

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002983.D
 Acq On : 22 Jun 2020 18:57
 Operator : SY/MD
 Sample : L3082-02
 Misc : 4.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Quant Time: Jun 23 08:19:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	306664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	464048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	440678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	235438	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	136985	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
35) Dibromofluoromethane	7.72	113	139421	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
50) Toluene-d8	10.18	98	528297	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.48	95	196775	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.94	59	659	Below Cal	#	74
13) Acrolein	3.69	56	357	1.403	ug/l #	1
16) Acetone	3.95	43	8537	13.608	ug/l #	55
18) Methyl Acetate	4.49	43	769	Below Cal	#	68
20) Methylene Chloride	4.72	84	24726	1.736	ug/l	92
25) 2-Butanone	6.99	43	2166	2.304	ug/l #	66
31) Cyclohexane	7.78	56	19618	4.510	ug/l #	76
36) 1,1-Dichloropropene	7.80	75	16940	4.495	ug/l #	48
38) Carbon Tetrachloride	7.80	117	26085	6.280	ug/l #	17
39) Methylcyclohexane	9.19	83	20243	4.075	ug/l #	86
43) Isopropyl Acetate	8.27	43	4679	1.201	ug/l #	50
47) Bromodichloromethane	9.49	83	4834	1.285	ug/l #	25
48) Methyl methacrylate	9.32	41	5226	2.989	ug/l #	21
51) 4-Methyl-2-Pentanone	10.11	43	12929	6.261	ug/l #	77
52) Toluene	10.24	92	317067	43.664	ug/l	98
55) 1,1,2-Trichloroethane	10.61	97	6175	2.570	ug/l #	24
59) 2-Hexanone	10.80	43	6147	4.234	ug/l #	26
67) Ethyl Benzene	11.59	91	419251	29.138	ug/l	98
68) m/p-Xylenes	11.70	106	738705	132.119	ug/l	97
69) o-Xylene	12.03	106	298055	56.553	ug/l	100
70) Styrene	12.03	104	15298	1.680	ug/l #	1
73) Isopropylbenzene	12.33	105	246408	17.077	ug/l	100
74) N-ethyl acetate	12.12	43	4623	1.244	ug/l #	58
76) 1,2,3-Trichloropropane	12.67	75	3377	1.647	ug/l #	100
77) Bromobenzene	12.67	156	28876	7.643	ug/l #	21
78) n-propylbenzene	12.67	91	534607	31.935	ug/l	97
79) 2-Chlorotoluene	12.74	91	138053	14.724	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.81	105	573098	47.643	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.48	75	93481	87.042	ug/l #	16
82) 4-Chlorotoluene	12.81	91	56626	5.743	ug/l #	39
83) tert-Butylbenzene	13.12	119	263085	24.417	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.12	105	2065913	170.677	ug/l	98
85) sec-Butylbenzene	13.12	105	2065913	140.951	ug/l #	54
86) p-Isopropyltoluene	13.31	119	43056	3.132	ug/l	98

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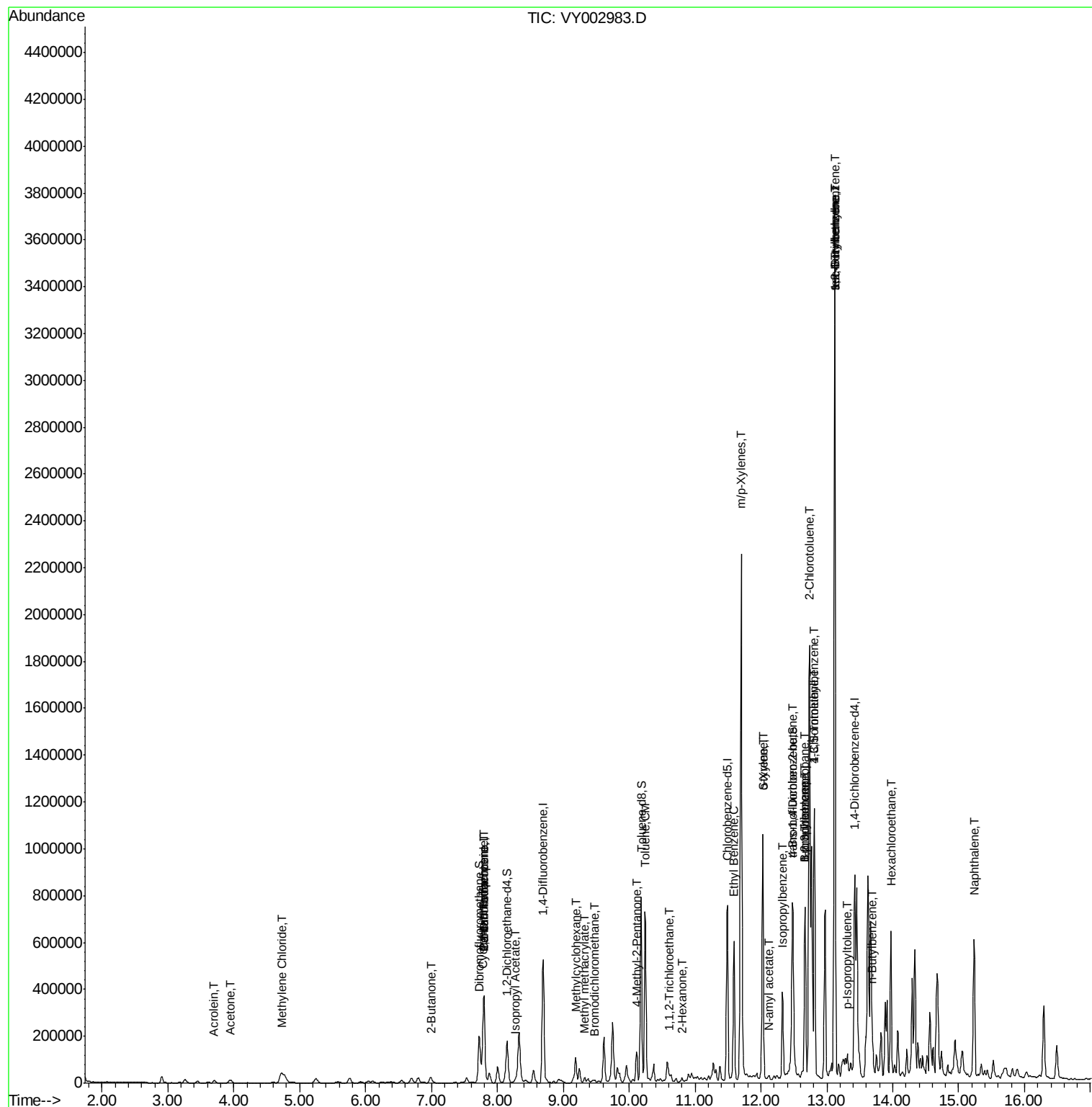
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.69	91	78924	6.350	ug/l #	75
90) Hexachloroethane	13.97	117	30288	11.828	ug/l #	4
95) Naphthalene	15.23	128	498012	51.378	ug/l	100

