

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002254.D
 Acq On : 08 Apr 2020 16:56
 Operator : SY/MD
 Sample : L2135-08
 Misc : 7.84G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3K-(0-2)

Quant Time: Apr 09 01:55:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	129485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	254335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	151390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	32986	50.00	ug/l	0.12

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	76293	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
35) Dibromofluoromethane	7.73	113	76477	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
50) Toluene-d8	10.19	98	637596	100.66	ug/l	0.00
Spiked Amount			Recovery	=	201.32%	
62) 4-Bromofluorobenzene	12.48	95	230937	110.51	ug/l	0.00
Spiked Amount			Recovery	=	221.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	22	Below Cal	#	77
16) Acetone	3.96	43	15404	40.616	ug/l #	84
17) Carbon Disulfide	4.21	76	55288	10.648	ug/l	100
20) Methylene Chloride	4.74	84	5767	3.094	ug/l	88
25) 2-Butanone	7.00	43	13272	22.113	ug/l #	71
31) Cyclohexane	7.80	56	608582	200.613	ug/l	94
36) 1,1-Dichloropropene	7.80	75	11368	4.538	ug/l #	51
37) Ethyl Acetate	7.00	43	13272	9.274	ug/l #	75
38) Carbon Tetrachloride	7.80	117	13349	6.230	ug/l #	14
39) Methylcyclohexane	9.19	83	3137906	920.803	ug/l	95
40) Benzene	8.18	78	9174	1.207	ug/l	99
43) Isopropyl Acetate	8.28	43	116282	44.551	ug/l #	51
45) 1,2-Dichloropropane	9.19	63	26810	14.216	ug/l #	1
47) Bromodichloromethane	9.47	83	37256	16.467	ug/l #	48
48) Methyl methacrylate	9.25	41	117724	100.589	ug/l #	25
51) 4-Methyl-2-Pentanone	10.18	43	273503	201.094	ug/l #	37
55) 1,1,2-Trichloroethane	10.63	97	1243126	861.127	ug/l #	19
56) Ethyl methacrylate	10.53	69	509256	247.166	ug/l #	1
59) 2-Hexanone	10.81	43	1715569	1817.474	ug/l #	25
60) Dibromochloromethane	10.91	129	4841	3.145	ug/l	62
61) 1,2-Dibromoethane	11.11	107	2548	1.854	ug/l #	2
64) Tetrachloroethene	10.72	164	2194	1.433	ug/l #	84
65) Chlorobenzene	11.42	112	23879	7.588	ug/l #	44
67) Ethyl Benzene	11.59	91	11684	2.028	ug/l #	65
68) m/p-Xylenes	11.70	106	18757	8.693	ug/l #	53
69) o-Xylene	12.03	106	10772	5.317	ug/l #	1
73) Isopropylbenzene	12.33	105	902425	348.236	ug/l	100
74) N-amyl acetate	12.13	43	1378797	1874.372	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.56	83	169112	539.385	ug/l #	94
76) 1,2,3-Trichloropropane	12.67	75	13784	35.986	ug/l #	100
77) Bromobenzene	12.60	156	2691	4.720	ug/l #	1
78) n-propylbenzene	12.67	91	2150794	667.335	ug/l	100
79) 2-Chlorotoluene	12.67	91	2150794	1227.966	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.98	105	111137	51.856	ug/l	72

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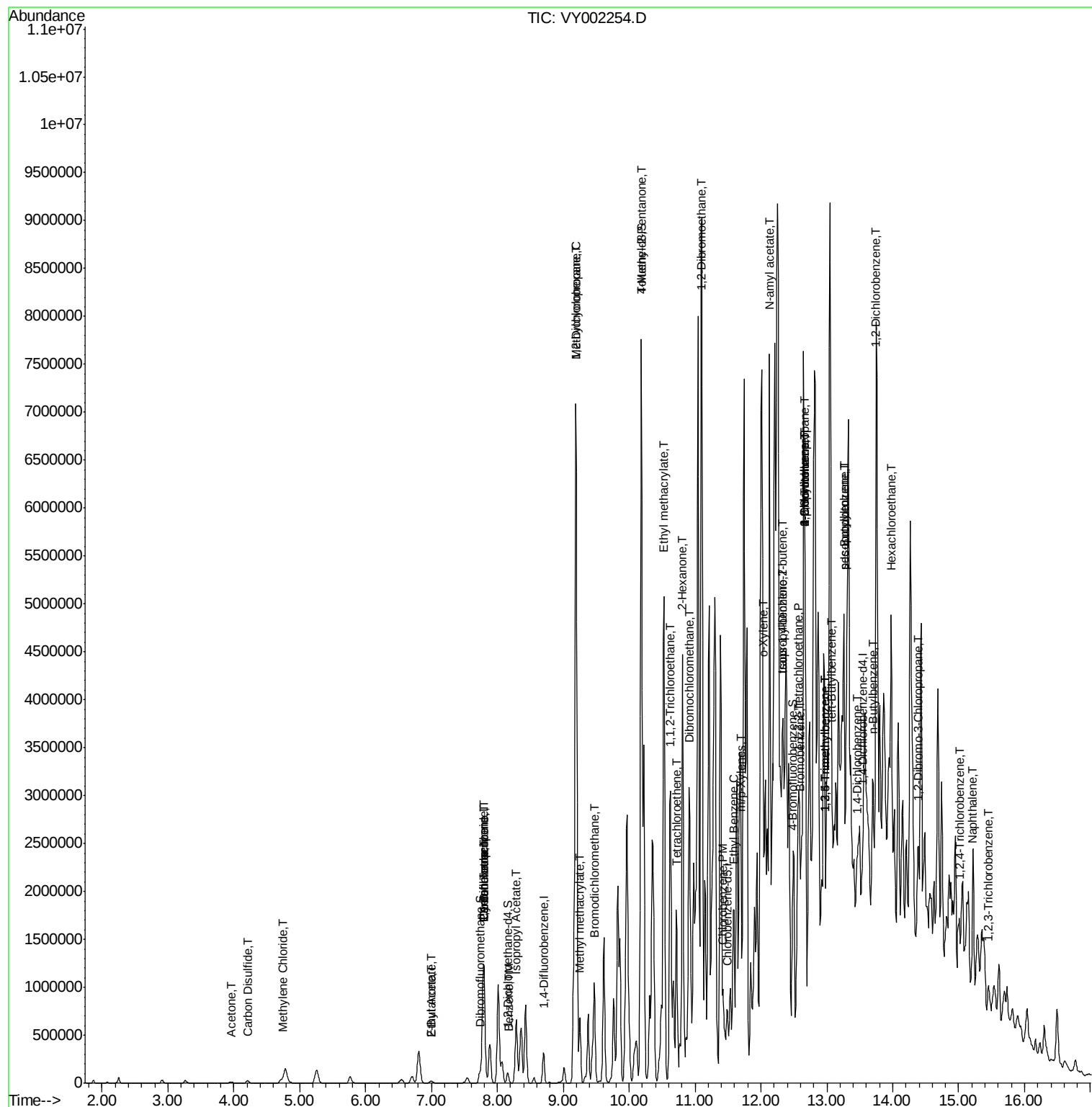
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.34	75	10578	53.713	ug/l #	5
82) 4-Chlorotoluene	12.67	91	2150794	1171.603	ug/l #	41
83) tert-Butylbenzene	13.08	119	66501	37.044	ug/l #	68
84) 1,2,4-Trimethylbenzene	12.98	105	111137	51.930	ug/l	76
85) sec-Butylbenzene	13.26	105	1153190	431.221	ug/l	82
86) p-Isopropyltoluene	13.26	119	19379	8.420	ug/l #	1
88) 1,4-Dichlorobenzene	13.45	146	1227	1.094	ug/l #	1
89) n-Butylbenzene	13.70	91	601391	254.910	ug/l	88
90) Hexachloroethane	13.98	117	96377	219.741	ug/l #	17
91) 1,2-Dichlorobenzene	13.74	146	4373	4.355	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.38	75	2943	38.811	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.02	180	2533	3.860	ug/l #	1
95) Naphthalene	15.20	128	17642	12.278	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.45	180	5840	10.249	ug/l #	13

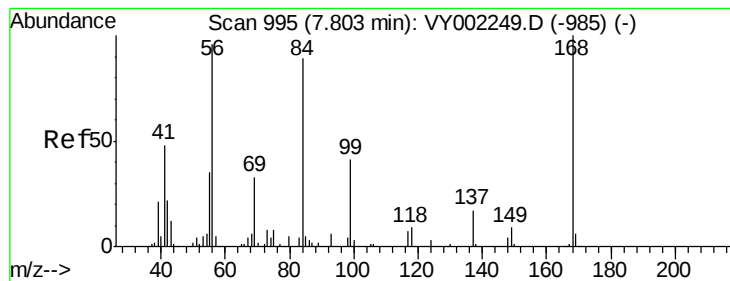
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

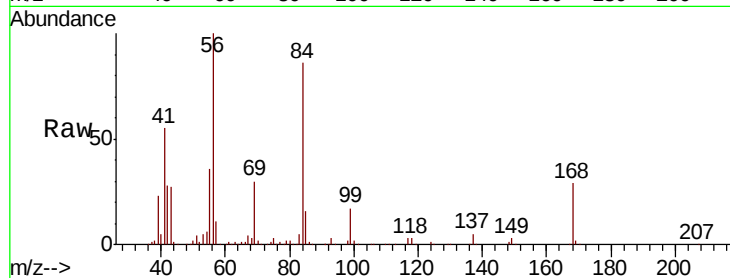
SB-3K-(0-2)

Tot Ion:168 Resp: 129485

Ion Ratio Lower Upper

168 100

99 59.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.80

60000

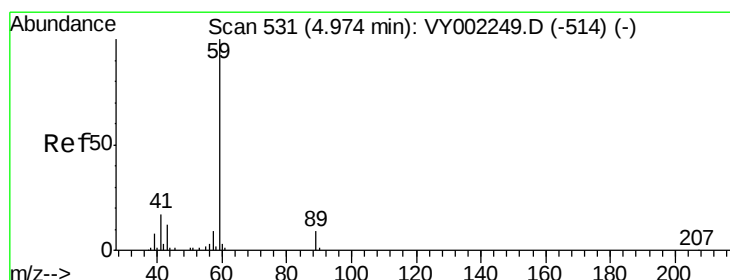
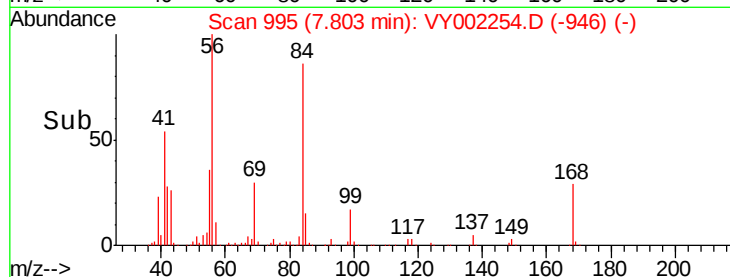
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY002254.D

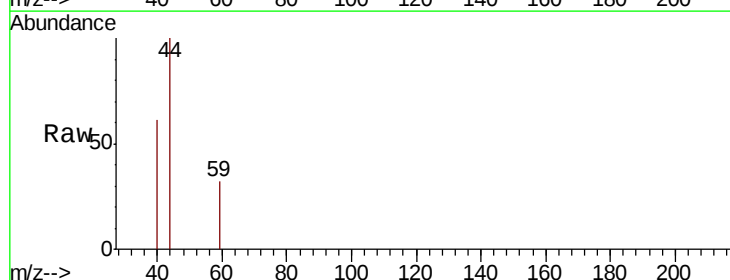
Acq: 08 Apr 2020 16:56

Tgt Ion: 59 Resp: 22

Ion Ratio Lower Upper

59 100

57 0.0 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY002249.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY002249.D (-514) (-)

4.96

60

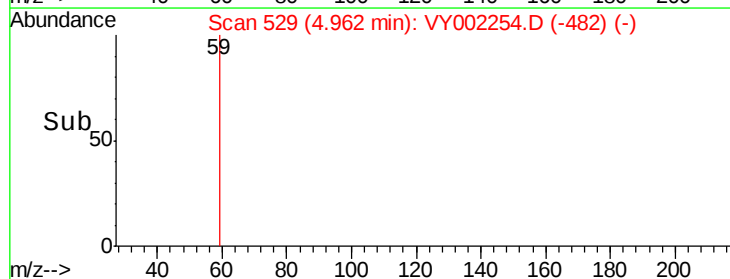
40

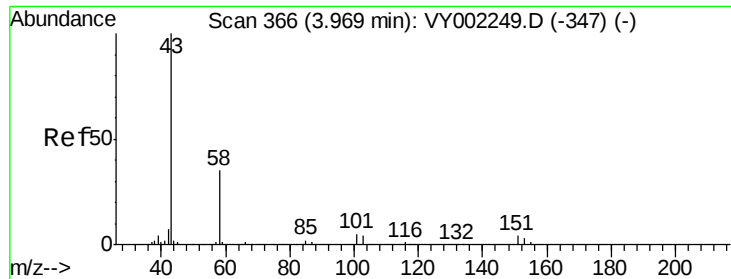
20

0

4.94 4.95 4.96 4.97 4.98

Time-->

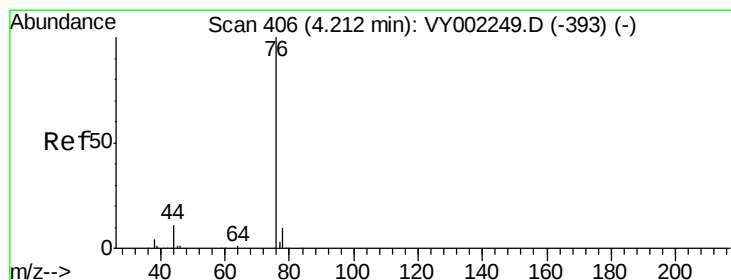
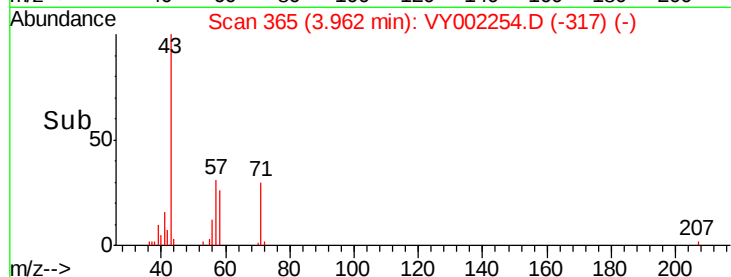
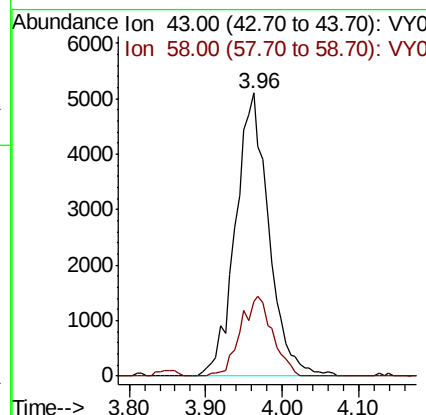
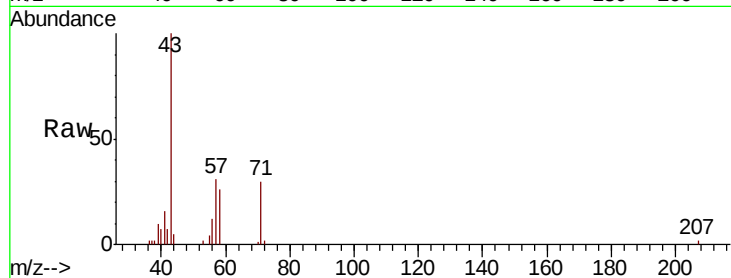




#16
Acetone
Concen: 40.616 ug/l
RT: 3.96 min Scan# 365
Delta R.T. -0.01 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

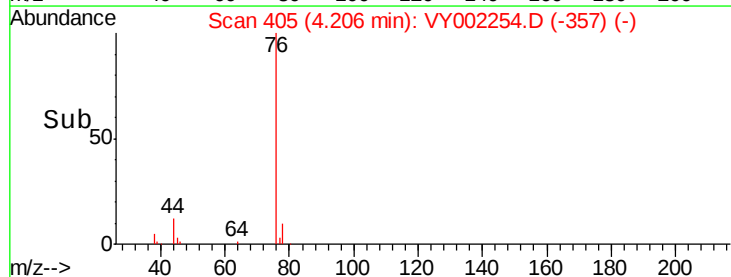
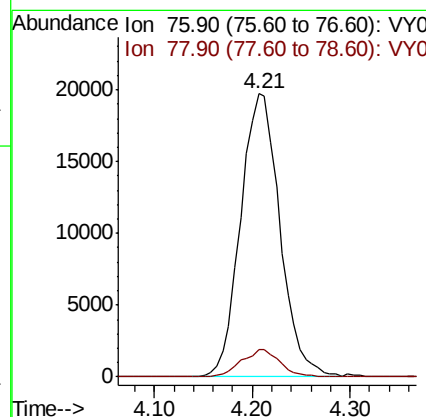
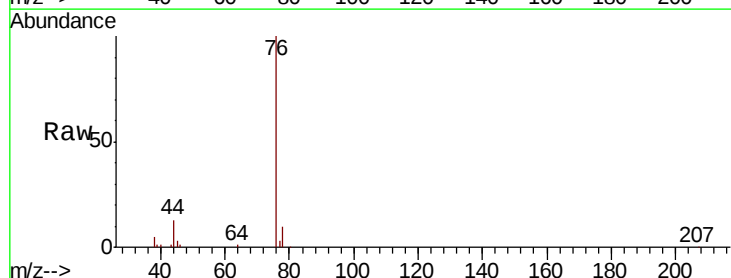
Instrument :
MSVOA_Y
ClientSampleId :
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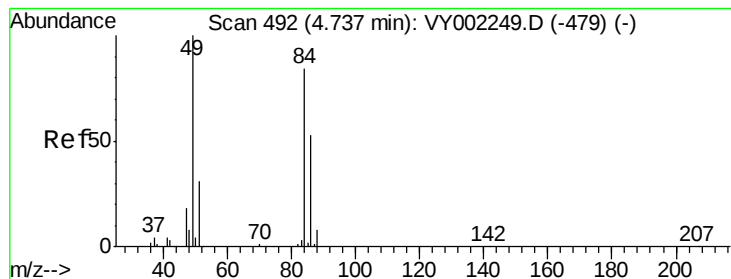
Tot Ion: 43 Resp: 15404
Ion Ratio Lower Upper
43 100
58 26.4 28.5 42.7#



#17
Carbon Disulfide
Concen: 10.648 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Tgt Ion: 76 Resp: 55288
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5





#20

Methylene Chloride

Concen: 3.094 ug/l

RT: 4.74 min Scan# 493

Delta R.T. 0.01 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

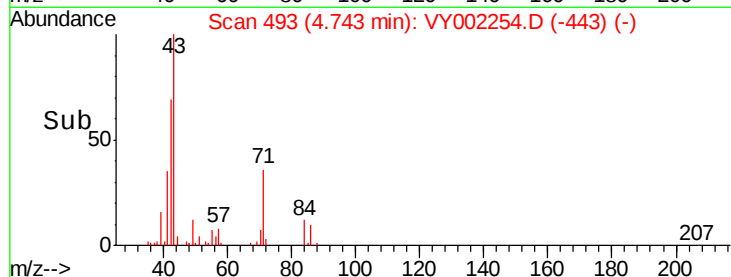
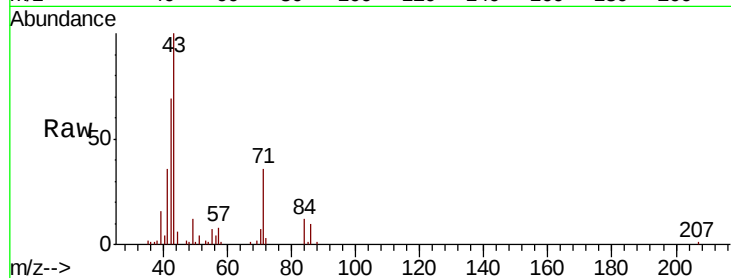
MSVOA_Y

