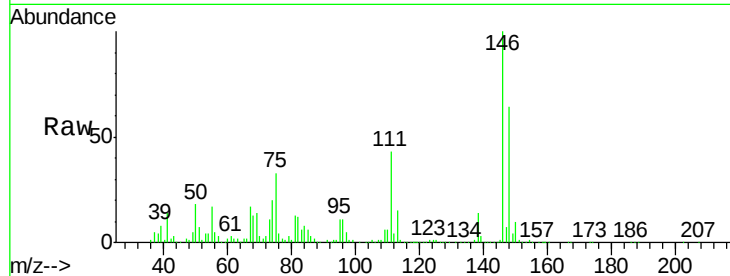
Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_20-21

Tgt Ion:	146	Resp:	169323
Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.0	66.0
148	63.2	32.1	96.3

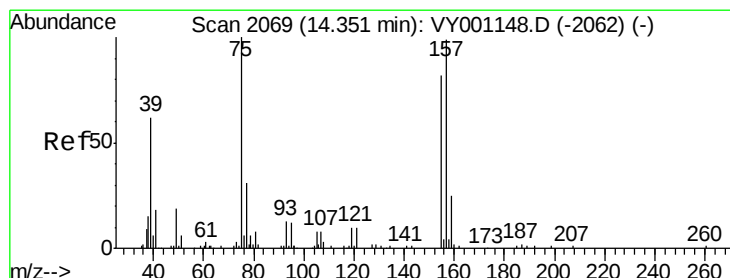
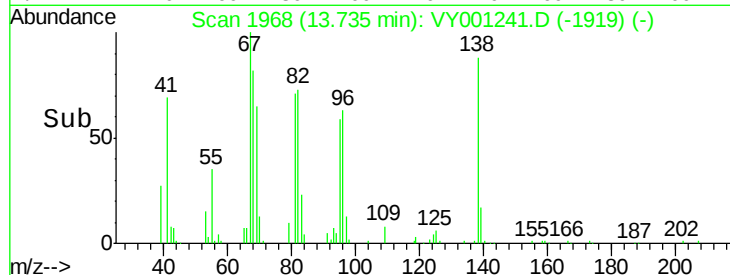
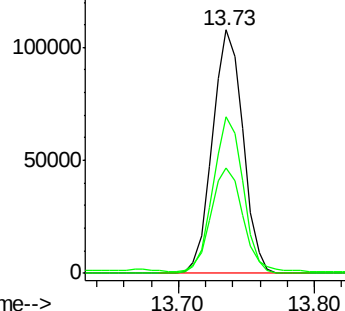


Abundance

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: 1.527 ug/l

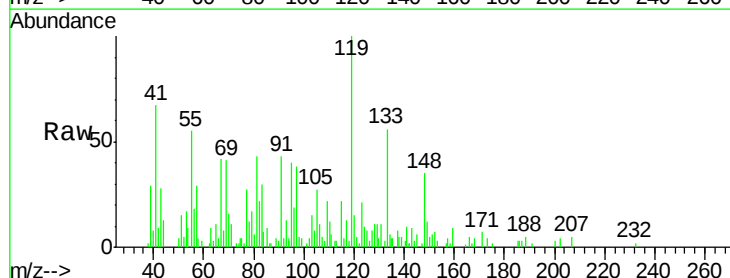
RT: 14.36 min Scan# 2071

Delta R.T. 0.01 min

Lab File: VY001241.D

Acq: 16 Jan 2020 00:49

Tgt Ion:	75	Resp:	584
Ion	Ratio	Lower	Upper
75	100		
155	0.0	41.2	123.6#
157	0.0	52.8	158.4#

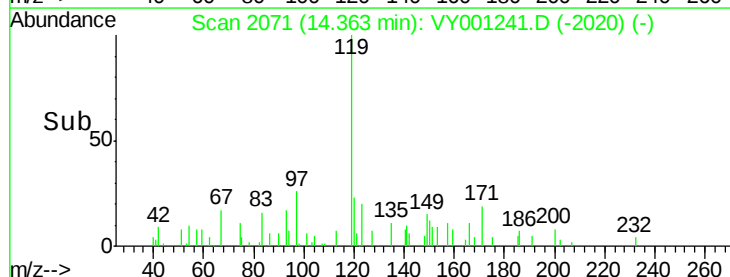
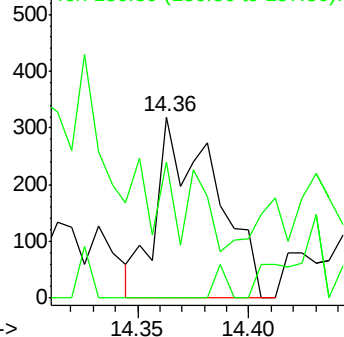