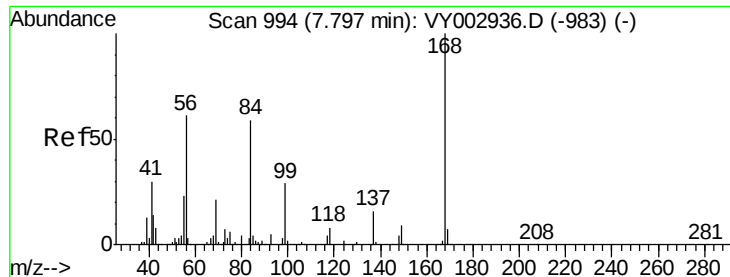
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

ClientSampled :

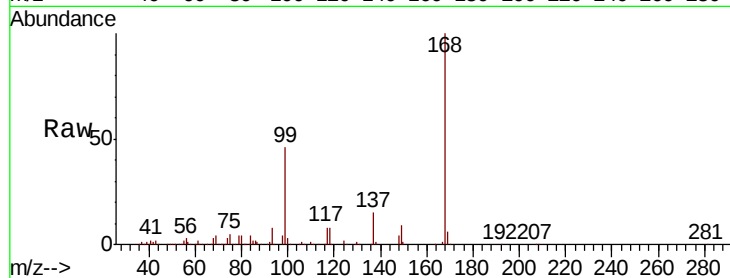
SB-2

Tot Ion:168 Resp: 306664

Ion Ratio Lower Upper

168 100

99 46.4 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002983.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002983.D (-945) (-)

7.80

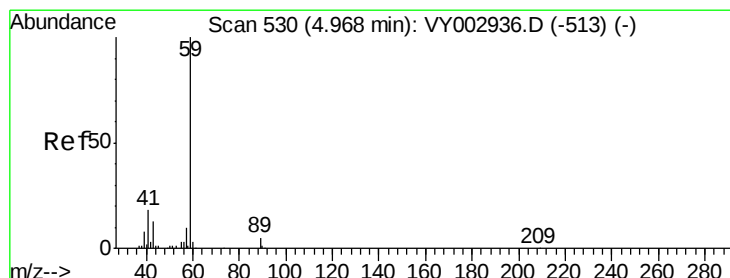
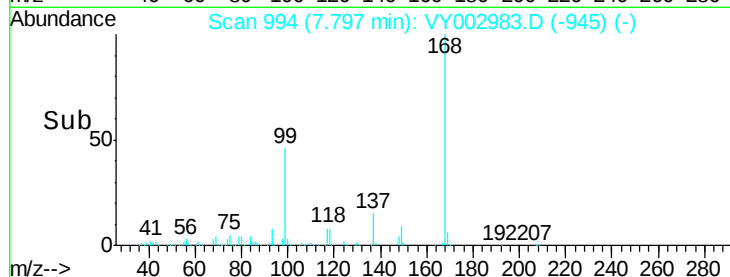
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.94 min Scan# 525

Delta R.T. -0.03 min

Lab File: VY002983.D

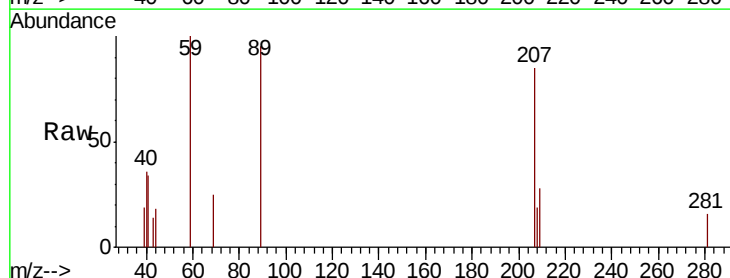
Acq: 22 Jun 2020 18:57

Tgt Ion: 59 Resp: 659

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY002983.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY002983.D (-481) (-)

4.94

500

400

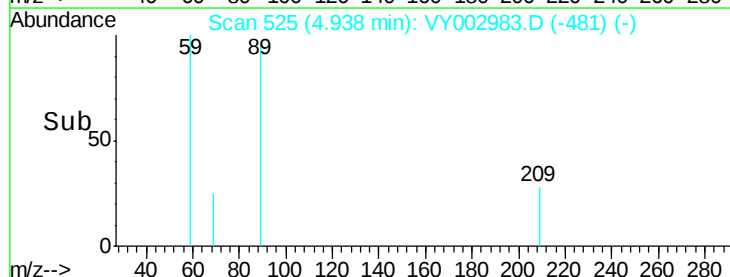
300

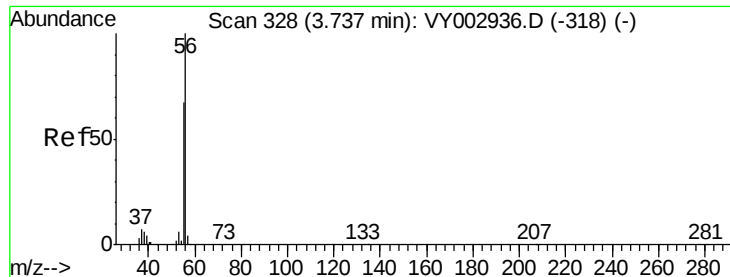
200

100

0

Time-->





#13

Acrolein

Concen: 1.403 ug/l

RT: 3.69 min Scan# 321

Delta R.T. -0.04 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

ClientSampleId :