ClientSampled :

SB-3K-(0-2)

Tot Ion: 84 Resp: 5767

Ion	Ratio	Lower	Upper
84	100		
49	101.7	95.5	143.3
51	36.1	29.5	44.3
86	71.3	50.7	76.1

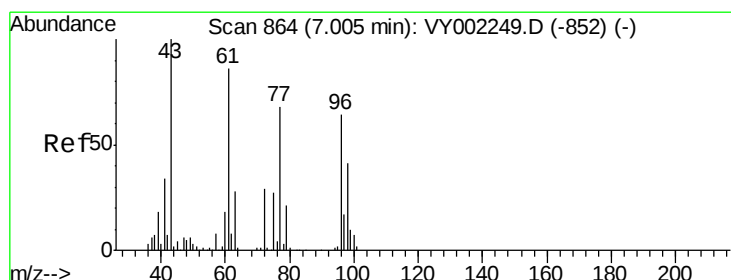
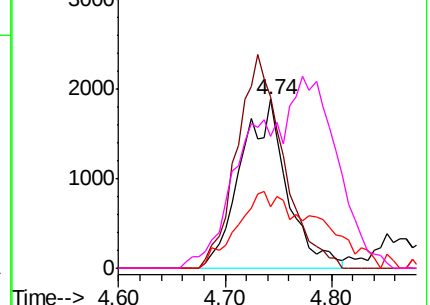


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#25

2-Butanone

Concen: 22.113 ug/l

RT: 7.00 min Scan# 864

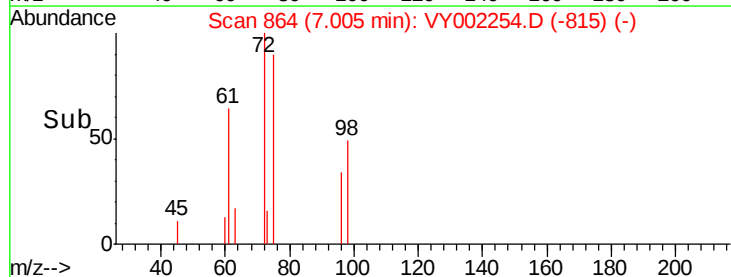
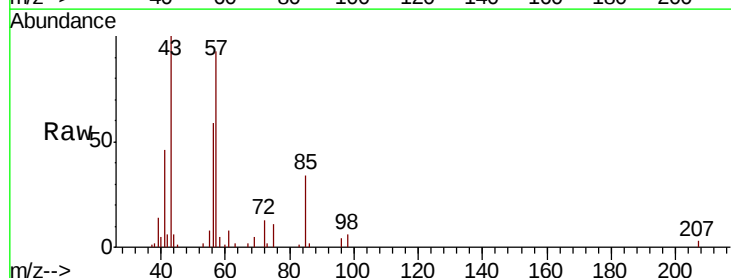
Delta R.T. -0.00 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

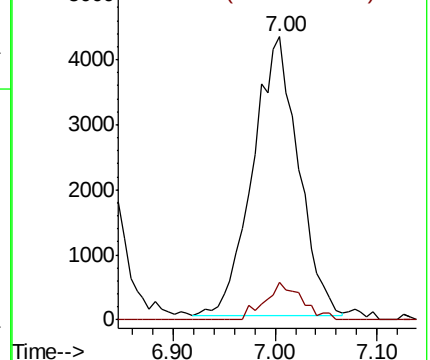
Tgt Ion: 43 Resp: 13272

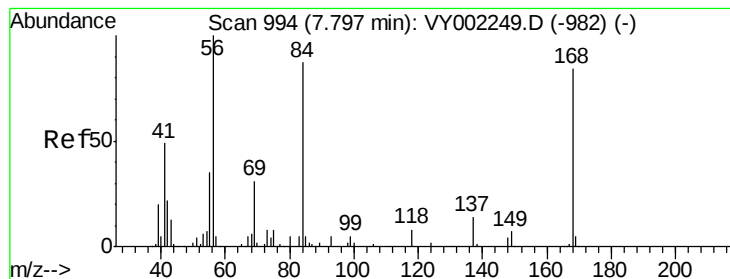
Ion	Ratio	Lower	Upper
43	100		
72	13.7	23.2	34.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0





#31

Cyclohexane

Concen: 200.613 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

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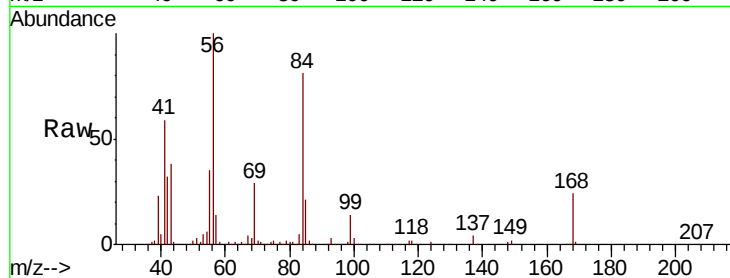
Tot Ion: 56 Resp: 608582

Ion Ratio Lower Upper

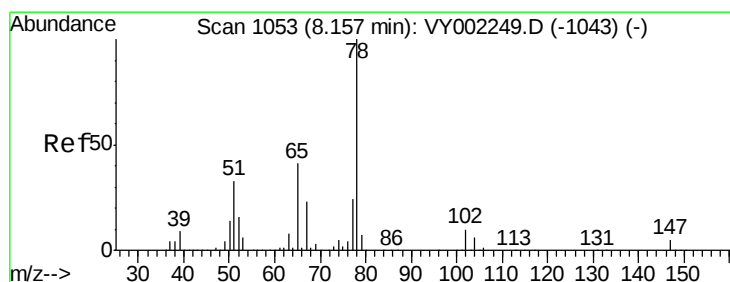
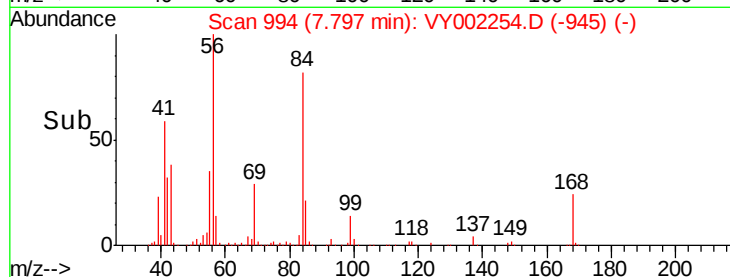
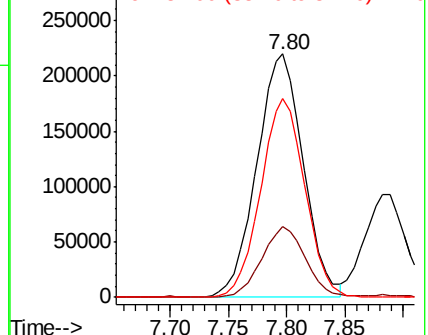
56 100

69 28.6 25.0 37.6

84 81.5 69.7 104.5



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: 52.982 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002254.D

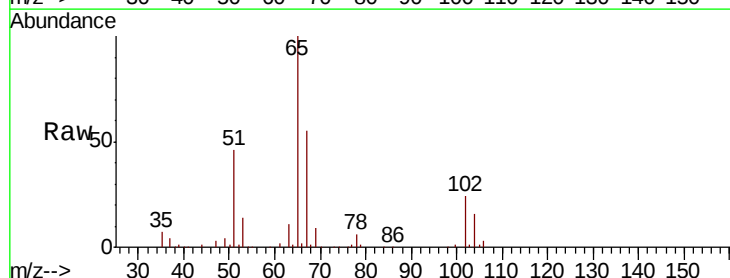
Acq: 08 Apr 2020 16:56

Tgt Ion: 65 Resp: 76293

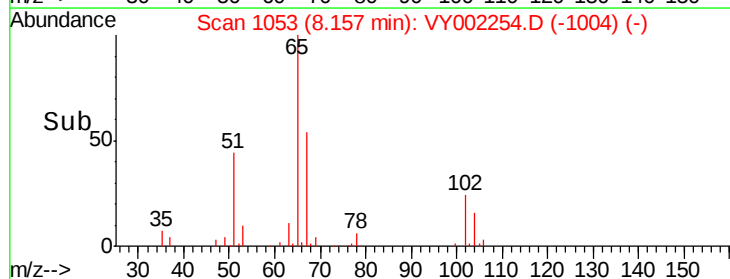
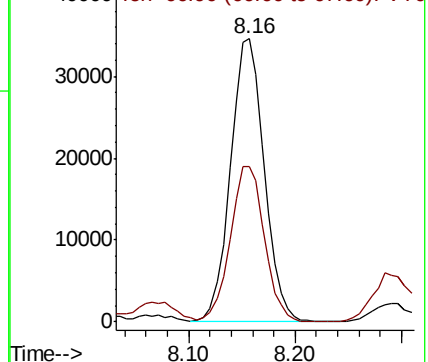
Ion Ratio Lower Upper

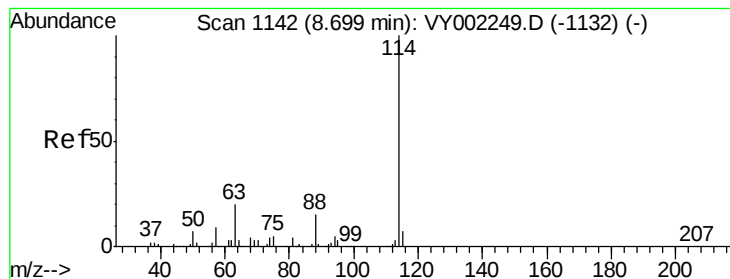
65 100

67 56.3 0.0 114.0



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. -0.00 min

Lab File: VY002254.D

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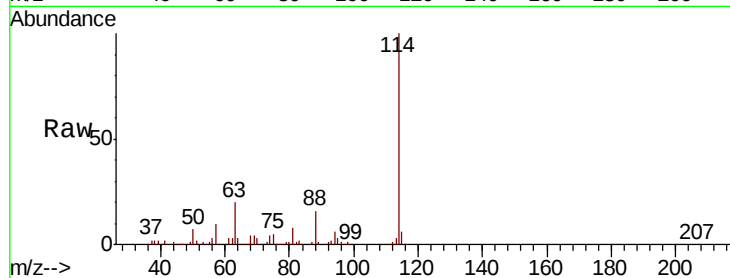
Tot Ion:114 Resp: 254335

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

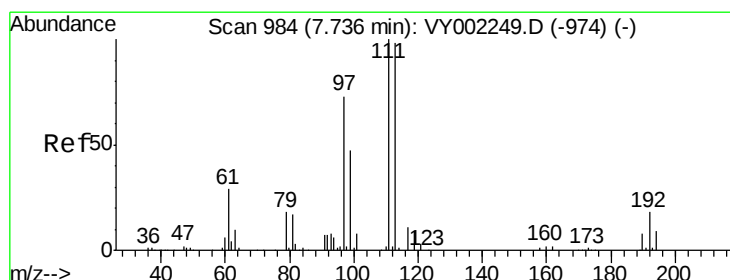
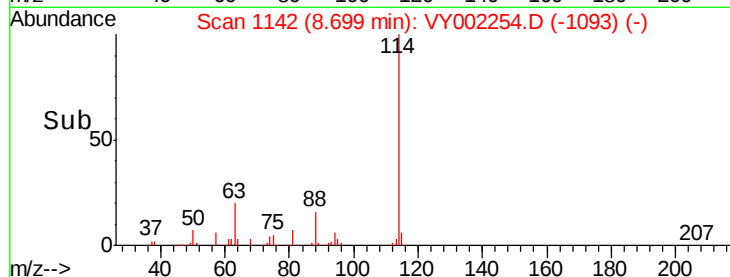
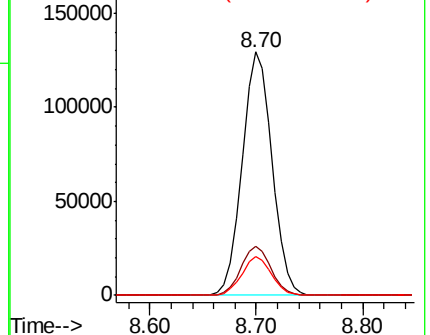
88 15.8 0.0 31.0



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: 50.534 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

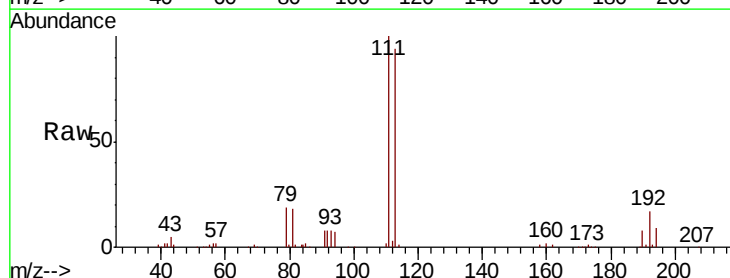
Tgt Ion:113 Resp: 76477

Ion Ratio Lower Upper

113 100

111 102.9 83.5 125.3

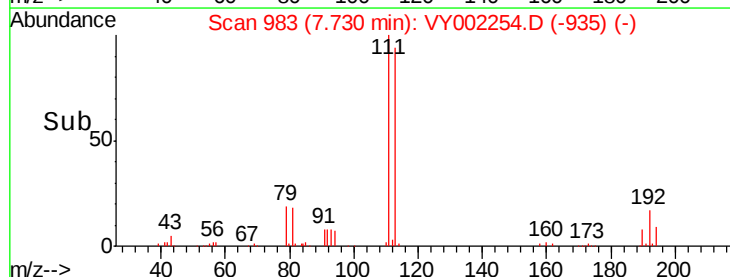
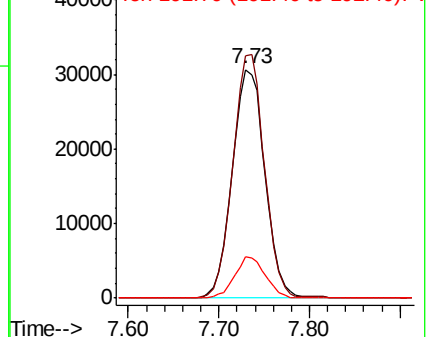
192 17.0 14.7 22.1

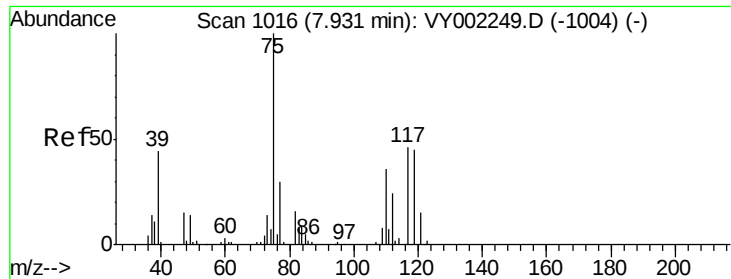


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

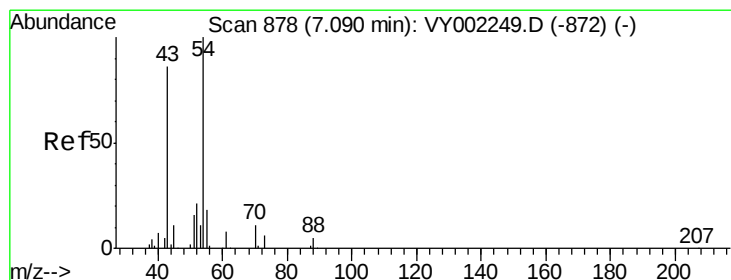
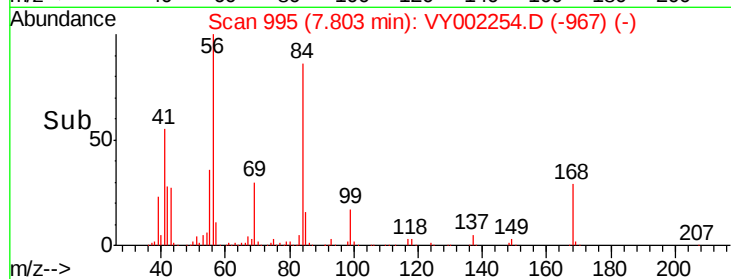
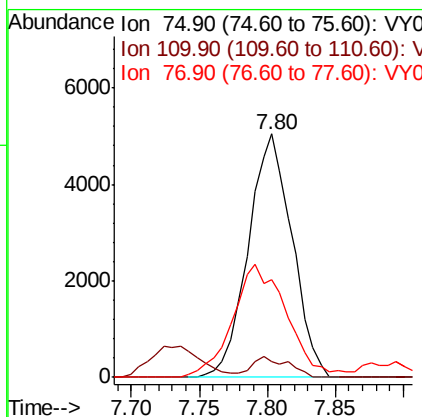
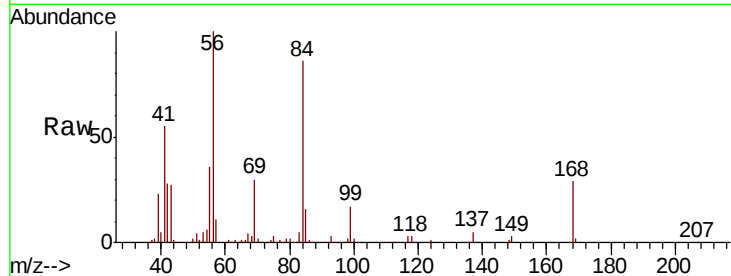




#36
 1,1-Dichloropropene
 Concen: 4.538 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002254.D
 Acq: 08 Apr 2020 16:56

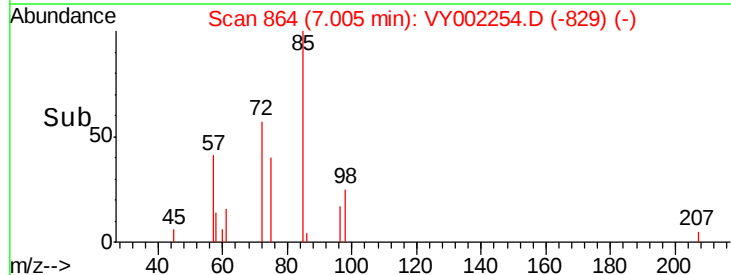
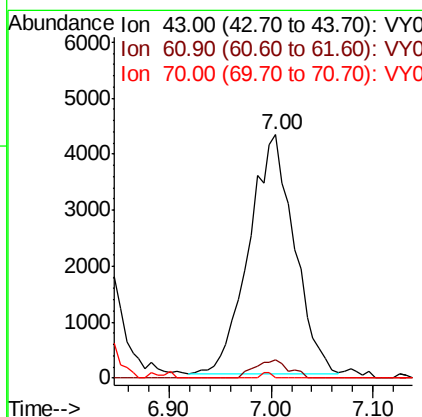
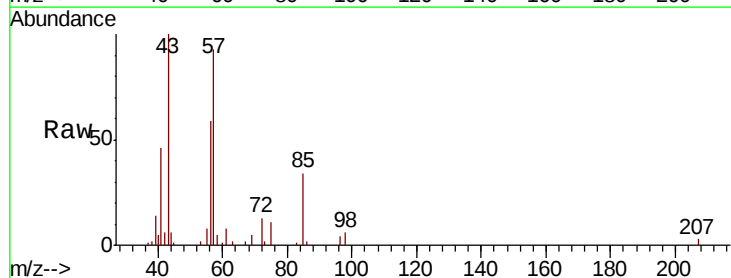
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3K-(0-2)