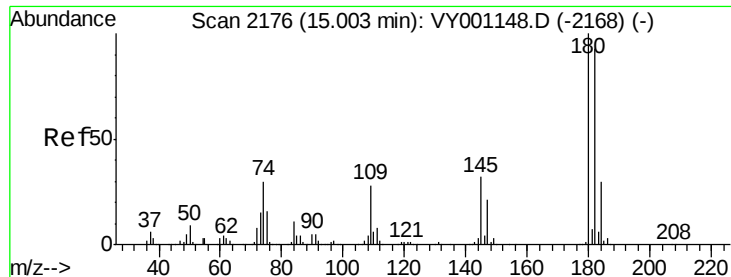
Abundance

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

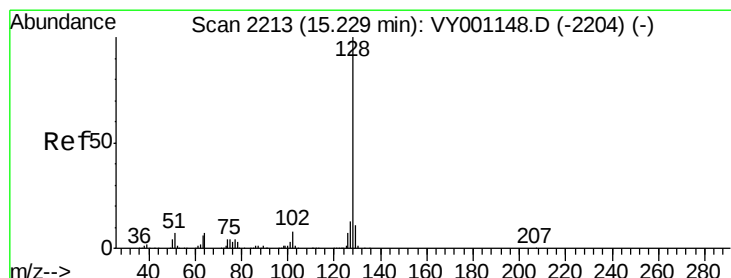
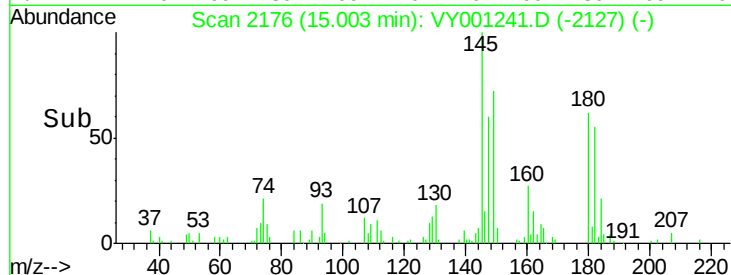
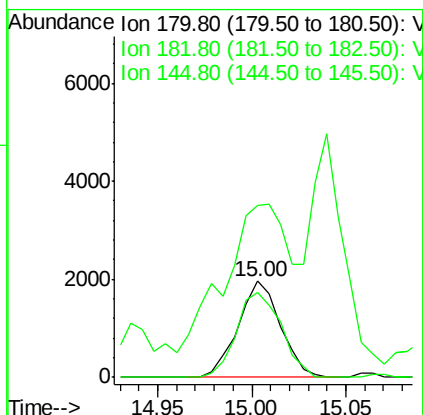
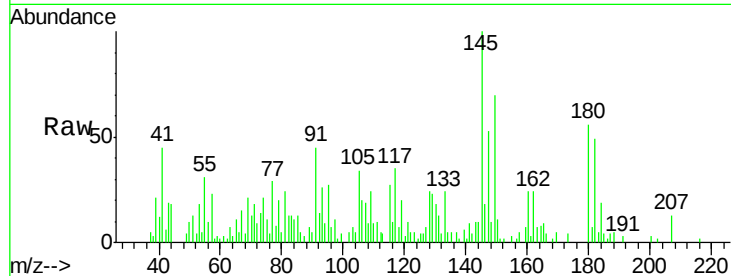




#93
 1,2,4-Trichlorobenzene
 Concen: 1.187 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY001241.D
 Acq: 16 Jan 2020 00:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_20-21

Tgt Ion:180 Resp: 3061
 Ion Ratio Lower Upper
 180 100
 182 93.3 46.9 140.8
 145 297.6 16.0 48.0#



#95
 Naphthalene
 Concen: 1.483 ug/l
 RT: 15.23 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: VY001241.D
 Acq: 16 Jan 2020 00:49

Tgt Ion:128 Resp: 8903
 Ion Ratio Lower Upper
 128 100
 127 16.4 10.2 15.4#
 129 12.2 8.5 12.7