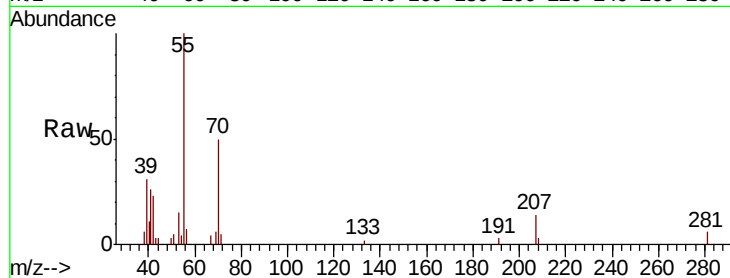
SB-2

Tot Ion: 56 Resp: 357

Ion Ratio Lower Upper

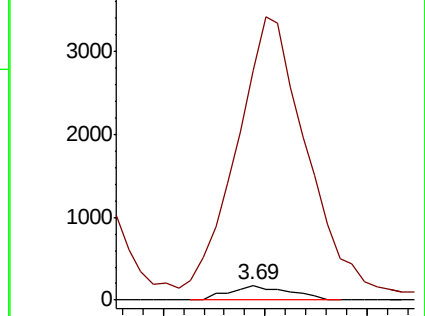
56 100

55 2378.7 55.3 82.9#

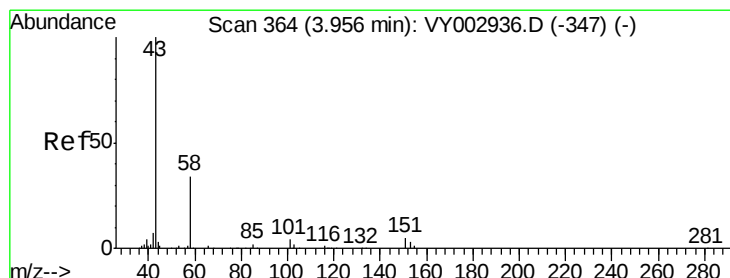
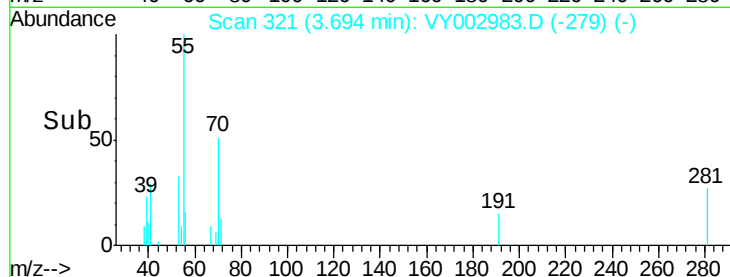


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



Time-->



#16

Acetone

Concen: 13.608 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002983.D

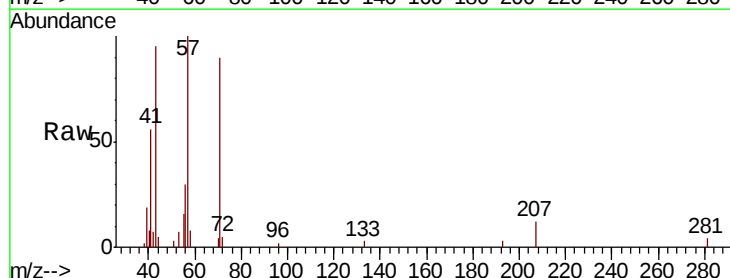
Acq: 22 Jun 2020 18:57

Tgt Ion: 43 Resp: 8537

Ion Ratio Lower Upper

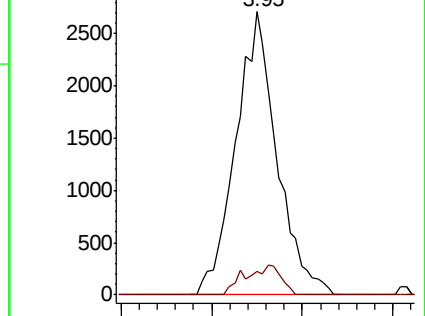
43 100

58 8.4 27.3 40.9#

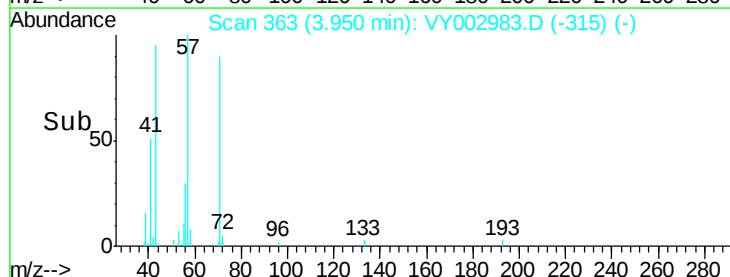


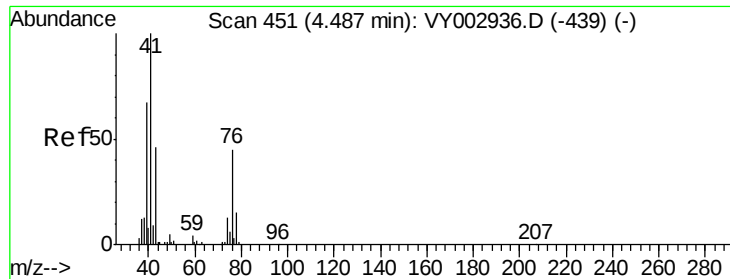
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->

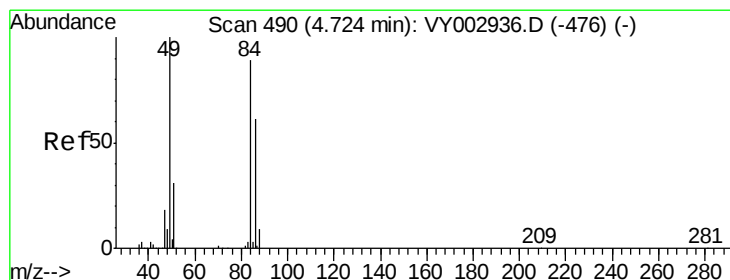
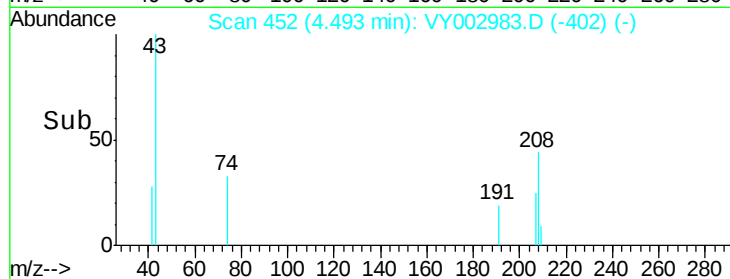
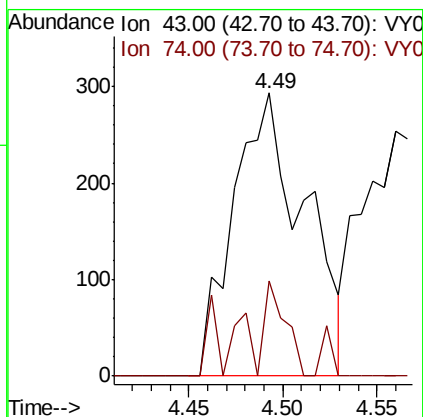
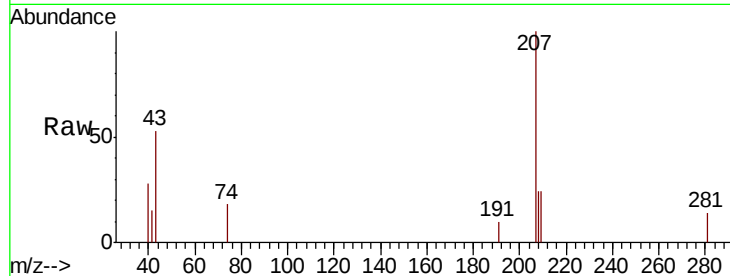