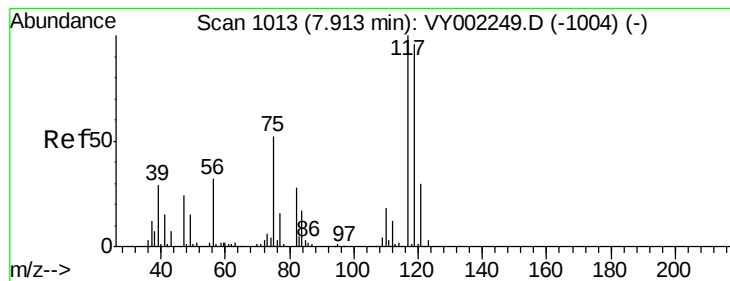
Tot Ion: 75 Resp: 11368
 Ion Ratio Lower Upper
 75 100
 110 7.2 17.8 53.3#
 77 57.4 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 9.274 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.09 min
 Lab File: VY002254.D
 Acq: 08 Apr 2020 16:56

Tgt Ion: 43 Resp: 13272
 Ion Ratio Lower Upper
 43 100
 61 5.6 11.8 17.6#
 70 0.0 9.1 13.7#





#38

Carbon Tetrachloride

Concen: 6.230 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-3K-(0-2)

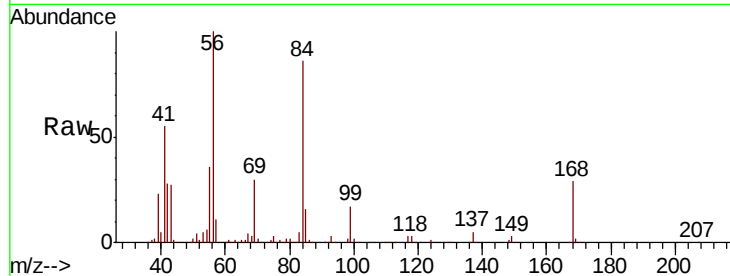
Tot Ion:117 Resp: 13349

Ion Ratio Lower Upper

117 100

119 3.3 77.1 115.7#

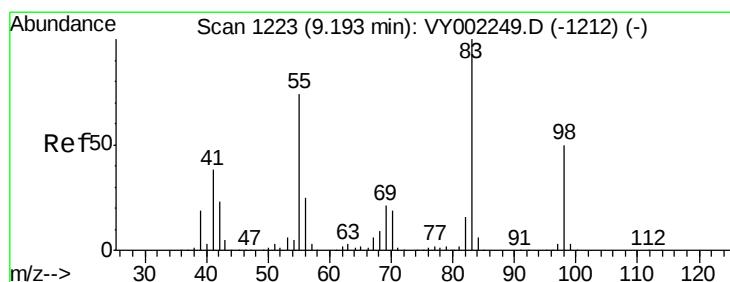
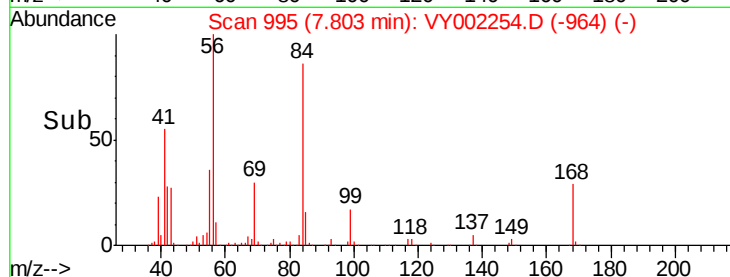
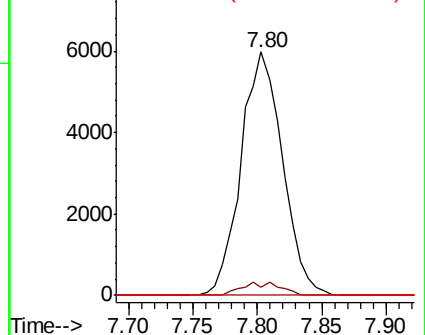
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 920.803 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

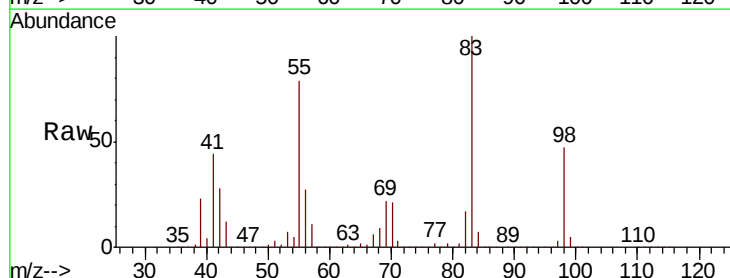
Tgt Ion: 83 Resp: 3137906

Ion Ratio Lower Upper

83 100

55 78.8 59.3 88.9

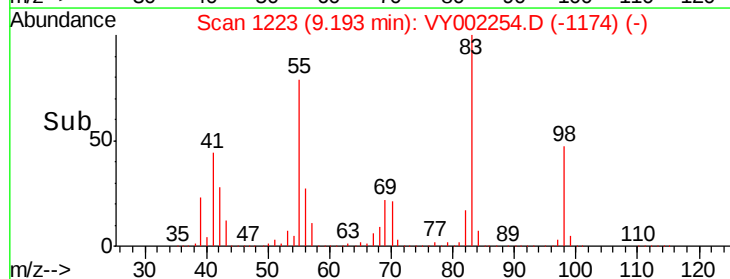
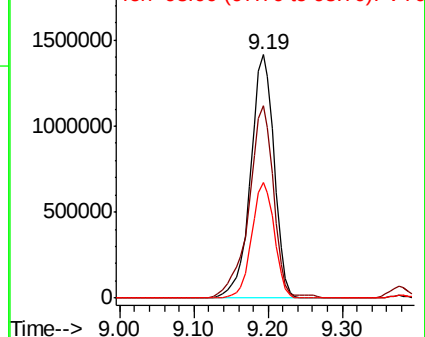
98 47.4 39.6 59.4

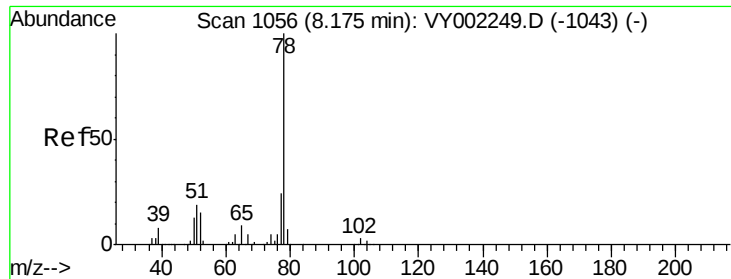


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#40

Benzene

Concen: 1.207 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

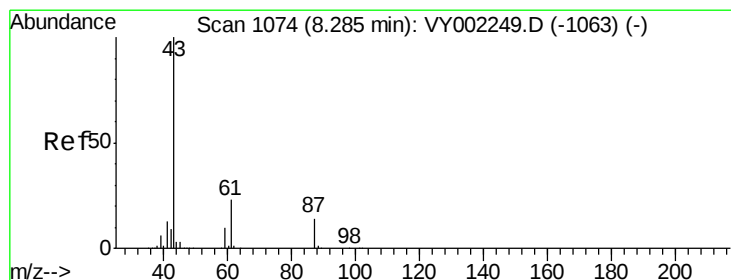
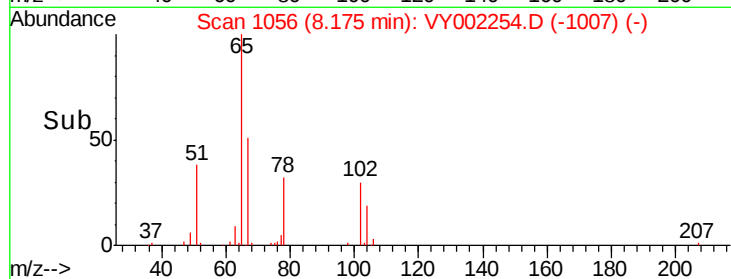
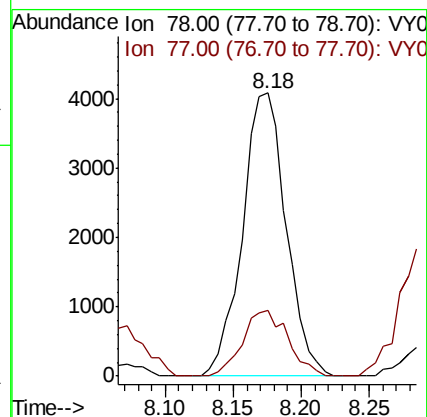
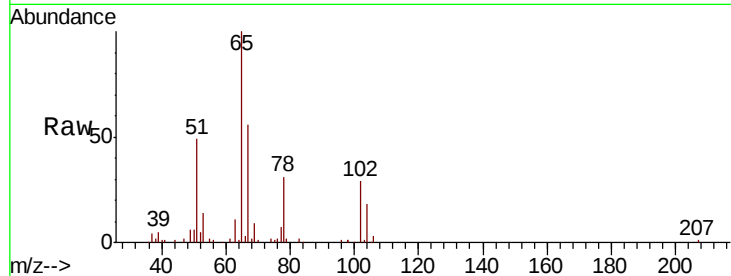
SB-3K-(0-2)

Tot Ion: 78 Resp: 9174

Ion Ratio Lower Upper

78 100

77 23.2 18.9 28.3



#43

Isopropyl Acetate

Concen: 44.551 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

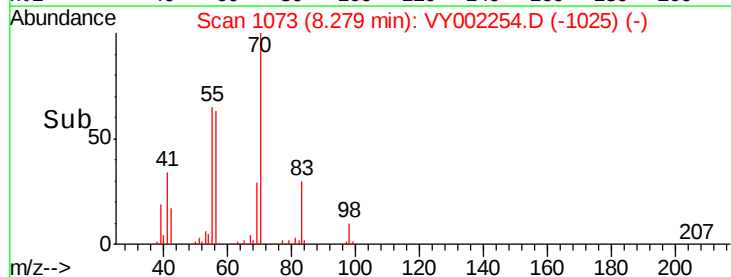
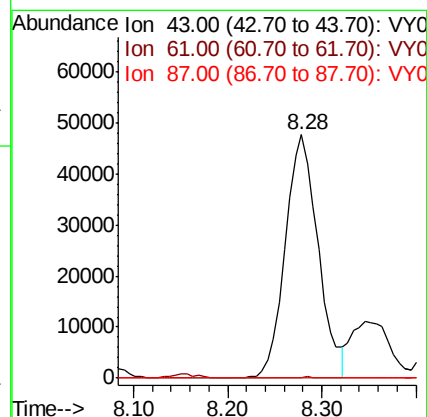
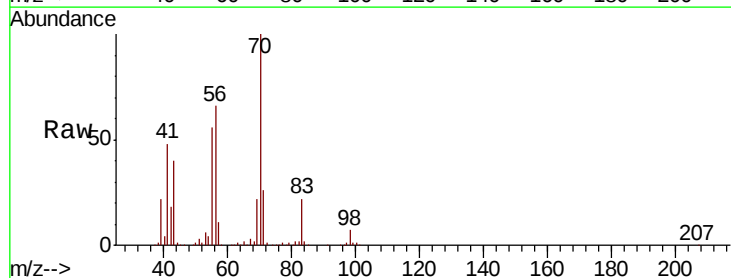
Tgt Ion: 43 Resp: 116282

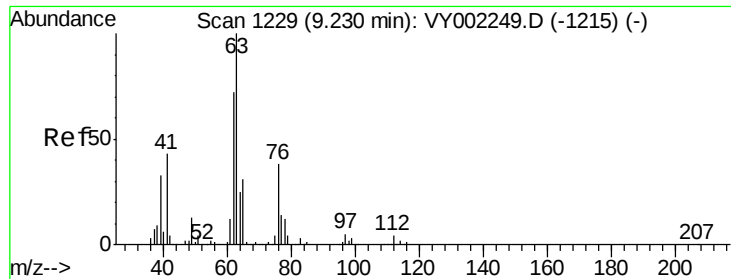
Ion Ratio Lower Upper

43 100

61 0.4 24.9 37.3#

87 0.0 11.7 17.5#





#45

1,2-Dichloropropane

Concen: 14.216 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.04 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampled :

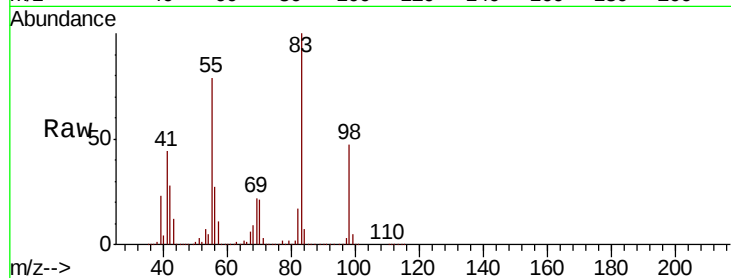
SB-3K-(0-2)

Tot Ion: 63 Resp: 26810

Ion Ratio Lower Upper

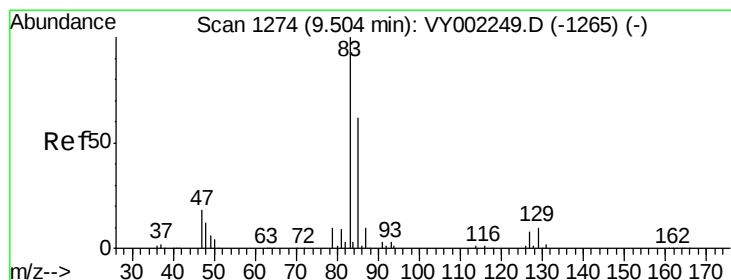
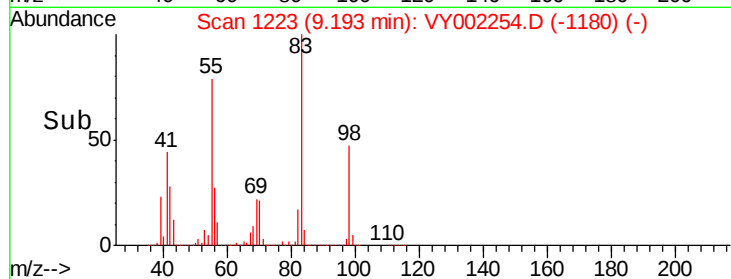
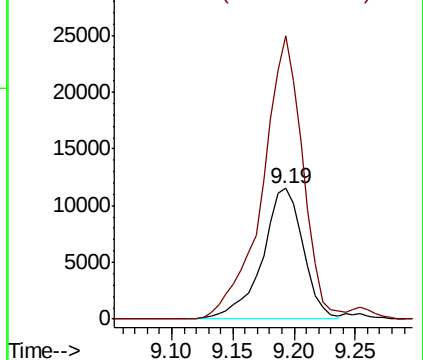
63 100

65 217.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#47

Bromodichloromethane

Concen: 16.467 ug/l

RT: 9.47 min Scan# 1269

Delta R.T. -0.03 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

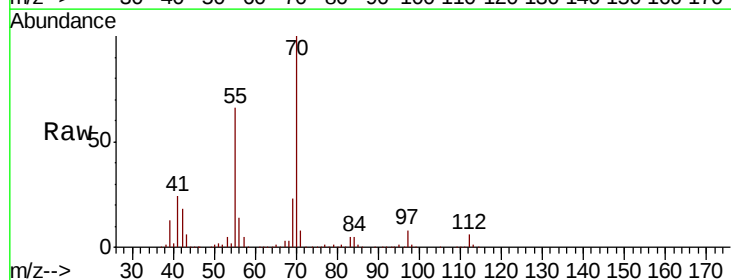
Tgt Ion: 83 Resp: 37256

Ion Ratio Lower Upper

83 100

85 19.5 49.7 74.5#

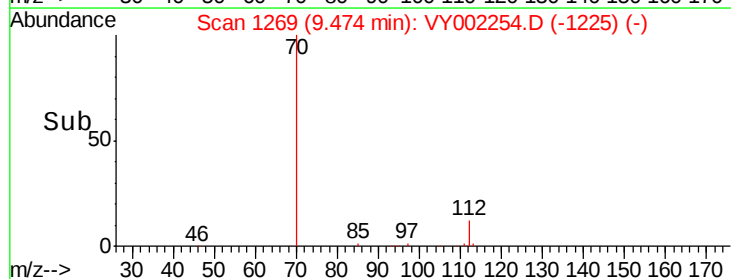
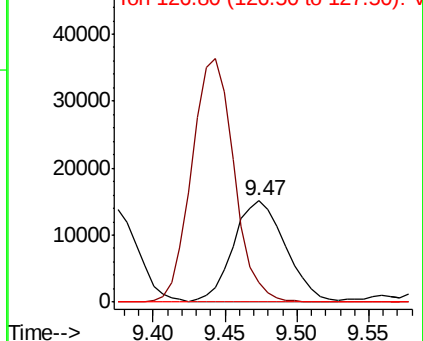
127 0.0 6.2 9.4#

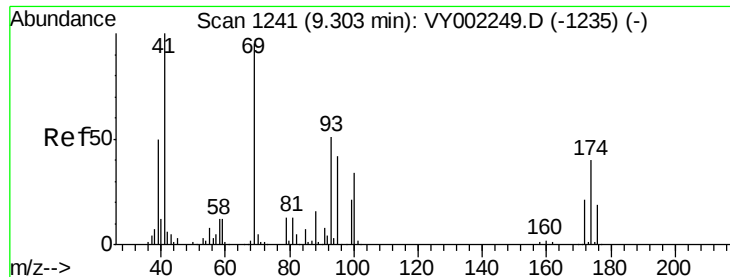


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): V

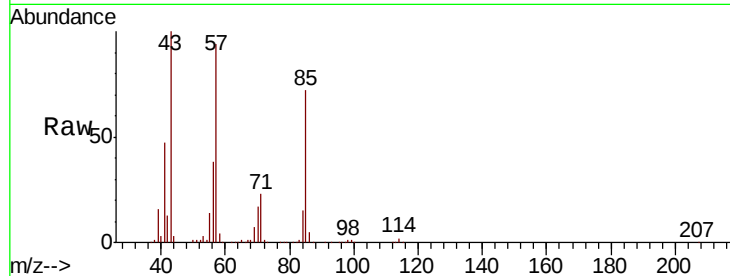




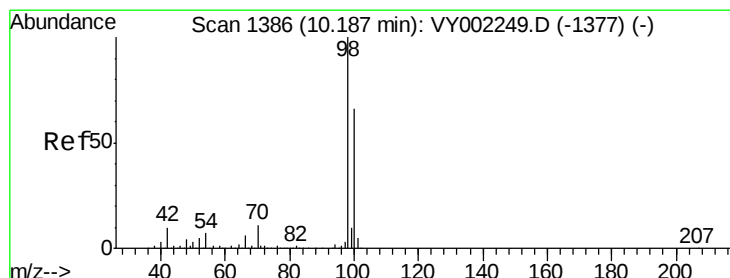
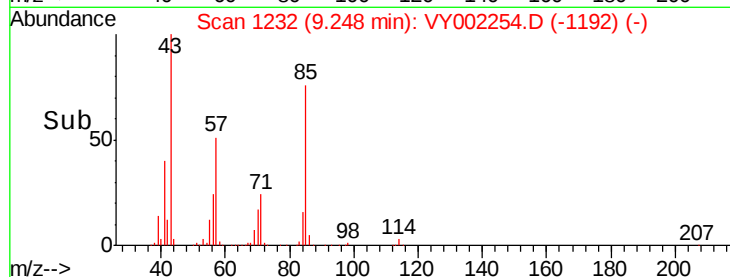
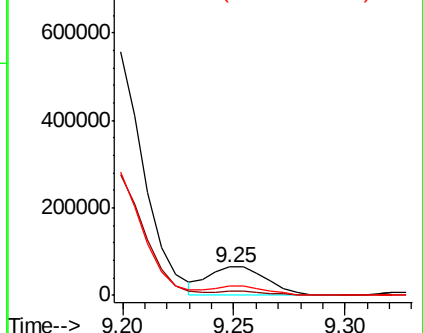
#48
Methvl methacrylate
Concen: 100.589 ug/l
RT: 9.25 min Scan# 1232
Delta R.T. -0.05 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-3K-(0-2)