#18
Methyl Acetate
Concen: Below Cal
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

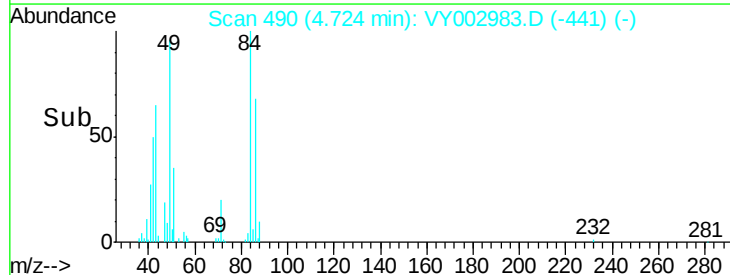
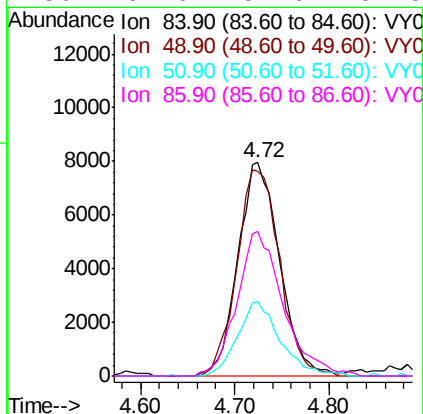
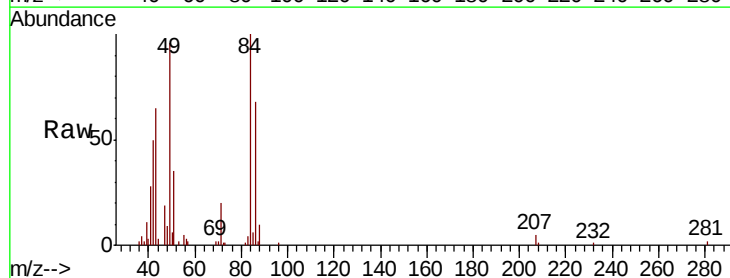
Instrument :
MSVOA_Y
ClientSampled :
SB-2

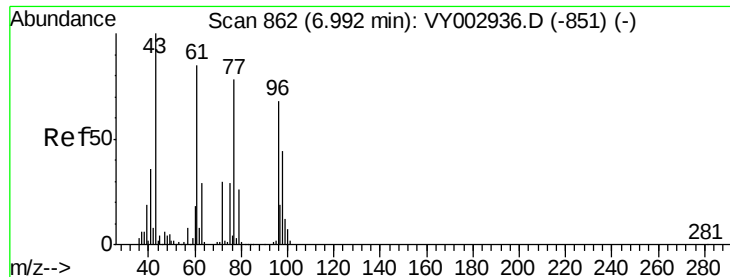
Tot Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
74 9.9 21.1 31.7#



#20
Methylene Chloride
Concen: 1.736 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Tgt Ion: 84 Resp: 24726
Ion Ratio Lower Upper
84 100
49 95.9 90.0 135.0
51 34.7 27.9 41.9
86 67.6 54.6 81.8





#25

2-Butanone

Concen: 2.304 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

ClientSampleId :

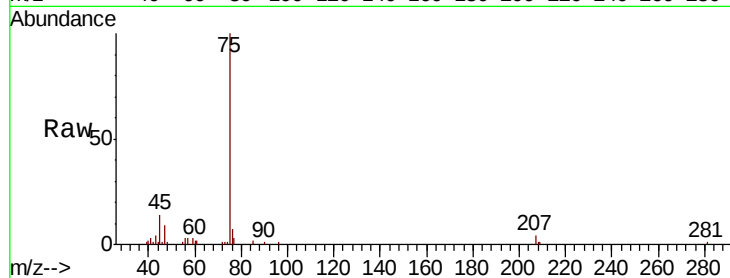
SB-2

Tot Ion: 43 Resp: 2166

Ion Ratio Lower Upper

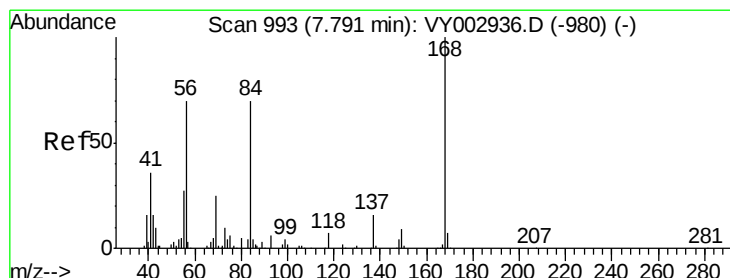
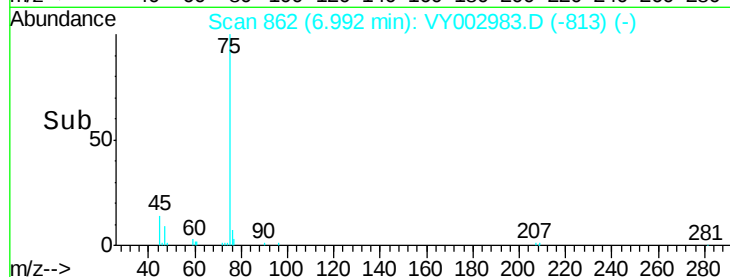
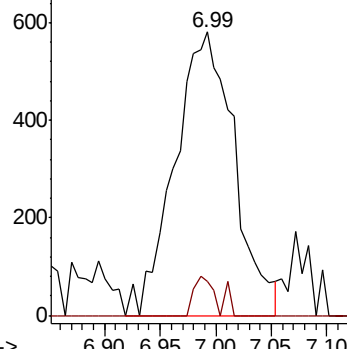
43 100