Tot Ion: 41 Resp: 117724
Ion Ratio Lower Upper
41 100
69 0.0 76.7 115.1#
39 29.6 40.5 60.7#

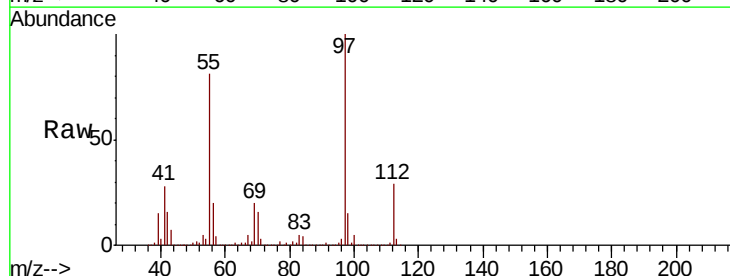


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

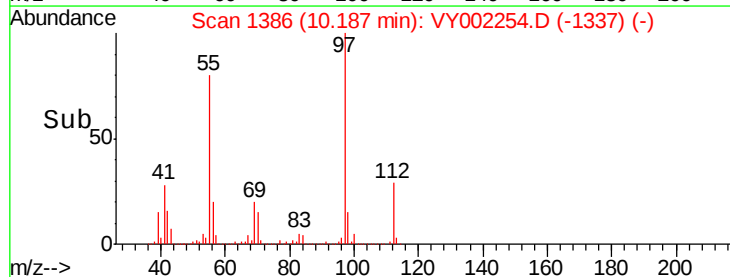
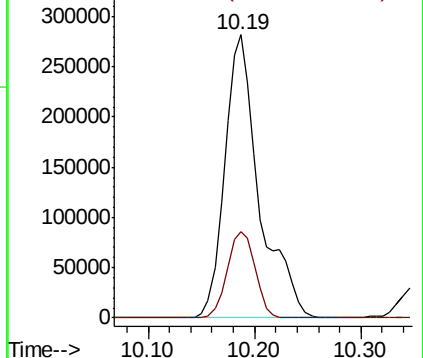


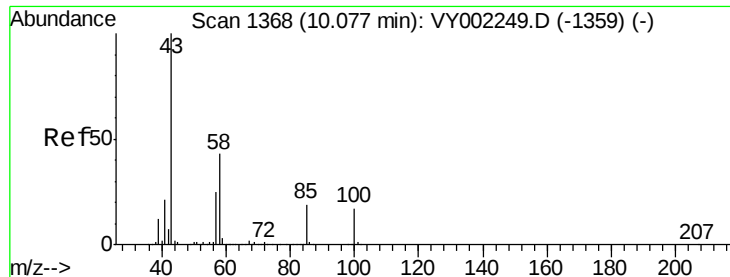
#50
Toluene-d8
Concen: 100.656 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Tgt Ion: 98 Resp: 637596
Ion Ratio Lower Upper
98 100
100 24.7 52.6 78.8#



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 201.094 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

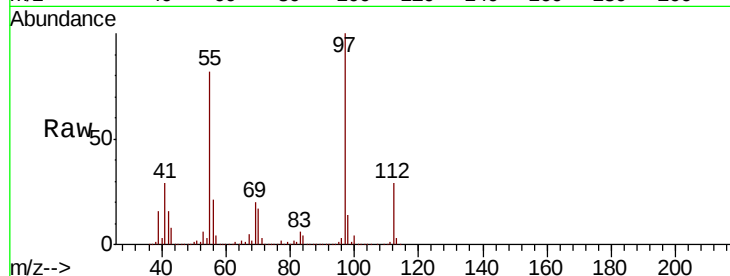
SB-3K-(0-2)

Tot Ion: 43 Resp: 273503

Ion Ratio Lower Upper

43 100

58 2.6 33.8 50.8#



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-1359) (-)

10.18

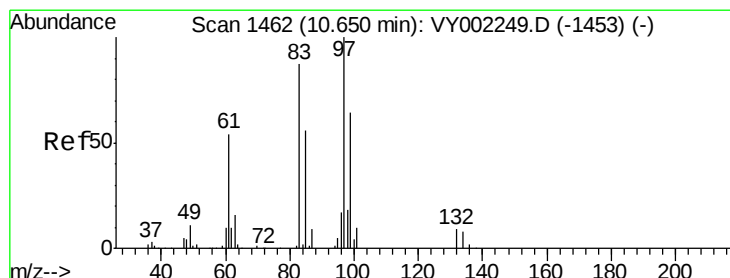
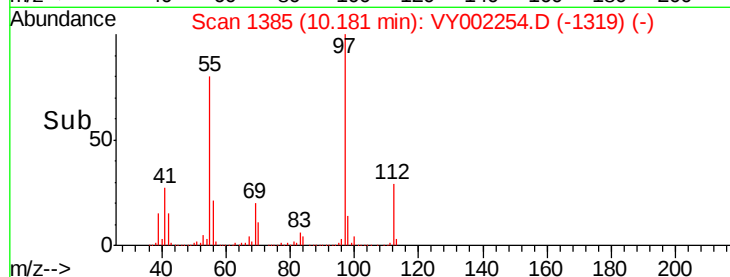
150000

100000

50000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 861.127 ug/l

RT: 10.63 min Scan# 1458

Delta R.T. -0.02 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Tgt Ion: 97 Resp: 1243126

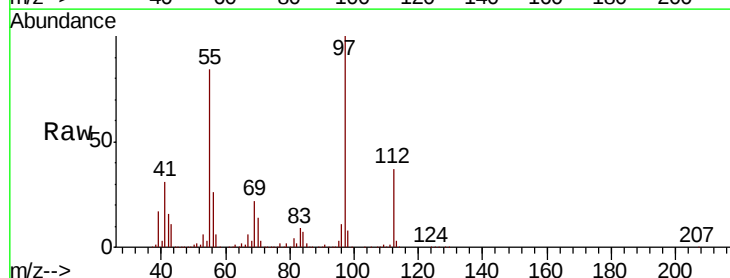
Ion Ratio Lower Upper

97 100

83 8.5 69.5 104.3#

85 2.0 45.2 67.8#

99 0.3 50.9 76.3#



Abundance Ion 96.90 (96.60 to 97.60): VY002249.D (-1453) (-)

Ion 82.90 (82.60 to 83.60): VY002249.D (-1453) (-)

Ion 84.90 (84.60 to 85.60): VY002249.D (-1453) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-1453) (-)

10.63

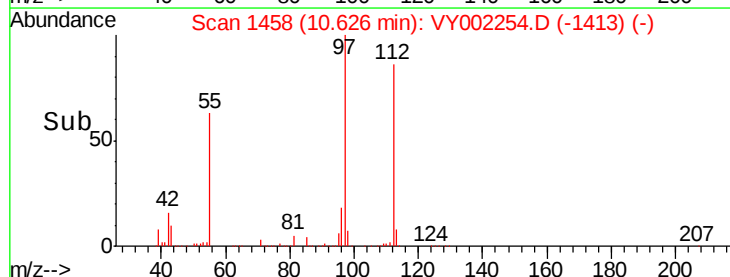
1500000

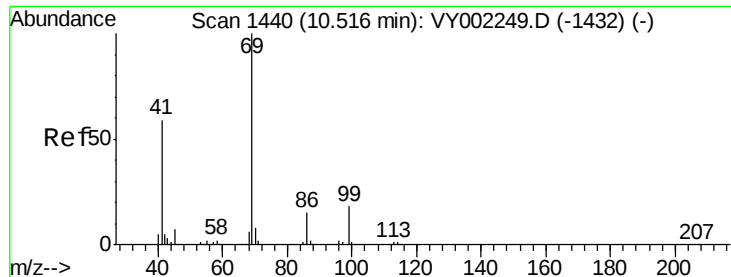
1000000

500000

0

Time-->





#56

Ethyl methacrylate

Concen: 247.166 ug/l

RT: 10.53 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampled :

SB-3K-(0-2)

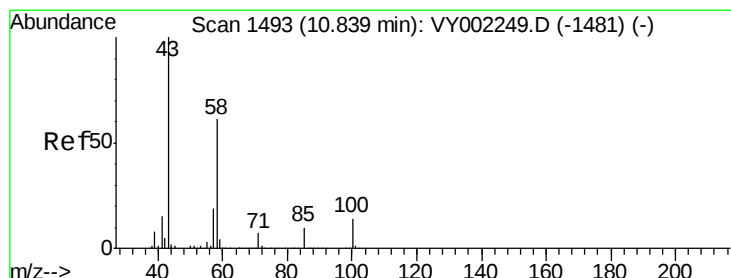
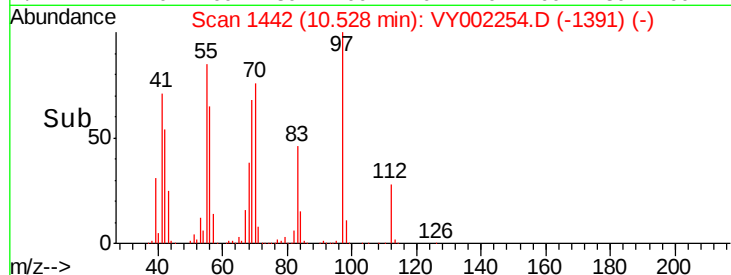
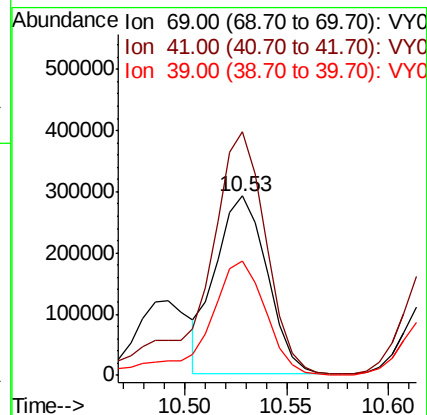
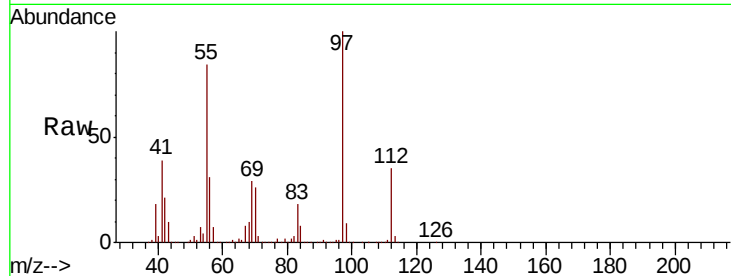
Tot Ion: 69 Resp: 509256

Ion Ratio Lower Upper

69 100

41 159.5 47.9 71.9#

39 74.2 23.8 35.6#



#59

2-Hexanone

Concen: 1817.474 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. -0.03 min

Lab File: VY002254.D

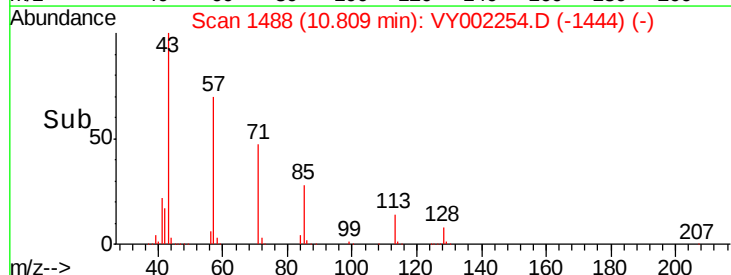
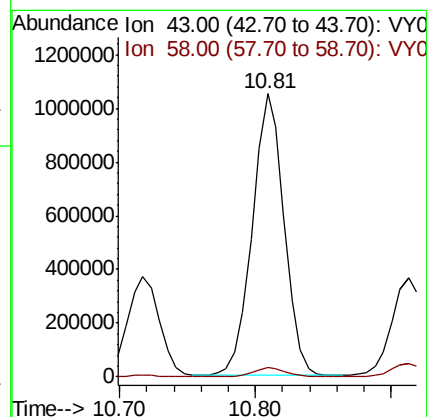
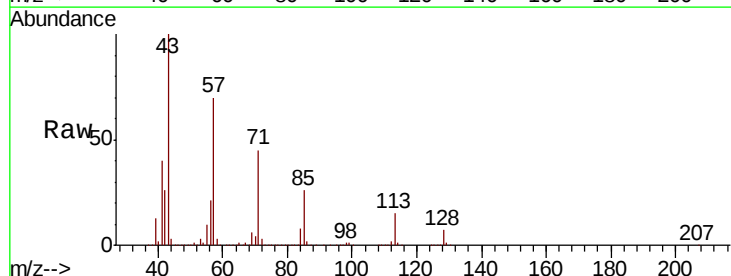
Acq: 08 Apr 2020 16:56

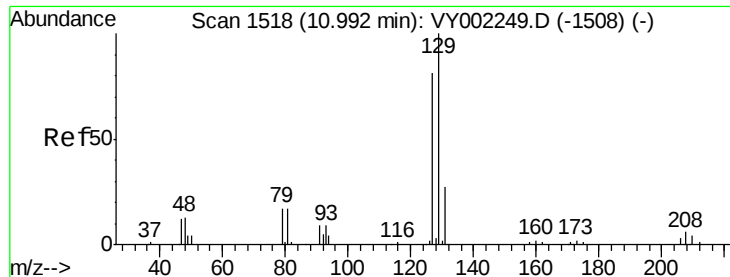
Tgt Ion: 43 Resp: 1715569

Ion Ratio Lower Upper

43 100

58 3.4 29.8 89.3#





#60

Dibromochloromethane

Concen: 3.145 ug/l

RT: 10.91 min Scan# 1505

Delta R.T. -0.08 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampled :

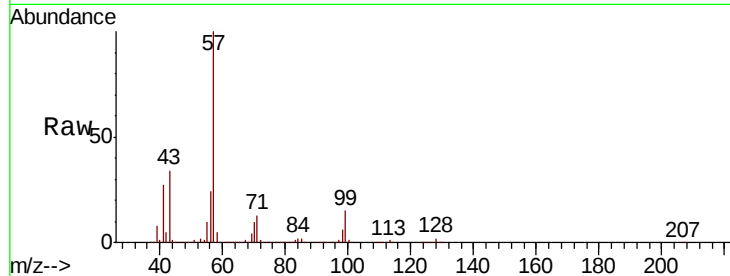
SB-3K-(0-2)

Tot Ion:129 Resp: 4841

Ion Ratio Lower Upper

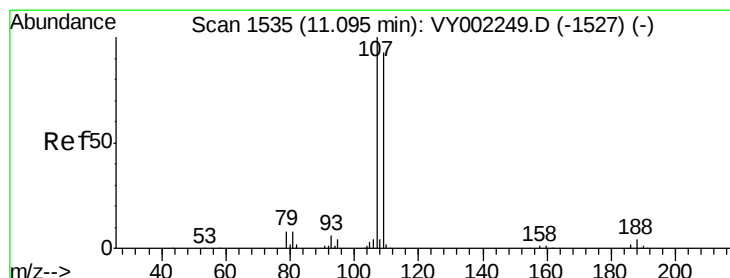
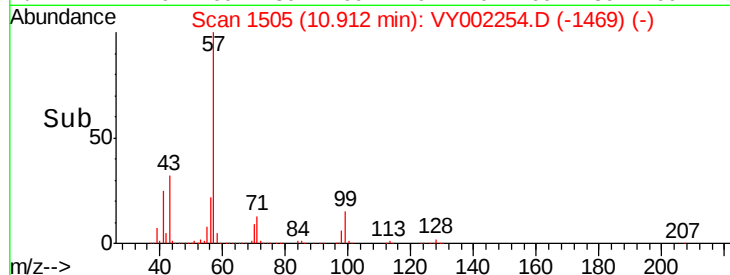
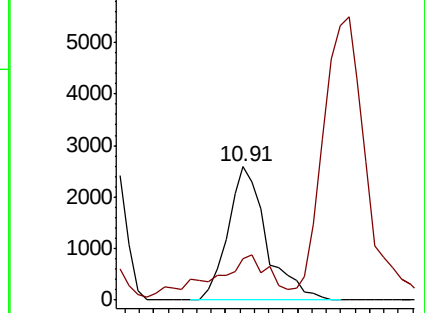
129 100

127 45.3 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.854 ug/l

RT: 11.11 min Scan# 1537

Delta R.T. 0.01 min

Lab File: VY002254.D

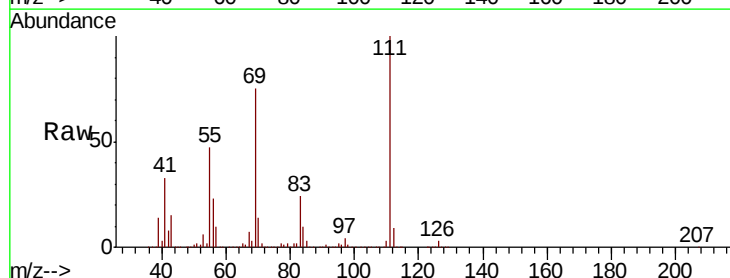
Acq: 08 Apr 2020 16:56

Tgt Ion:107 Resp: 2548

Ion Ratio Lower Upper

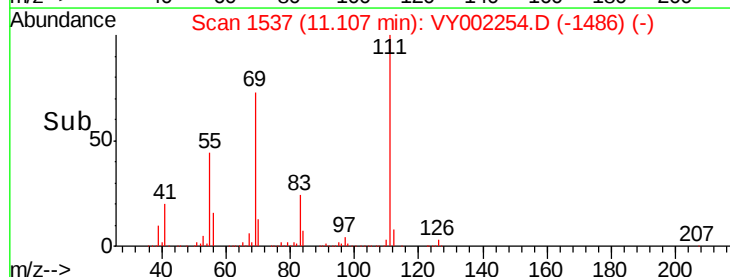
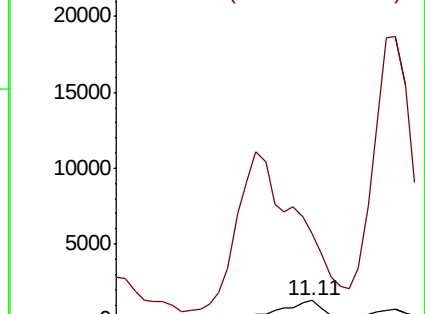
107 100

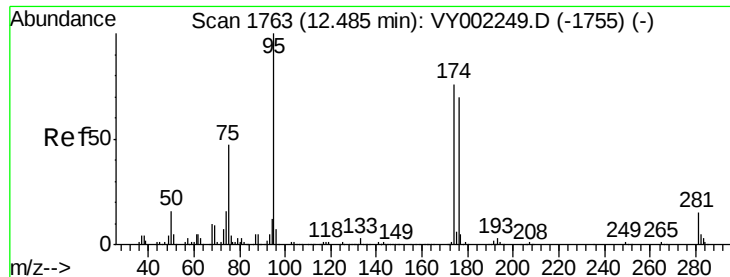
109 0.0 75.6 113.4#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