72 12.0 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#31

Cyclohexane

Concen: 4.510 ug/l

RT: 7.78 min Scan# 991

Delta R.T. -0.01 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

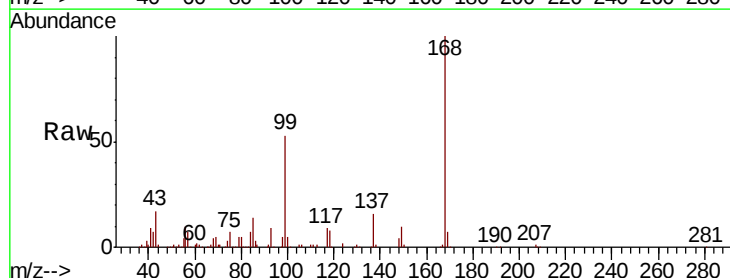
Tgt Ion: 56 Resp: 19618

Ion Ratio Lower Upper

56 100

69 46.2 28.9 43.3#

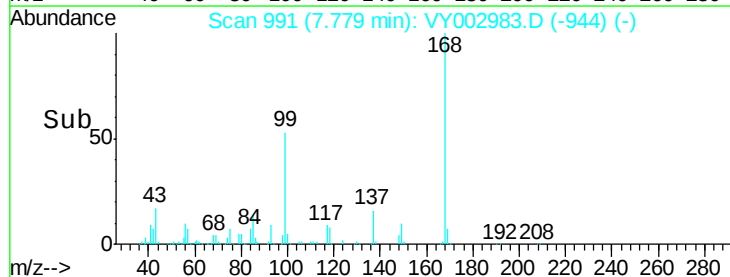
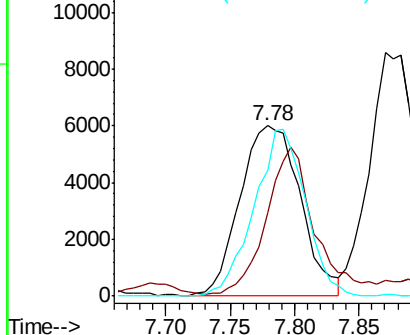
84 74.0 80.1 120.1#

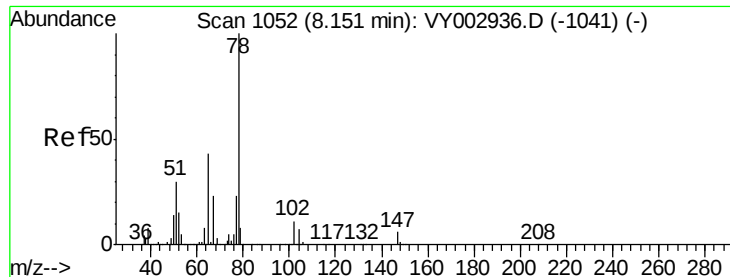


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0





#33

1,2-Dichloroethane-d4

Concen: 54.080 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

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ClientSampleId :

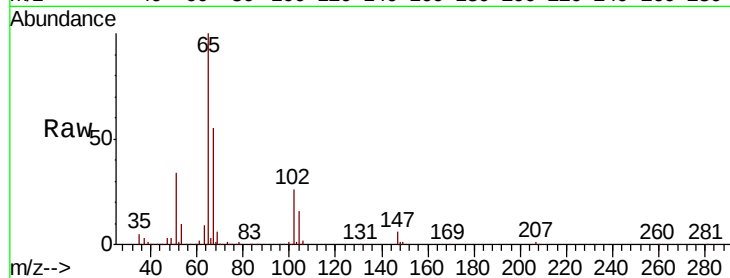
SB-2

Tot Ion: 65 Resp: 136985

Ion Ratio Lower Upper

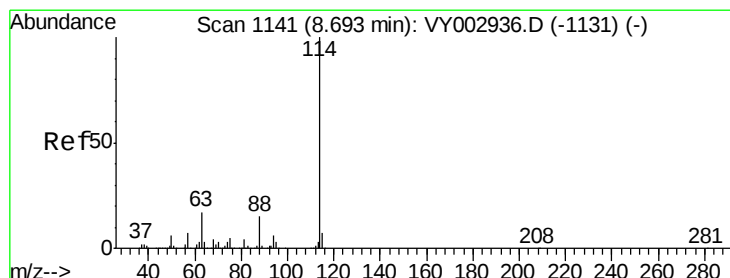
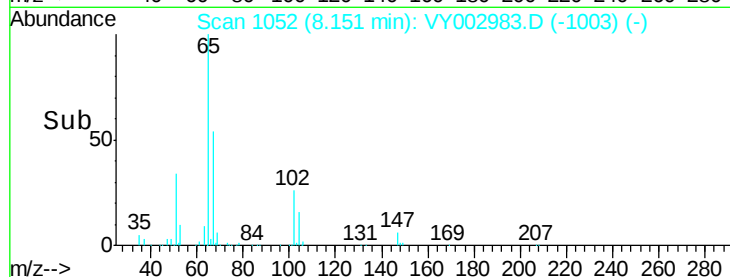
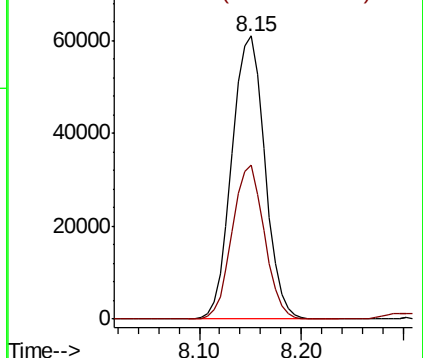
65 100

67 53.1 0.0 109.4



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: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

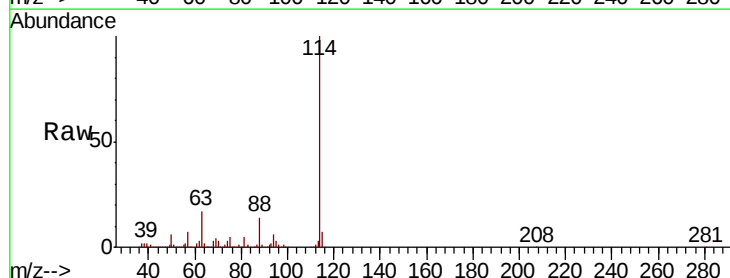
Tgt Ion: 114 Resp: 464048

Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.6

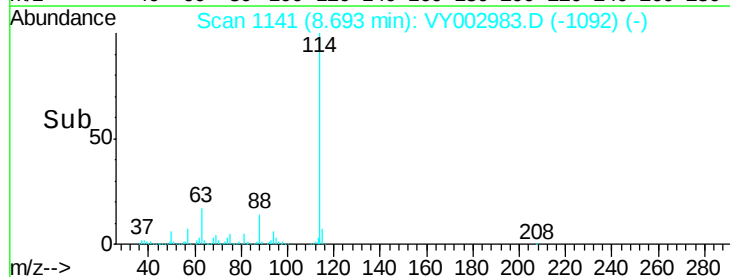
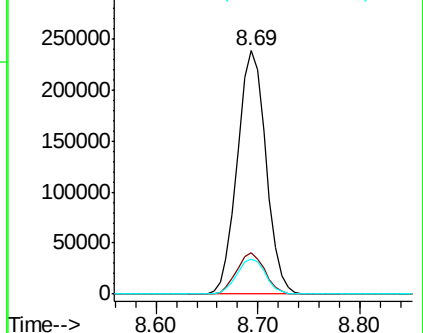
88 14.4 0.0 29.2

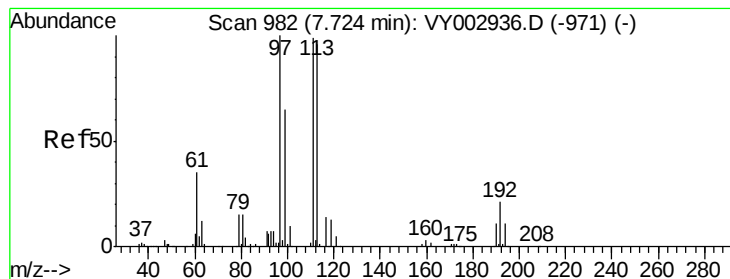


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 53.099 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002983.D

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ClientSampleId :

SB-2

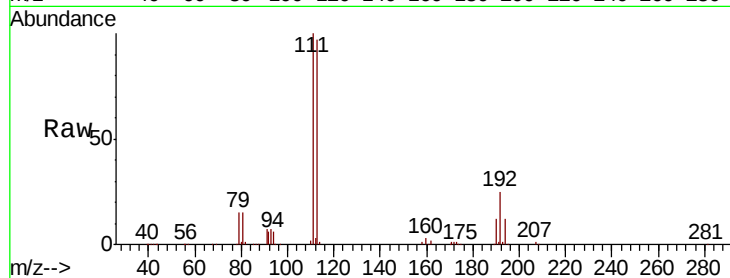
Tot Ion:113 Resp: 139421

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

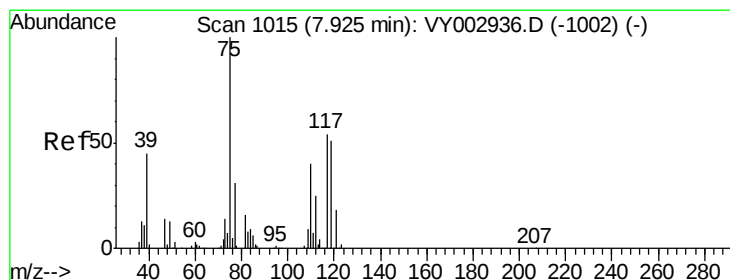
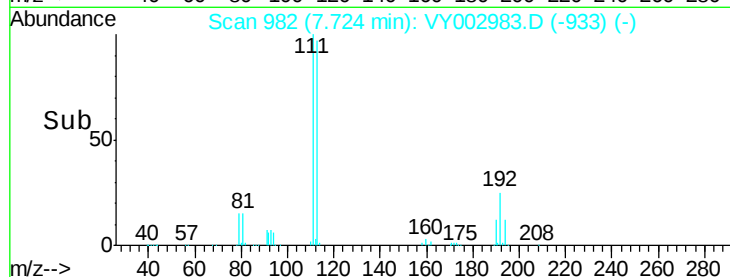
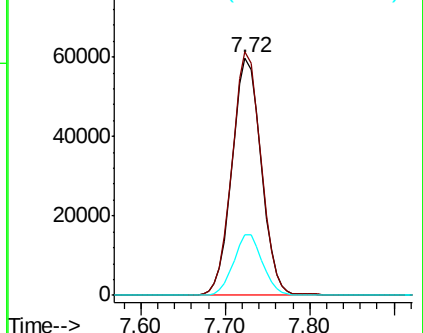
192 25.2 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.495 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

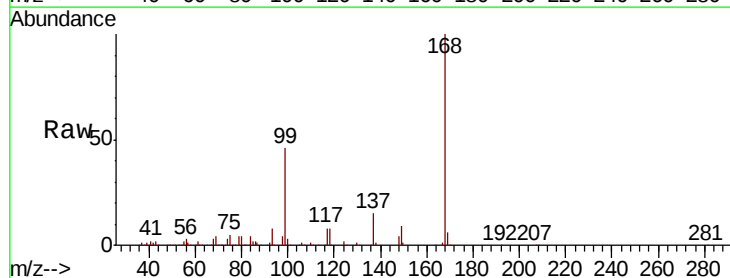
Tgt Ion: 75 Resp: 16940

Ion Ratio Lower Upper

75 100

110 9.7 19.7 59.0#

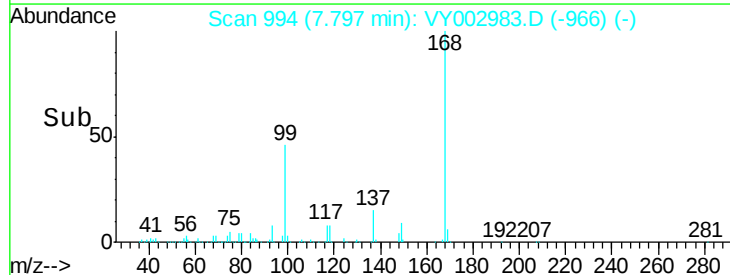
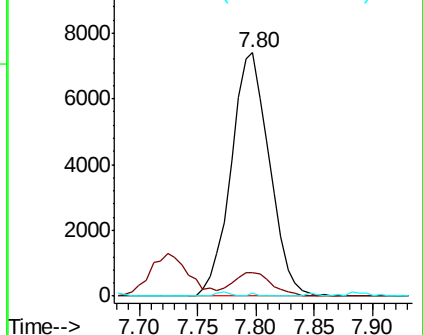
77 0.2 25.0 37.4#