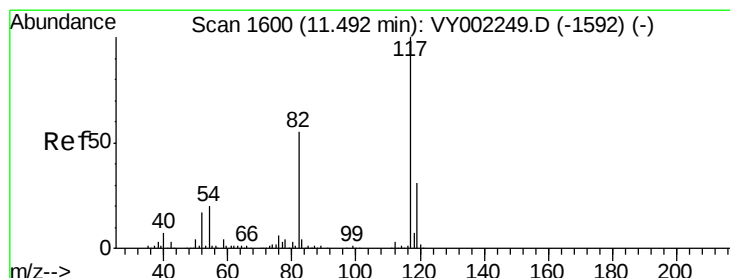
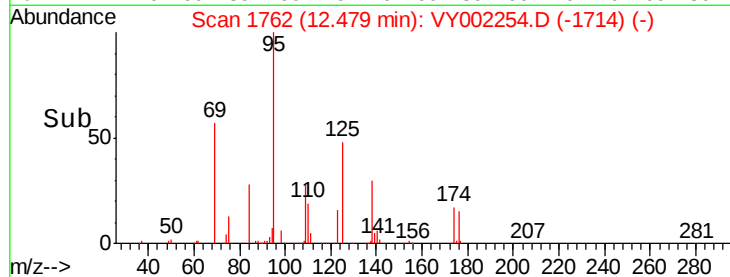
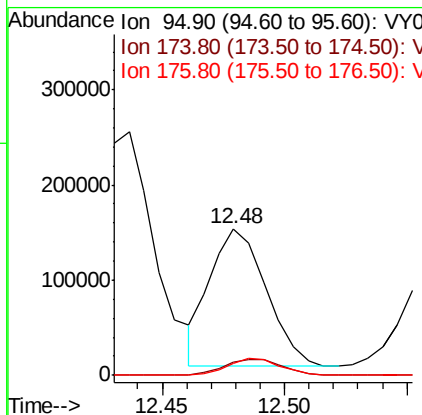
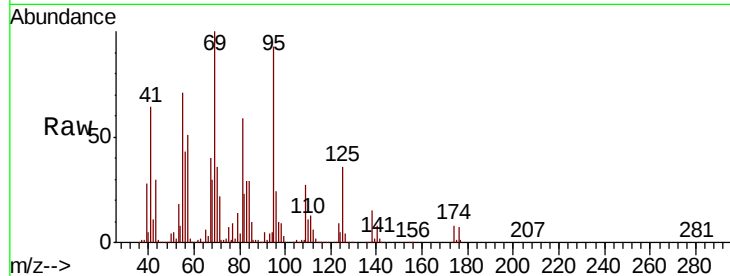




#62
4-Bromofluorobenzene
Concen: 110.507 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

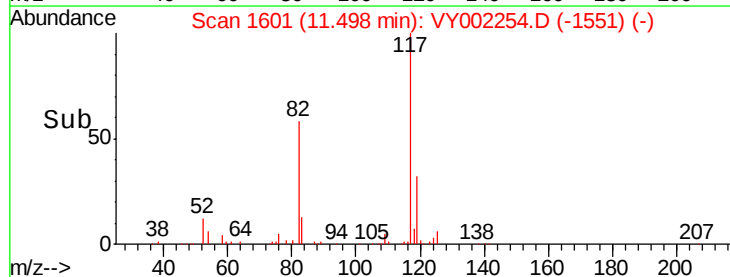
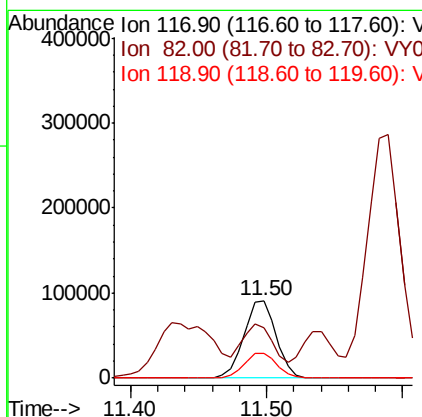
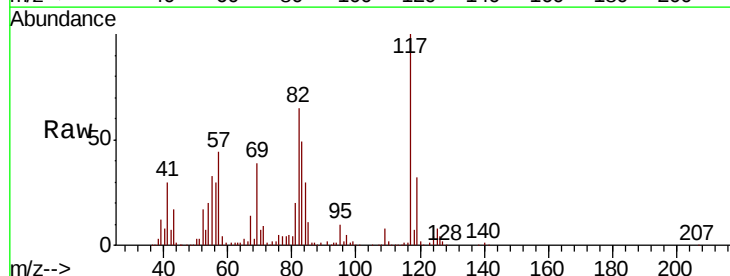
Instrument :
MSVOA_Y
ClientSampleId :
SB-3K-(0-2)

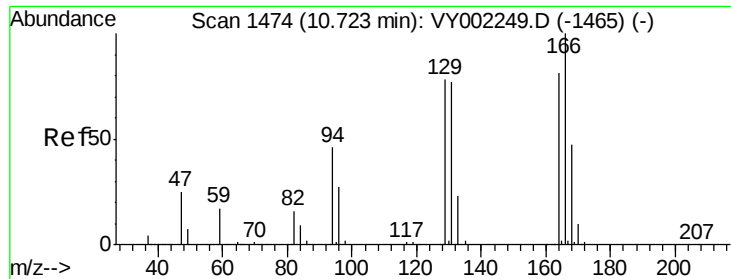
Tot Ion	95	Resp	230937
Ion Ratio	Lower	Upper	
95	100		
174	12.0	0.0	150.6
176	11.7	0.0	141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Tgt Ion	117	Resp	151390
Ion Ratio	Lower	Upper	
117	100		
82	36.1	44.2	66.4#
119	31.8	25.1	37.7

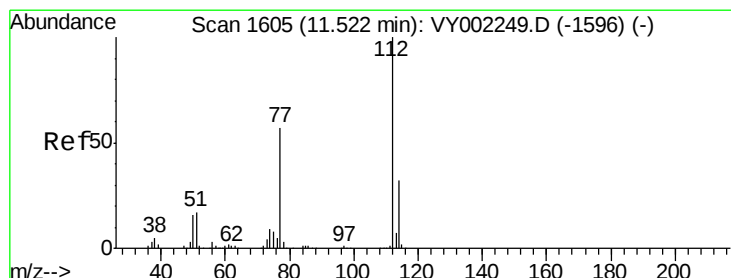
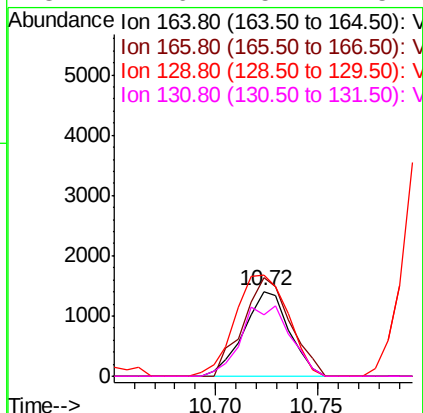
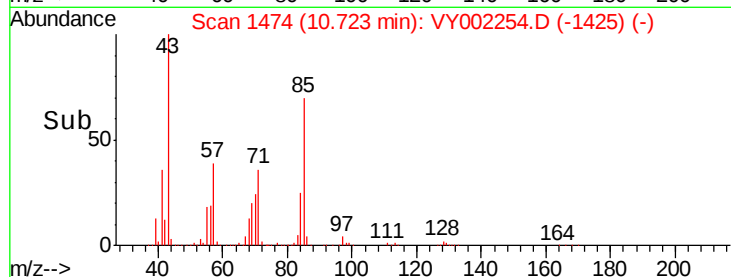
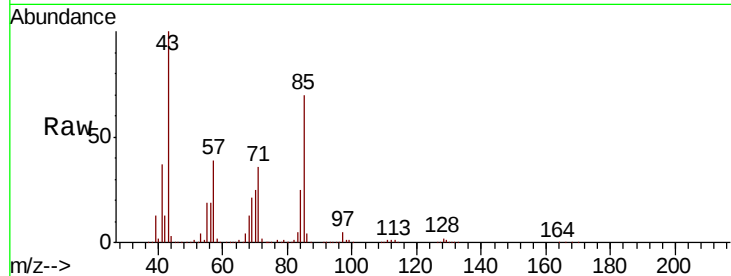




#64
Tetrachloroethene
Concen: 1.433 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

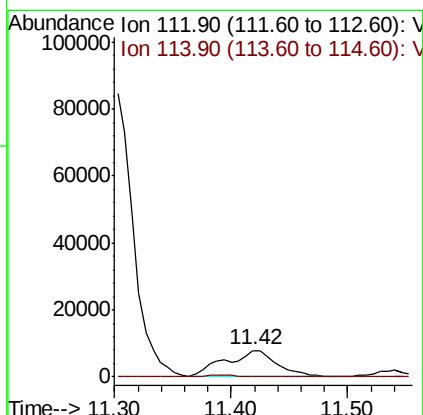
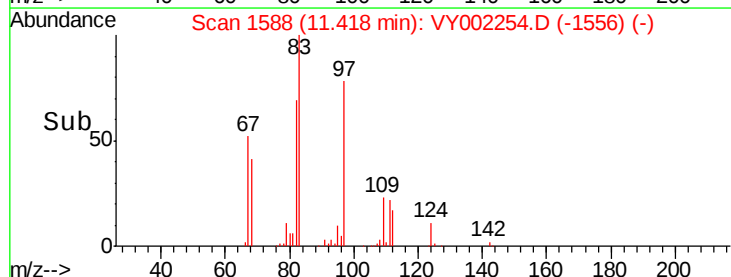
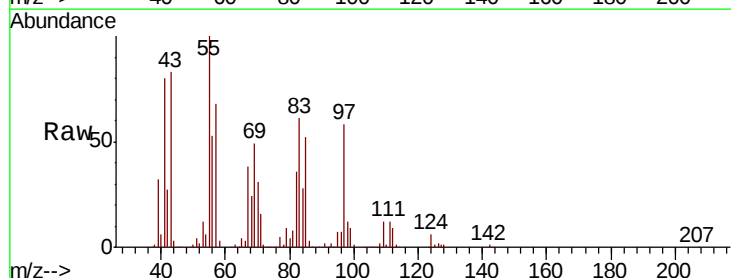
Instrument :
MSVOA_Y
ClientSampled :
SB-3K-(0-2)

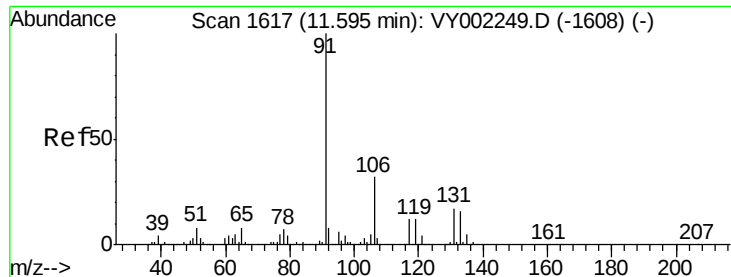
Tot Ion:164 Resp: 2194
Ion Ratio Lower Upper
164 100
166 116.6 98.4 147.6
129 119.2 76.6 115.0#
131 72.6 75.4 113.2#



#65
Chlorobenzene
Concen: 7.588 ug/l
RT: 11.42 min Scan# 1588
Delta R.T. -0.10 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Tgt Ion:112 Resp: 23879
Ion Ratio Lower Upper
112 100
114 0.9 25.6 38.4#

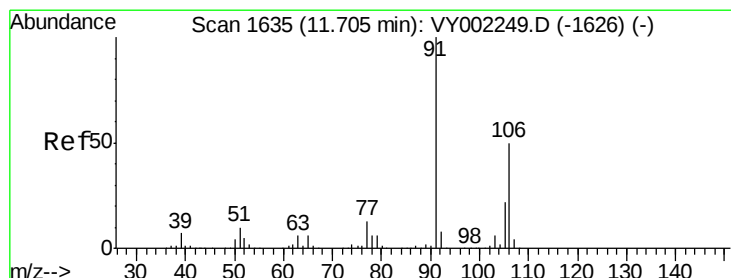
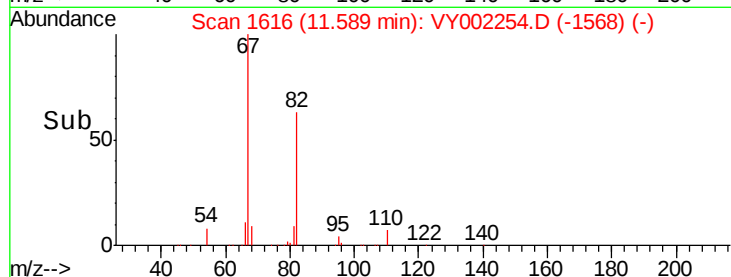
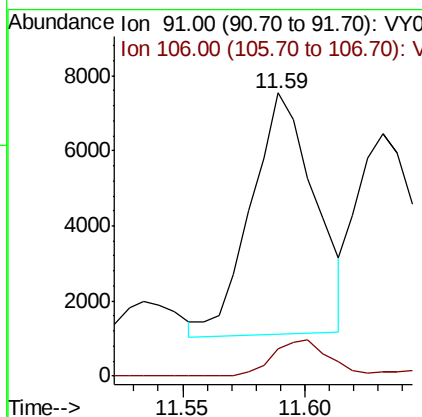
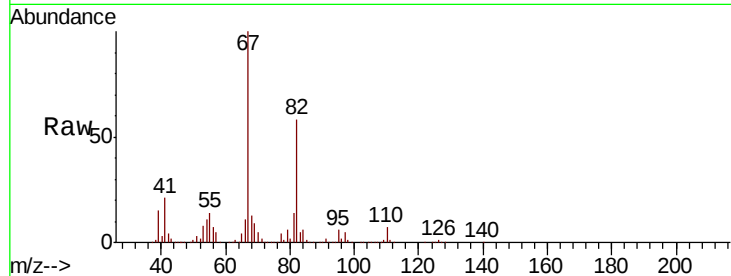




#67
Ethyl Benzene
Concen: 2.028 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

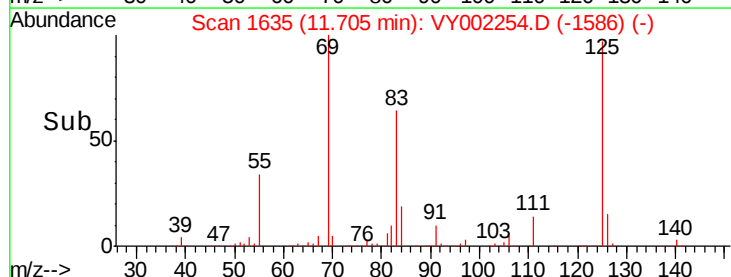
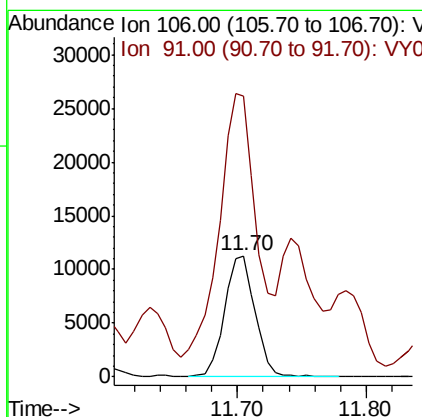
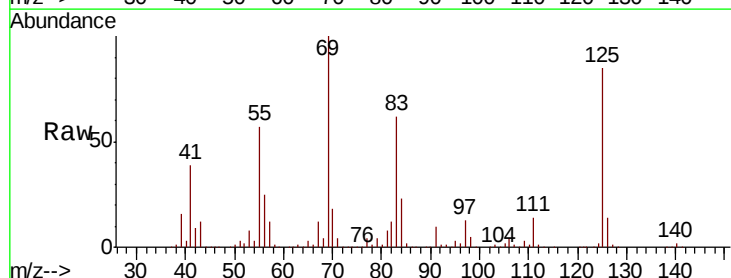
Instrument :
MSVOA_Y
ClientSampleId :
SB-3K-(0-2)

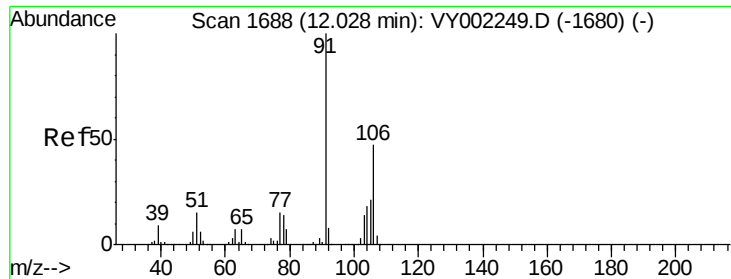
Tot Ion: 91 Resp: 11684
Ion Ratio Lower Upper
91 100
106 12.1 25.4 38.0#



#68
m/p-Xylenes
Concen: 8.693 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Tgt Ion: 106 Resp: 18757
Ion Ratio Lower Upper
106 100
91 271.3 159.8 239.6#

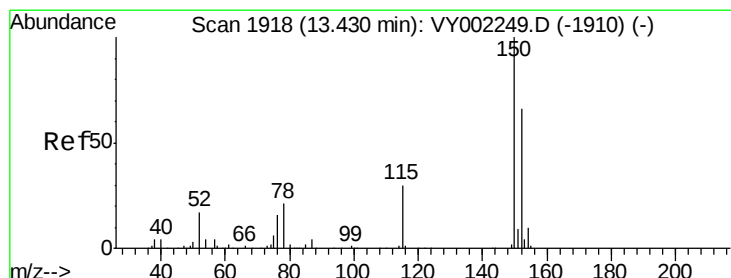
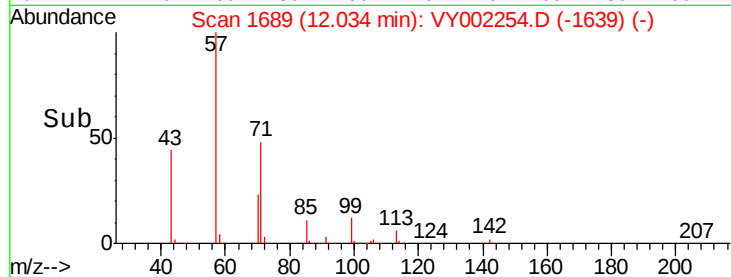
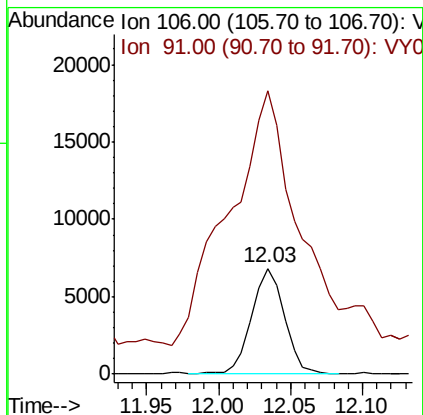
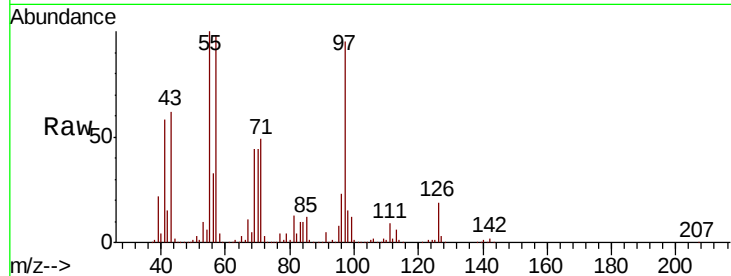