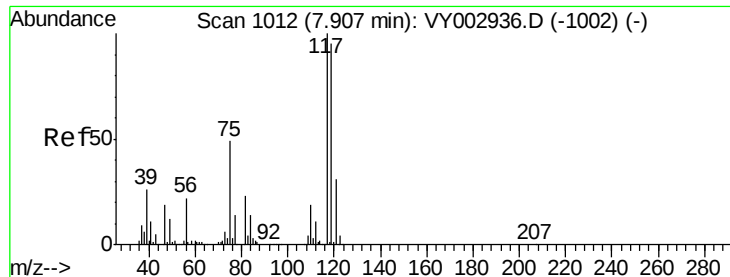


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.280 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

ClientSampled :

SB-2

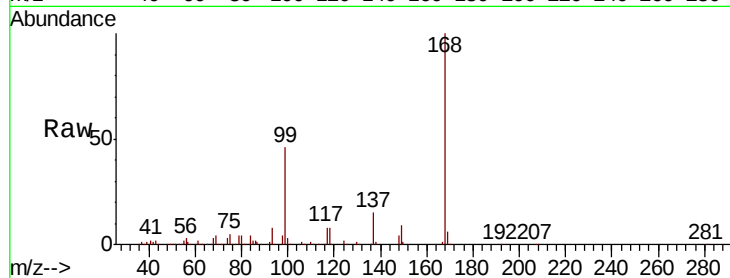
Tot Ion:117 Resp: 26085

Ion Ratio Lower Upper

117 100

119 5.4 76.1 114.1#

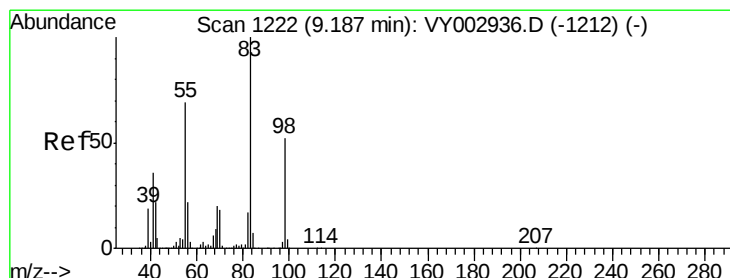
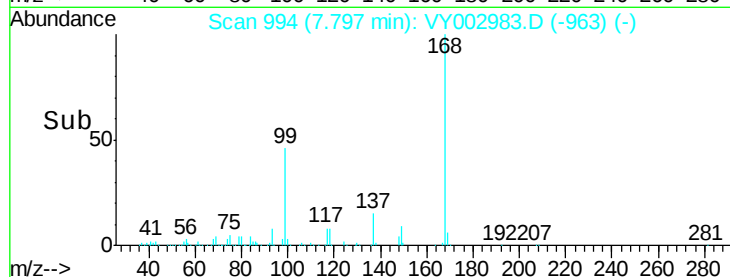
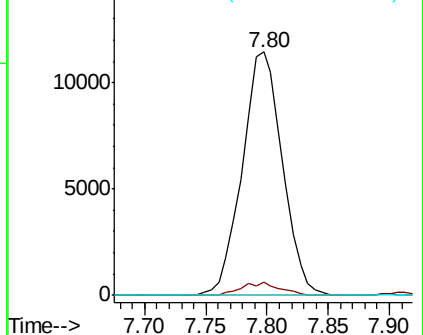
121 0.0 24.8 37.2#



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: 4.075 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

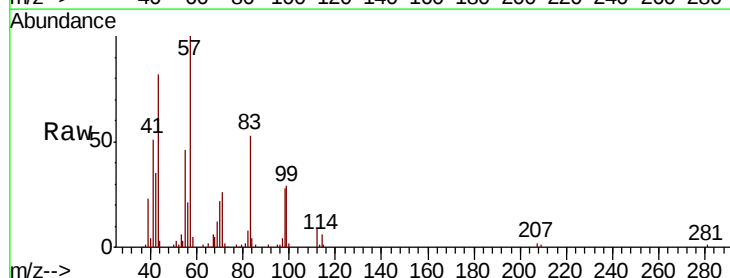
Tgt Ion: 83 Resp: 20243

Ion Ratio Lower Upper

83 100

55 86.8 55.0 82.4#

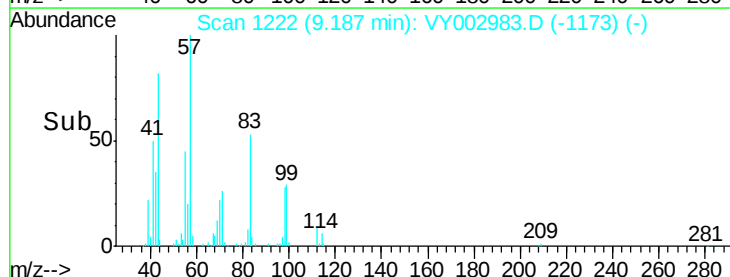
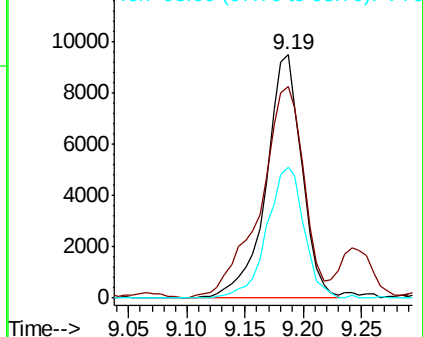
98 54.0 41.4 62.2