#69
o-Xylene
Concen: 5.317 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

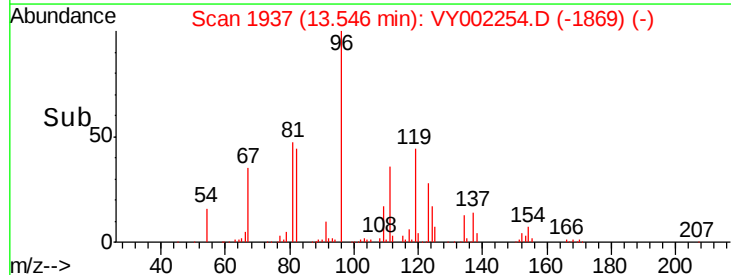
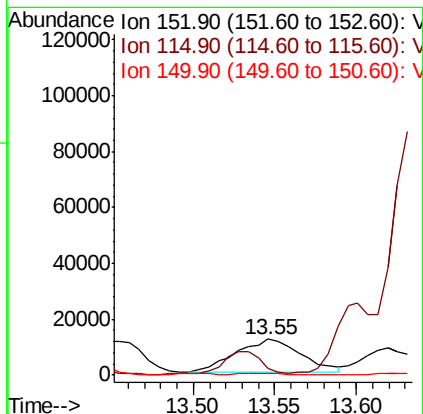
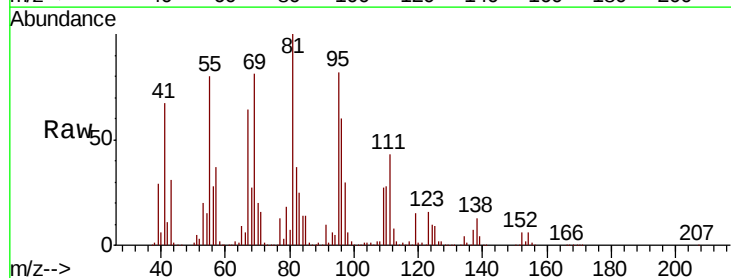
Instrument :
MSVOA_Y
ClientSampled :
SB-3K-(0-2)

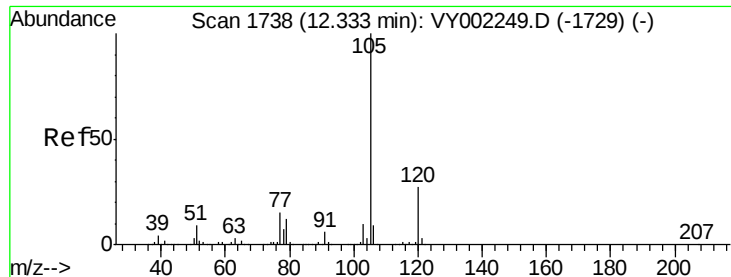
Tot Ion:106 Resp: 10772
Ion Ratio Lower Upper
106 100
91 546.9 105.8 317.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1937
Delta R.T. 0.12 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Tgt Ion:152 Resp: 32986
Ion Ratio Lower Upper
152 100
115 39.0 30.7 92.1
150 3.1 0.0 350.6

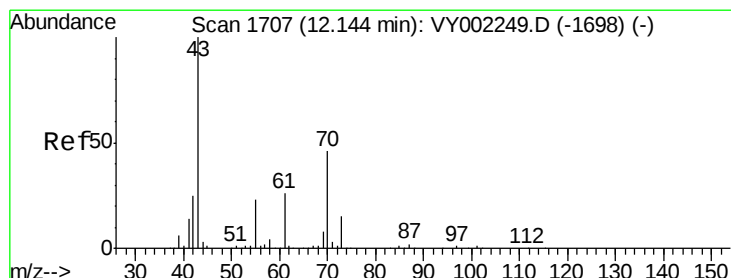
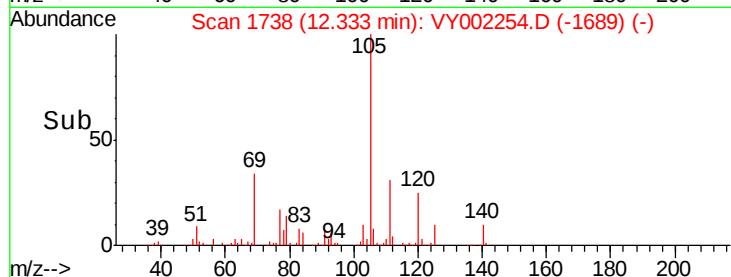
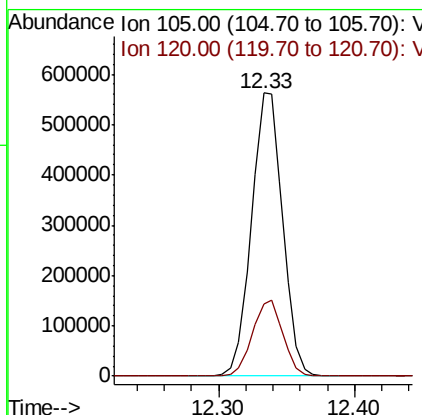
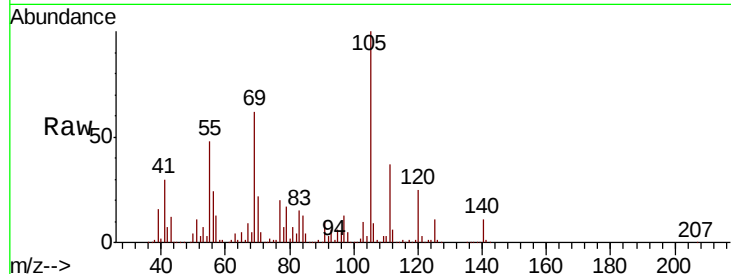




#73
Isopropylbenzene
Concen: 348.236 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

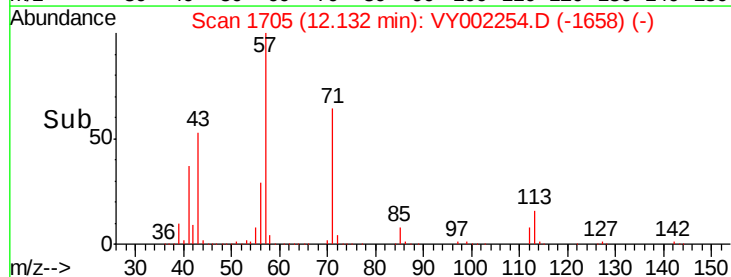
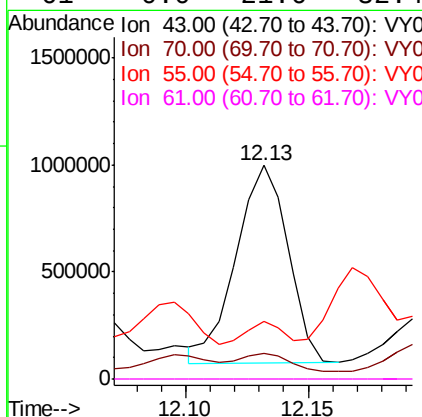
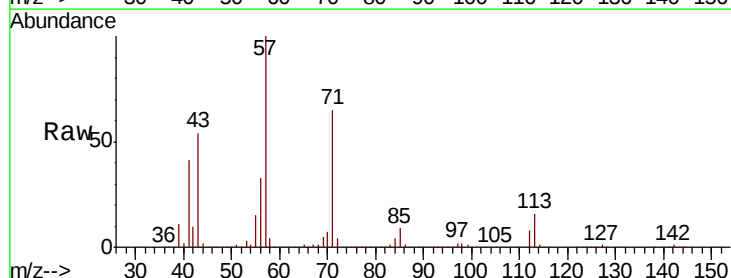
Instrument :
MSVOA_Y
ClientSampleId :
SB-3K-(0-2)

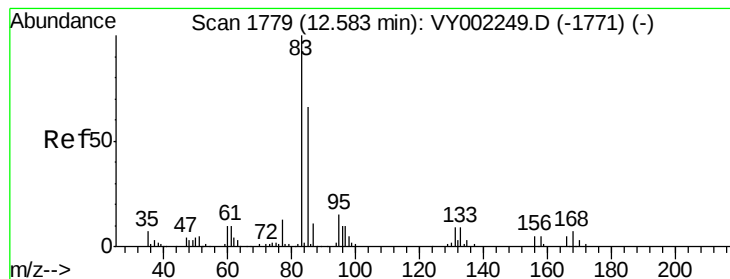
Tot Ion:105 Resp: 902425
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.8



#74
N-ethyl acetate
Concen: 1874.372 ug/l
RT: 12.13 min Scan# 1705
Delta R.T. -0.01 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Tgt Ion: 43 Resp: 1378797
Ion Ratio Lower Upper
43 100
70 9.1 37.5 56.3#
55 7.8 19.0 28.6#
61 0.0 21.6 32.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 539.385 ug/l

RT: 12.56 min Scan# 1776

Delta R.T. -0.02 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampled :

SB-3K-(0-2)

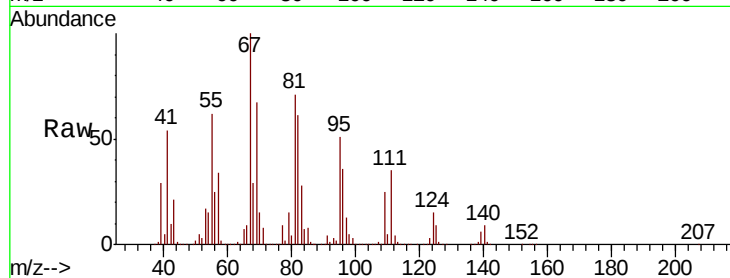
Tot Ion: 83 Resp: 169112

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

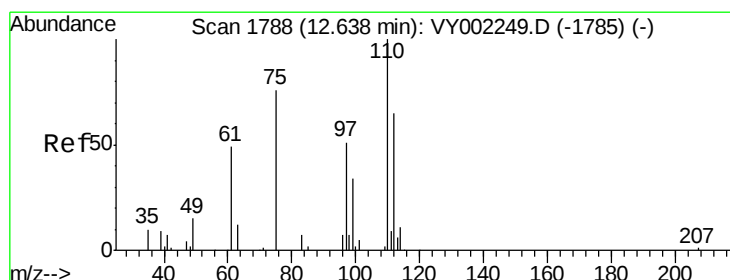
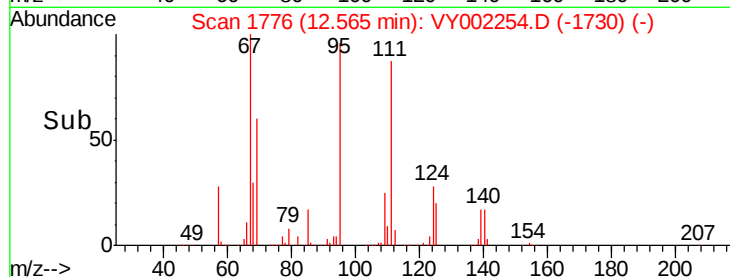
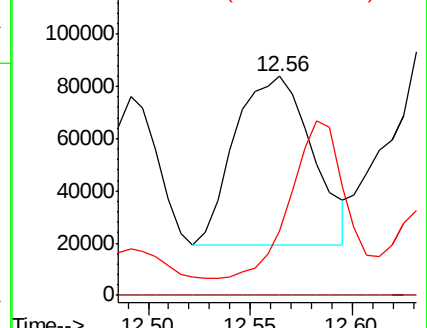
85 67.1 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 35.986 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.04 min

Lab File: VY002254.D

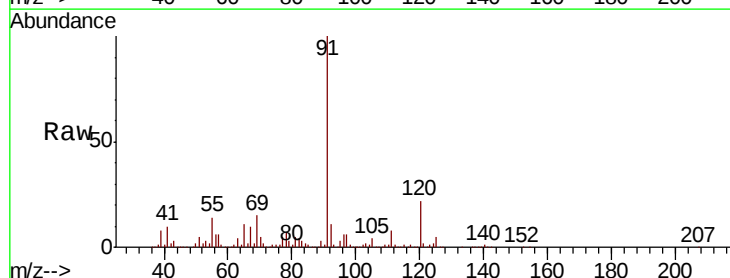
Acq: 08 Apr 2020 16:56

Tgt Ion: 75 Resp: 13784

Ion Ratio Lower Upper

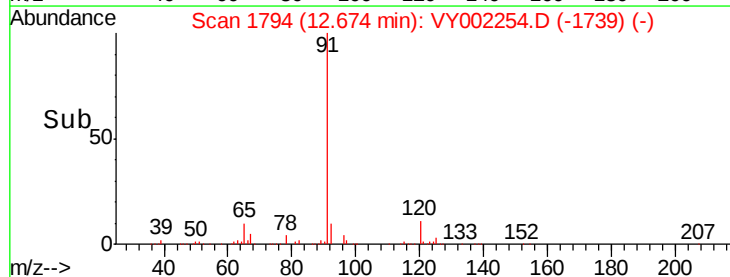
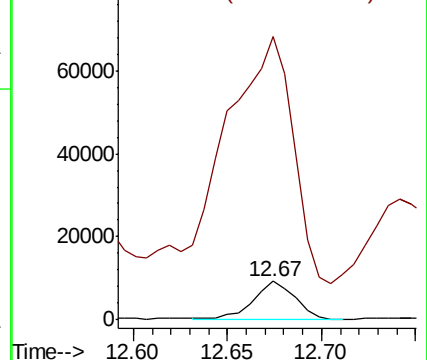
75 100

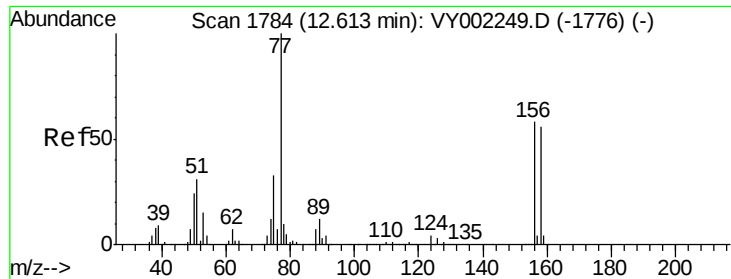
77 1044.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 4.720 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. -0.02 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-3K-(0-2)

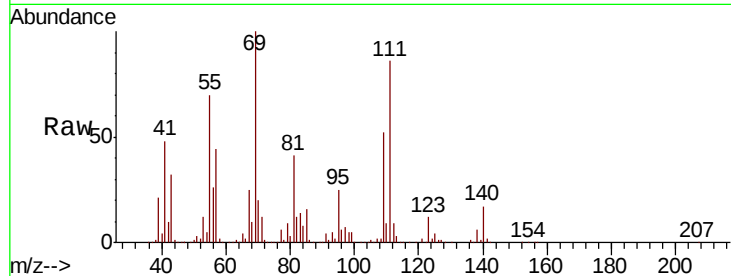
Tot Ion:156 Resp: 2691

Ion Ratio Lower Upper

156 100

77 0.0 101.3 303.9#

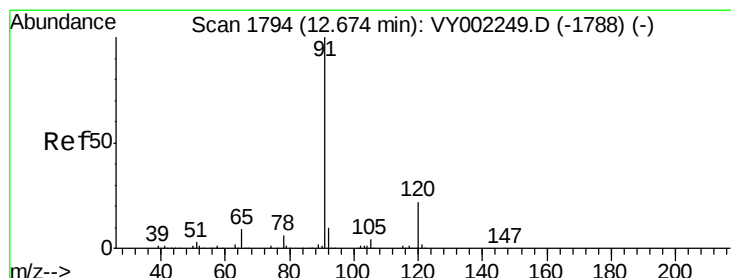
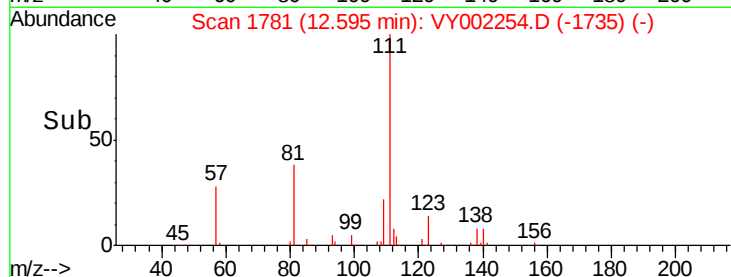
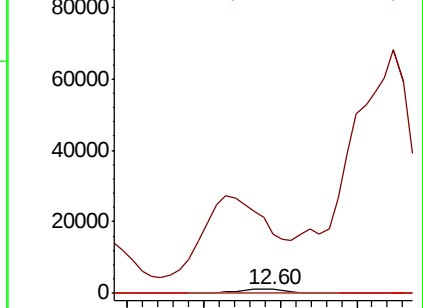
158 4.2 48.3 144.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 667.335 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY002254.D

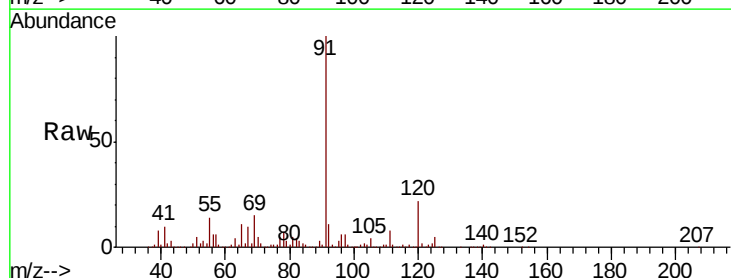
Acq: 08 Apr 2020 16:56

Tgt Ion: 91 Resp: 2150794

Ion Ratio Lower Upper

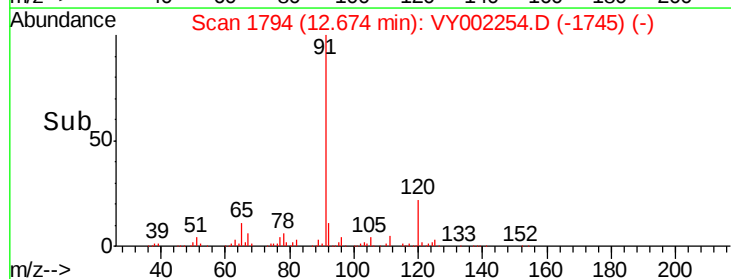
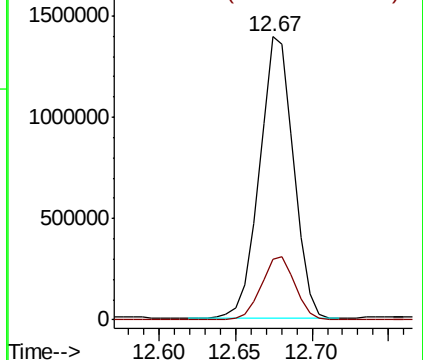
91 100

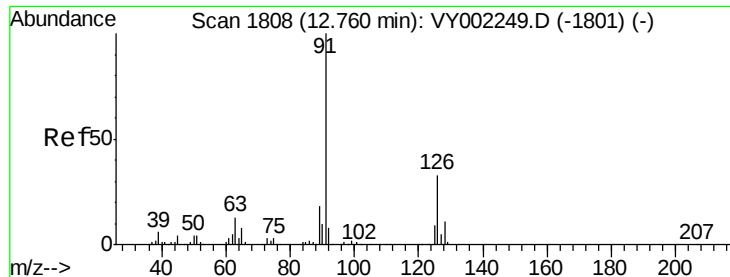
120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1227.966 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.09 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

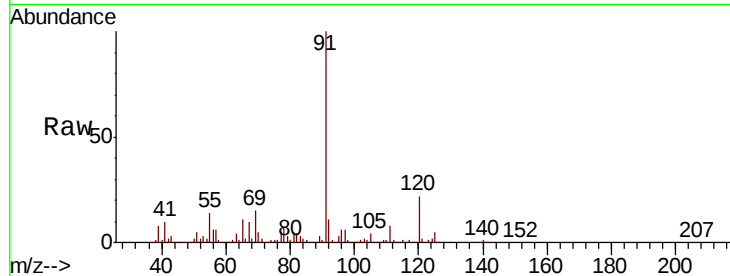
SB-3K-(0-2)

Tot Ion: 91 Resp: 2150794

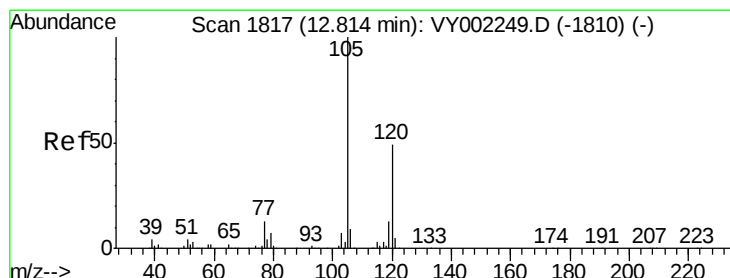
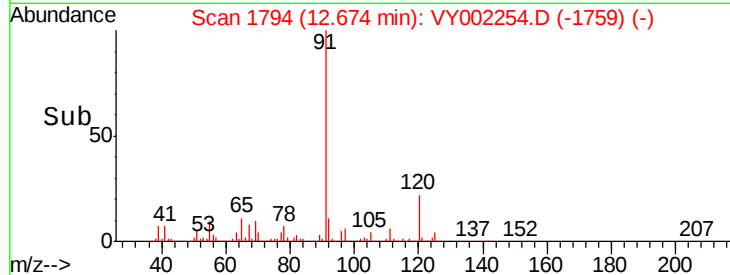
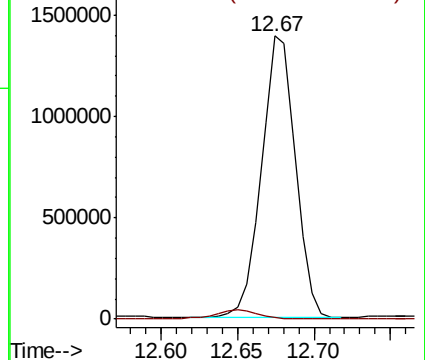
Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.856 ug/l

RT: 12.98 min Scan# 1844

Delta R.T. 0.16 min

Lab File: VY002254.D

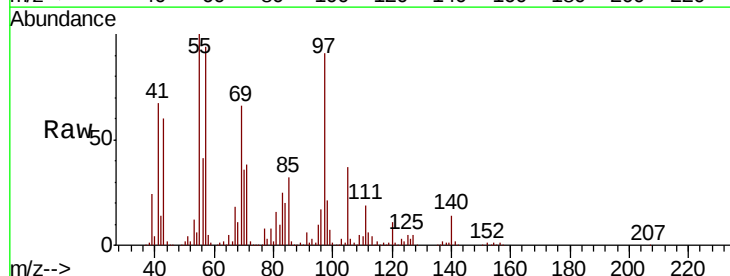
Acq: 08 Apr 2020 16:56

Tgt Ion:105 Resp: 111137

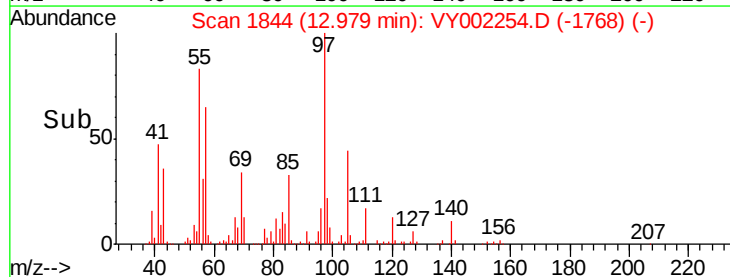
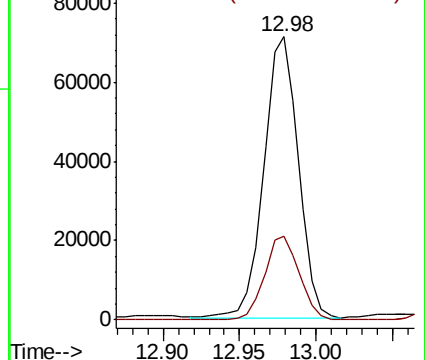
Ion Ratio Lower Upper

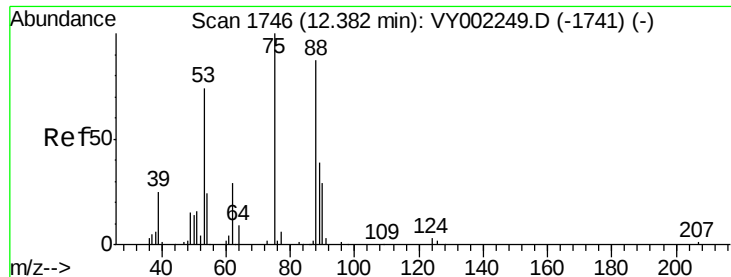
105 100

120 30.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY002249.D (-1810) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.713 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.04 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-3K-(0-2)

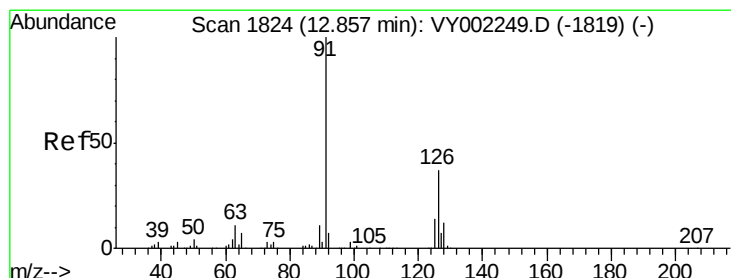
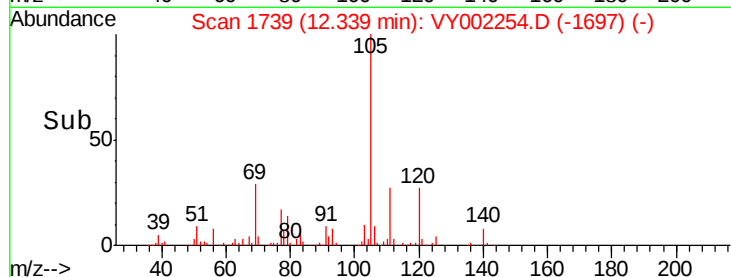
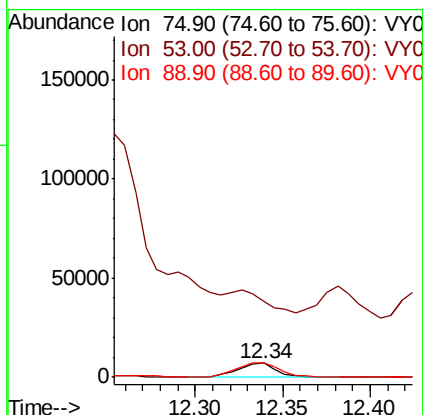
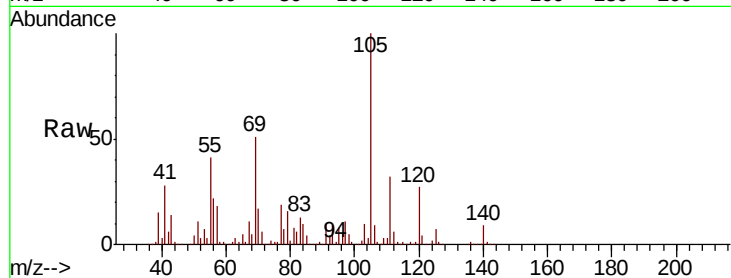
Tot Ion: 75 Resp: 10578

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 117.5 37.0 55.6#



#82

4-Chlorotoluene

Concen: 1171.603 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.18 min

Lab File: VY002254.D

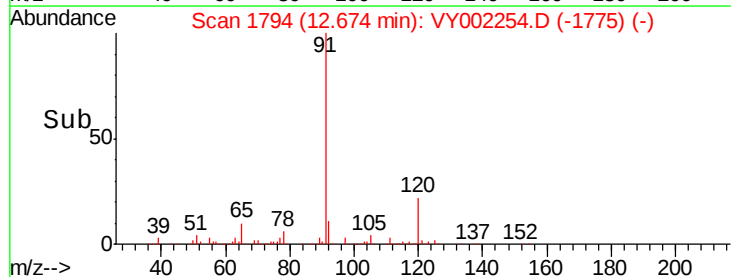
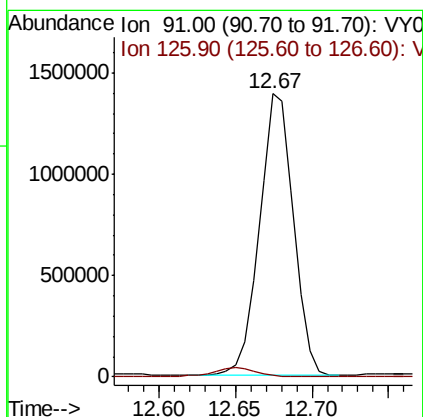
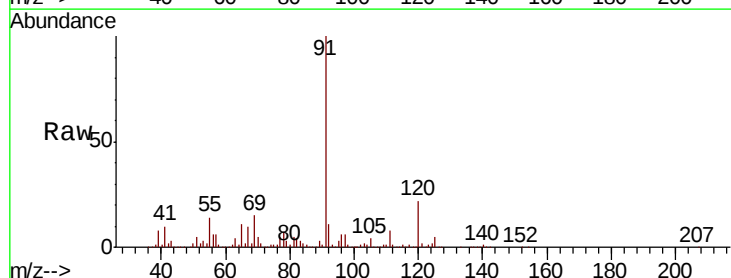
Acq: 08 Apr 2020 16:56

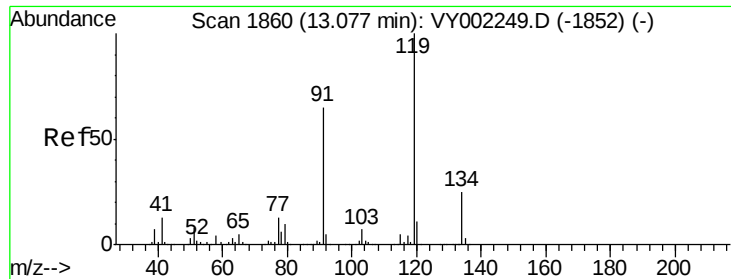
Tgt Ion: 91 Resp: 2150794

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#

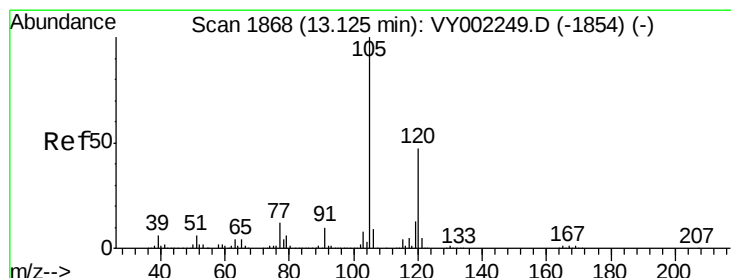
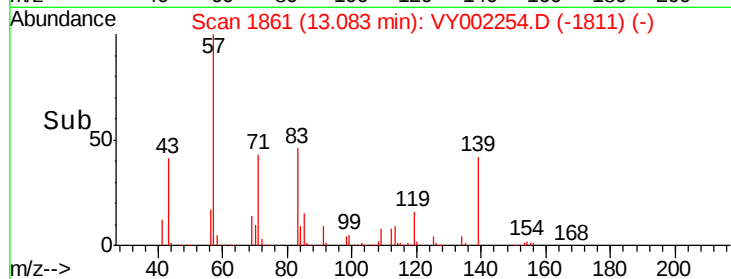
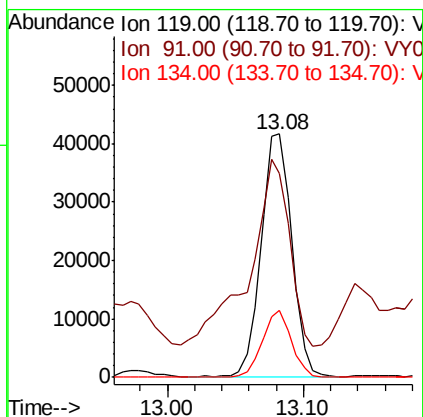
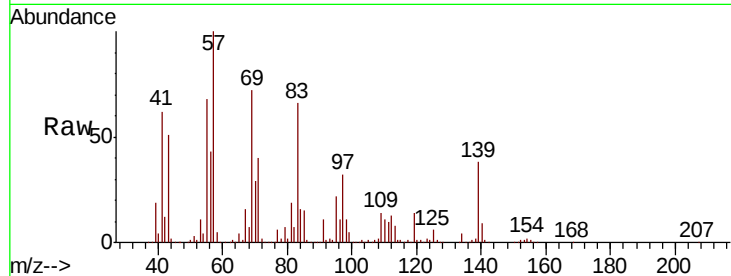




#83
 tert-Butylbenzene
 Concen: 37.044 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002254.D
 Acq: 08 Apr 2020 16:56

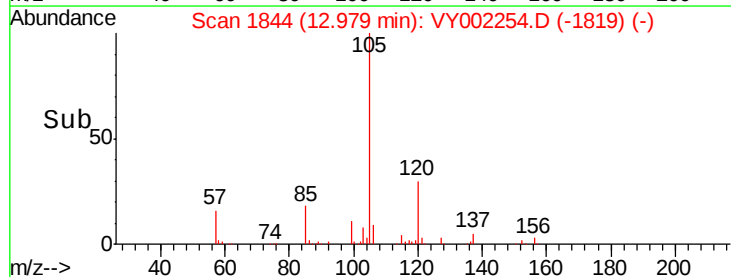
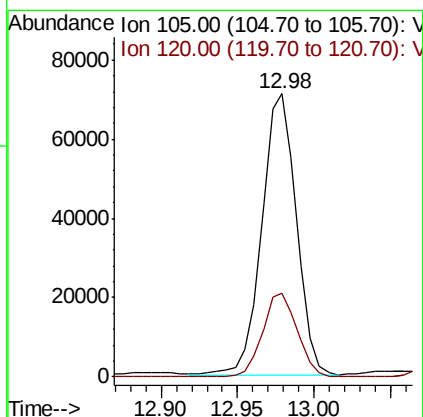
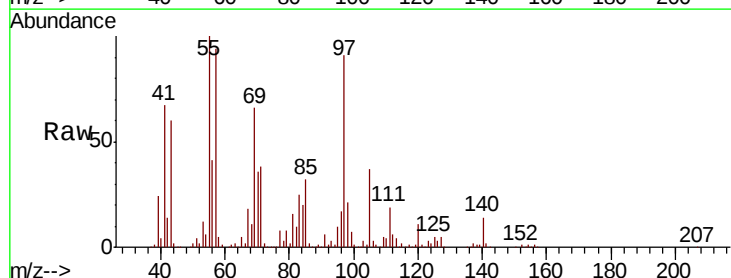
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3K-(0-2)

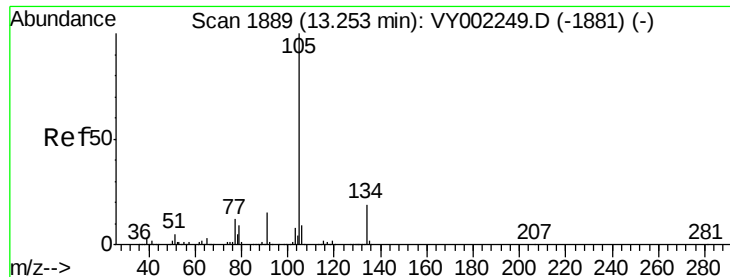
Tot Ion:119 Resp: 66501
 Ion Ratio Lower Upper
 119 100
 91 99.3 32.4 97.0#
 134 25.6 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.930 ug/l
 RT: 12.98 min Scan# 1844
 Delta R.T. -0.15 min
 Lab File: VY002254.D
 Acq: 08 Apr 2020 16:56

Tgt Ion:105 Resp: 111137
 Ion Ratio Lower Upper
 105 100
 120 30.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 431.221 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

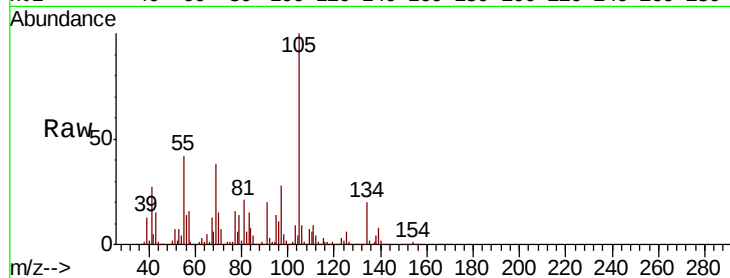
SB-3K-(0-2)

Tot Ion:105 Resp: 1153190

Ion Ratio Lower Upper

105 100

134 27.9 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

800000

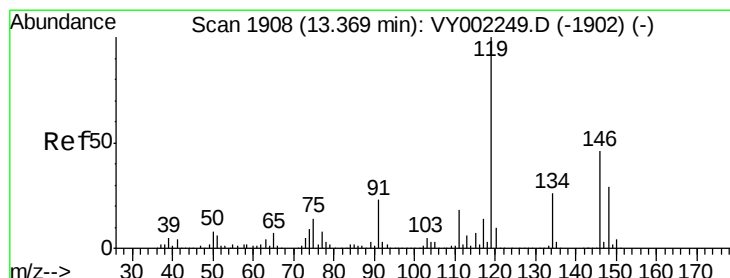
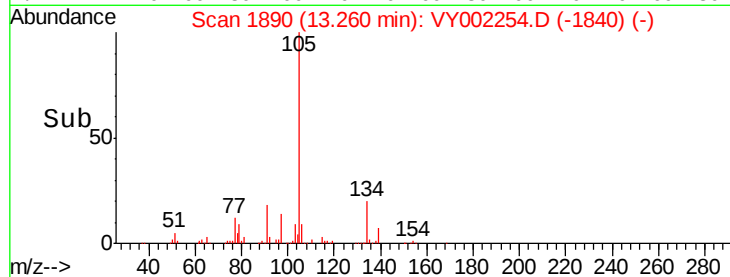
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 8.420 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

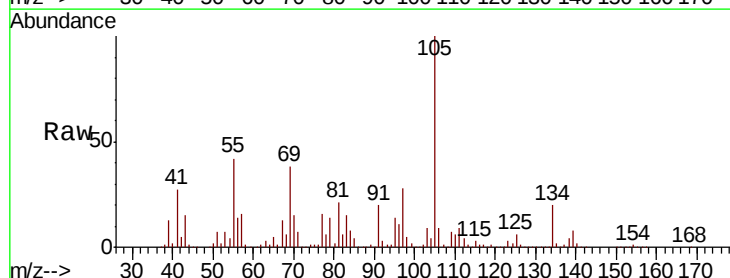
Tgt Ion:119 Resp: 19379

Ion Ratio Lower Upper

119 100

134 1659.1 13.3 39.9#

91 3039.9 11.5 34.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

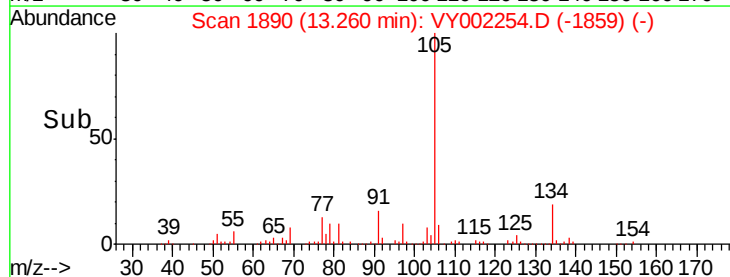
300000

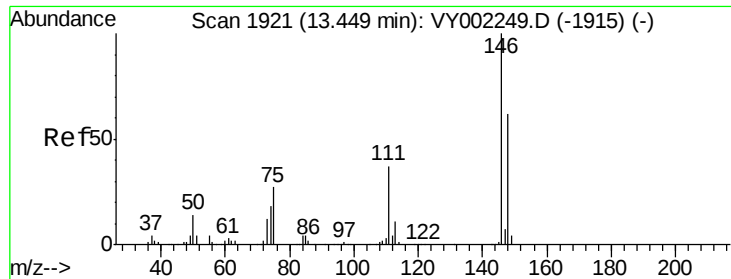
200000

100000

0

Time-->

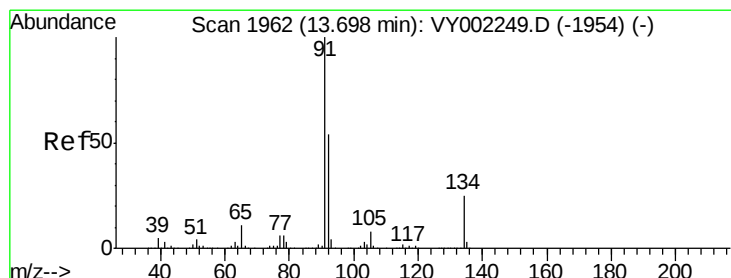
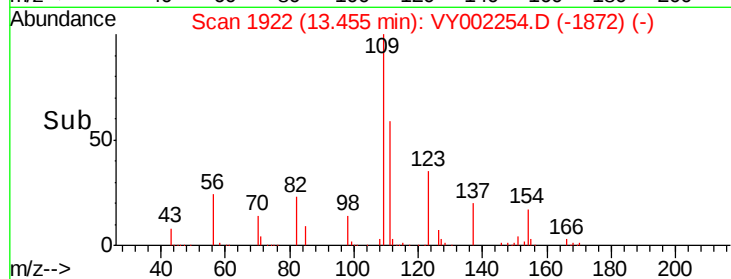
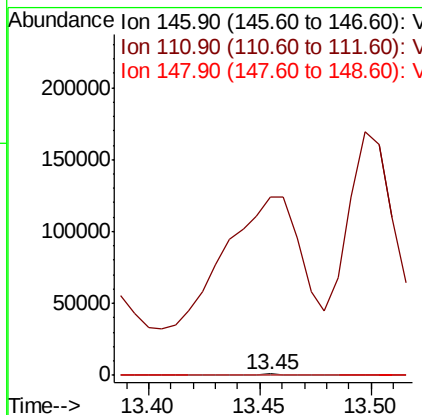
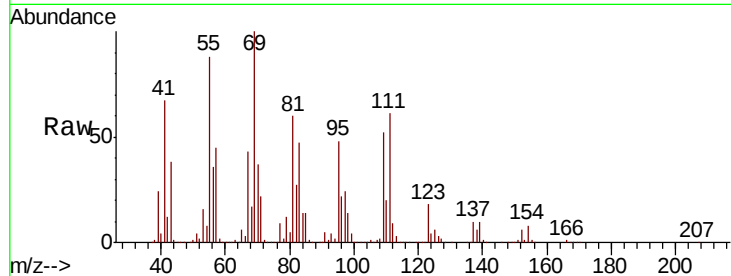




#88
 1,4-Dichlorobenzene
 Concen: 1.094 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY002254.D
 Acq: 08 Apr 2020 16:56

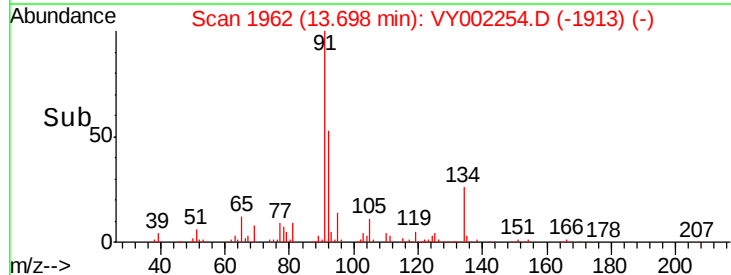
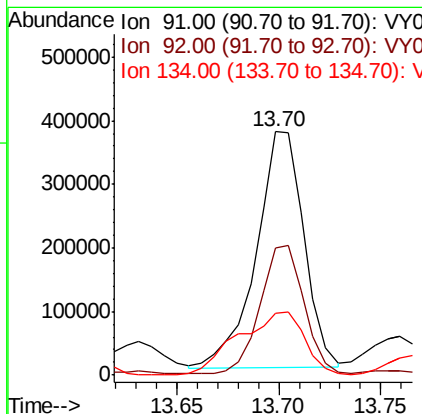
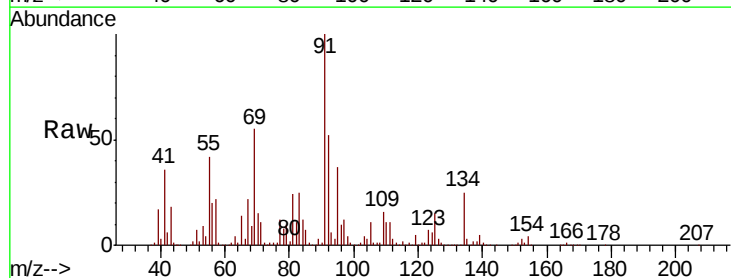
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3K-(0-2)

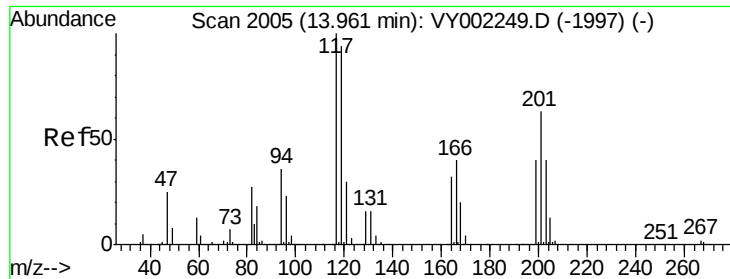
Tot Ion:146 Resp: 1227
 Ion Ratio Lower Upper
 146 100
 111 17334.7 19.6 58.8#
 148 68.5 32.0 96.0



#89
 n-Butylbenzene
 Concen: 254.910 ug/l
 RT: 13.70 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VY002254.D
 Acq: 08 Apr 2020 16:56

Tgt Ion: 91 Resp: 601391
 Ion Ratio Lower Upper
 91 100
 92 50.1 27.2 81.6
 134 37.3 12.7 38.0





#90

Hexachloroethane

Concen: 219.741 ug/l

RT: 13.98 min Scan# 2008

Delta R.T. 0.02 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

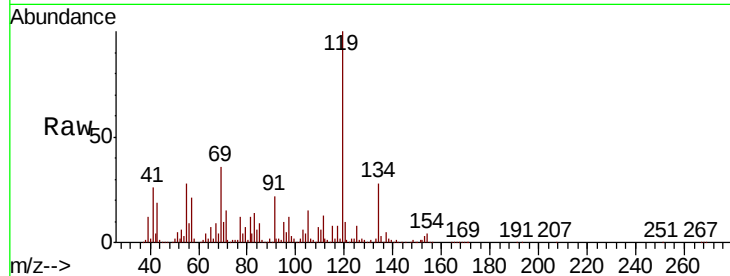
SB-3K-(0-2)

Tot Ion:117 Resp: 96377

Ion Ratio Lower Upper

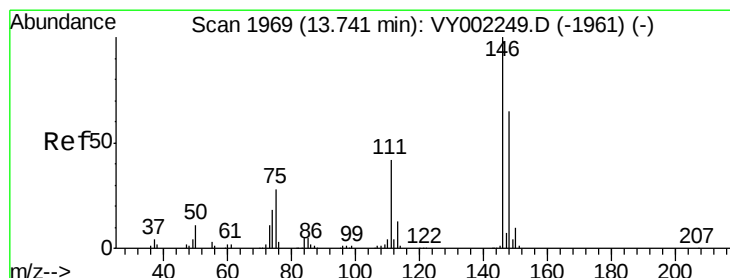
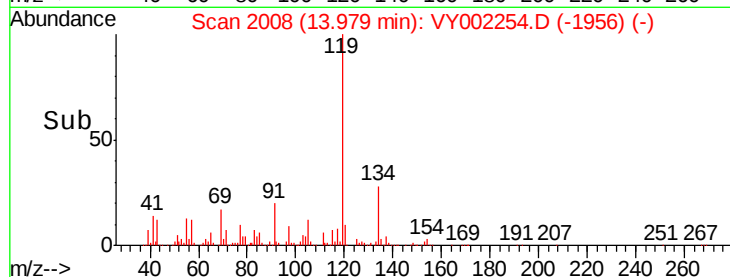
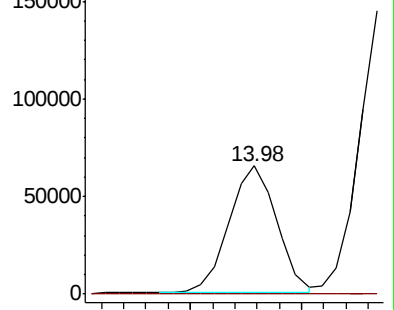
117 100

201 0.0 33.1 99.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 4.355 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

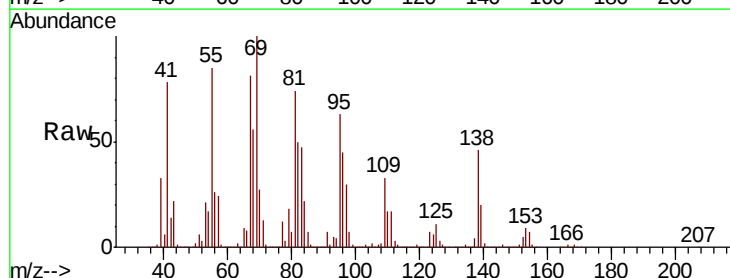
Tgt Ion:146 Resp: 4373

Ion Ratio Lower Upper

146 100

111 2011.4 21.1 63.1#

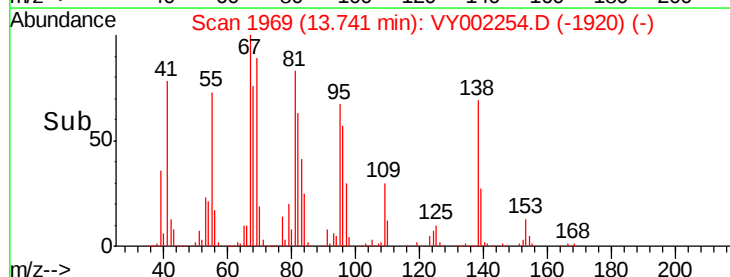
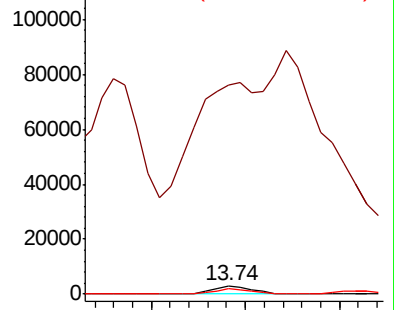
148 65.2 31.9 95.9

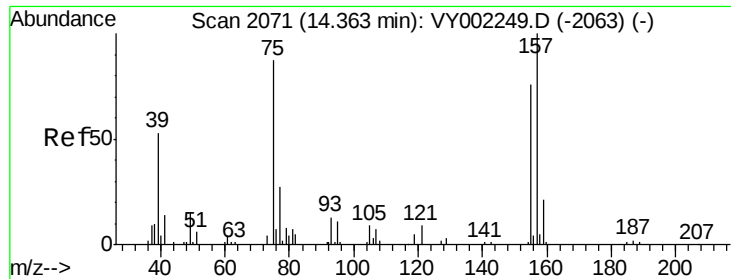


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

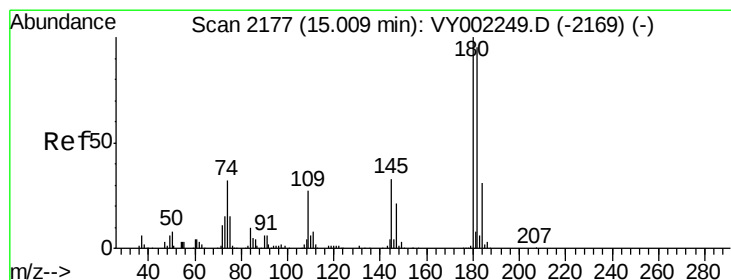
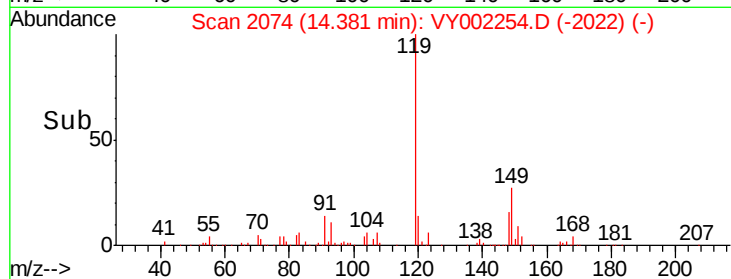
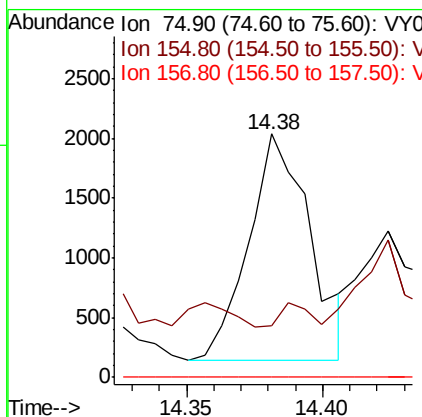
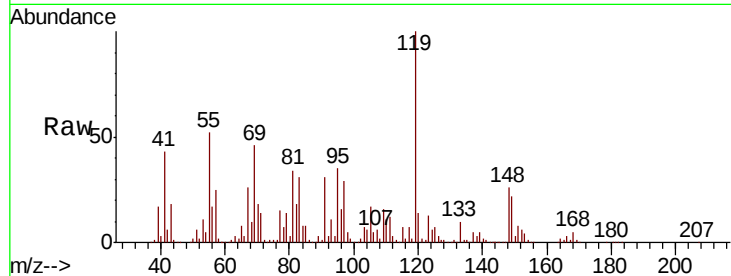




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 38.811 ug/l
 RT: 14.38 min Scan# 2074
 Delta R.T. 0.02 min
 Lab File: VY002254.D
 Acq: 08 Apr 2020 16:56

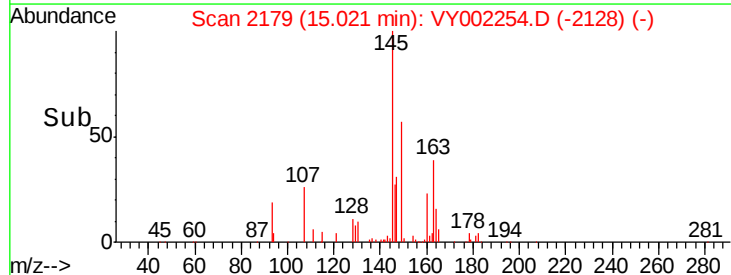
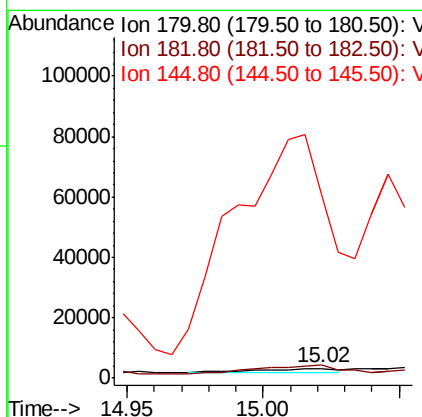
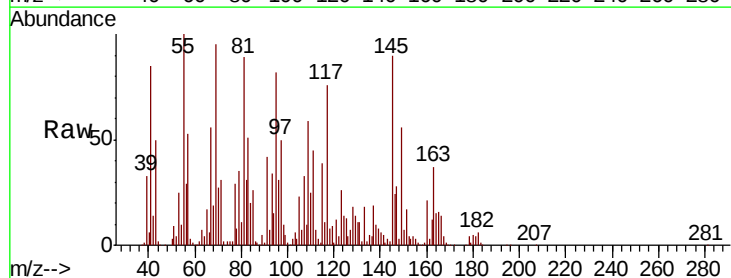
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-3K-(0-2)

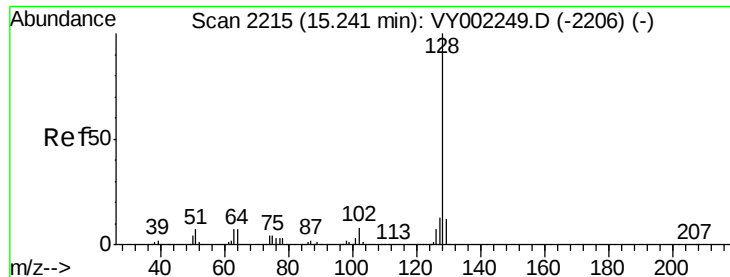
Tot Ion: 75 Resp: 2943
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.6 130.8#
 157 0.0 56.0 168.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.860 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002254.D
 Acq: 08 Apr 2020 16:56

Tgt Ion: 180 Resp: 2533
 Ion Ratio Lower Upper
 180 100
 182 256.0 47.9 143.7#
 145 8264.0 16.0 48.0#

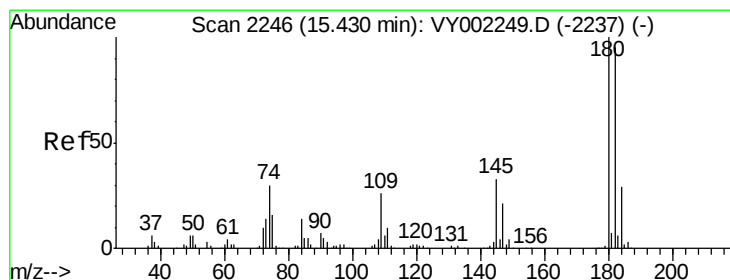
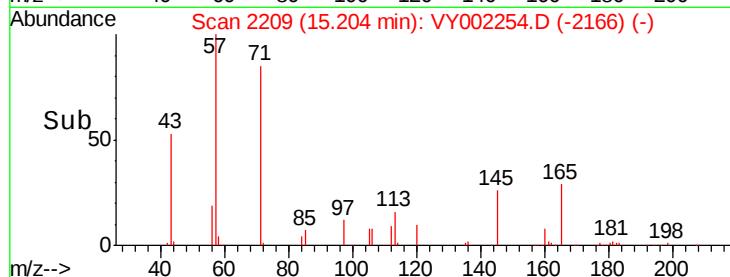
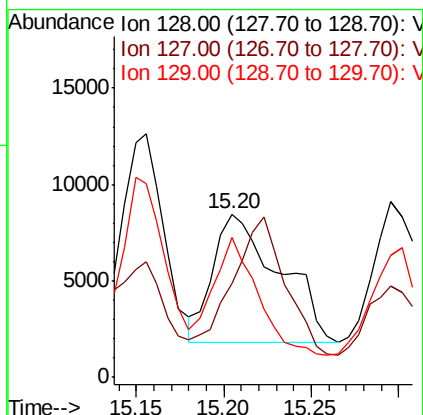
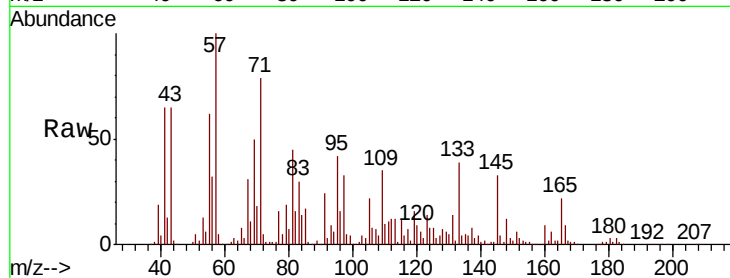




#95
Naphthalene
Concen: 12.278 ug/l
RT: 15.20 min Scan# 2209
Delta R.T. -0.04 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-3K-(0-2)

Tot Ion:128 Resp: 17642
Ion Ratio Lower Upper
128 100
127 85.5 10.1 15.1#
129 62.8 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 10.249 ug/l
RT: 15.45 min Scan# 2250
Delta R.T. 0.02 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Tgt Ion:180 Resp: 5840
Ion Ratio Lower Upper
180 100
182 0.0 47.1 141.3#
145 0.0 16.7 50.1#