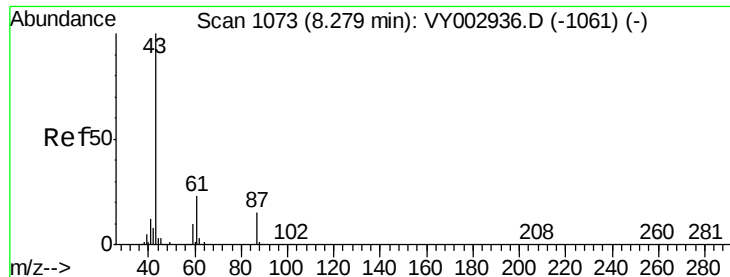


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#43

Isopropyl Acetate

Concen: 1.201 ug/l

RT: 8.27 min Scan# 1071

Delta R.T. -0.01 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

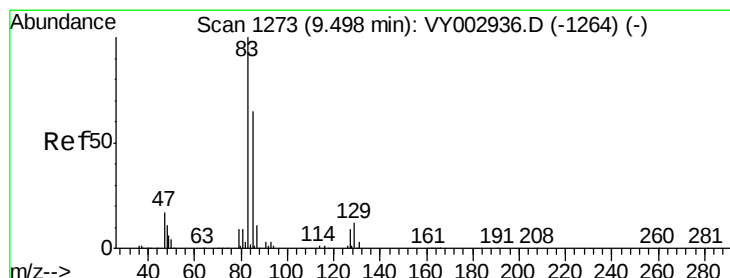
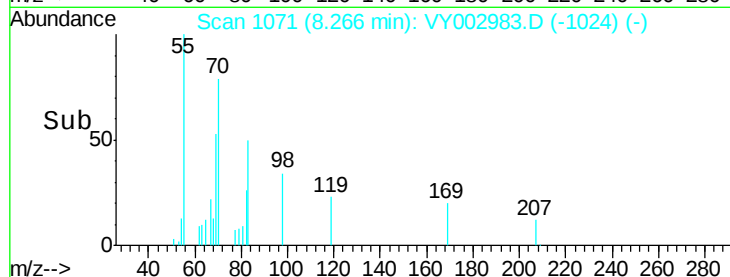
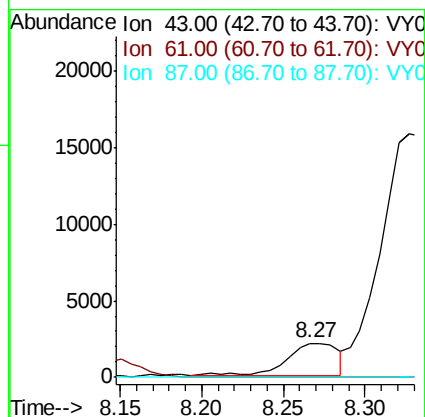
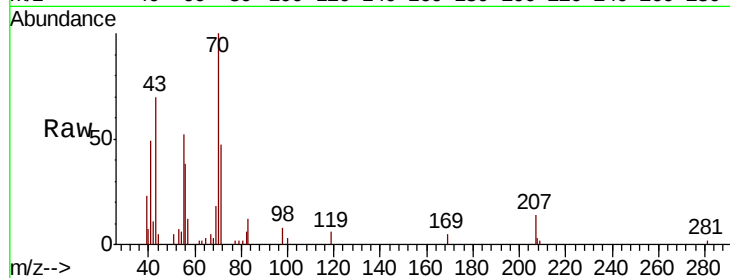
Tot Ion: 43 Resp: 4679

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.4#

87 0.0 12.6 18.8#



#47

Bromodichloromethane

Concen: 1.285 ug/l

RT: 9.49 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

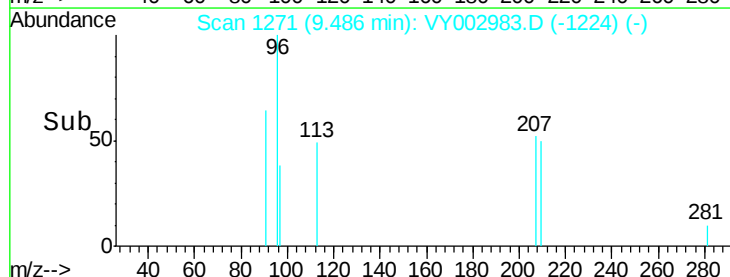
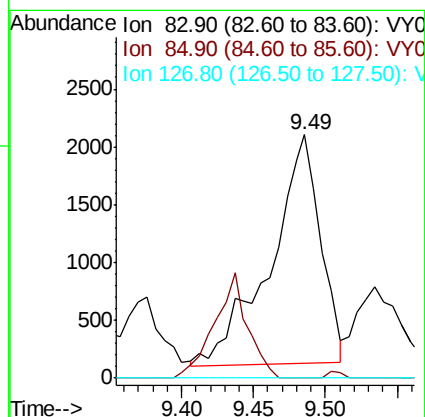
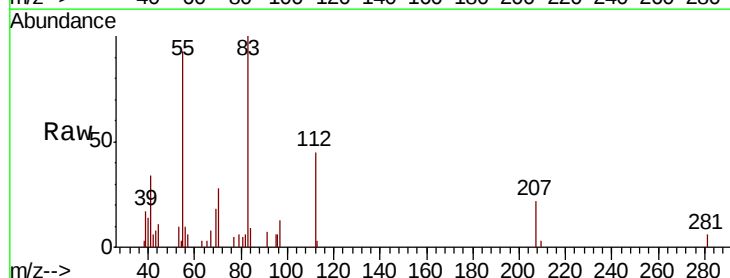
Tgt Ion: 83 Resp: 4834

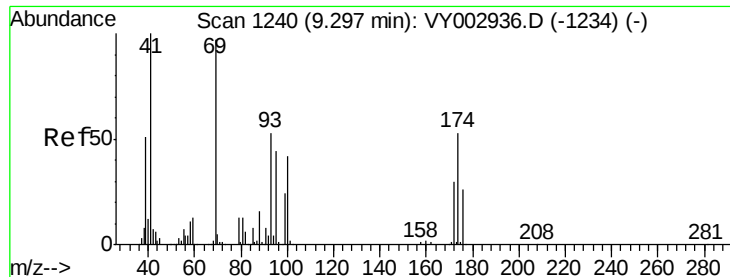
Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#

127 0.0 7.4 11.0#

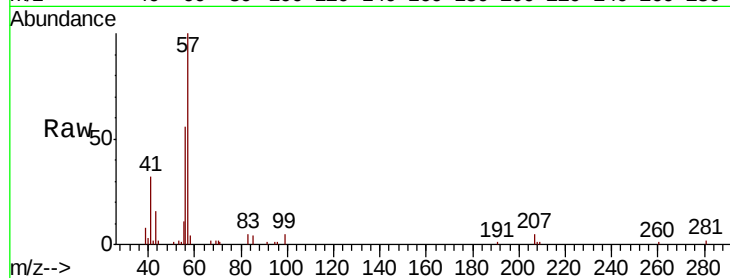




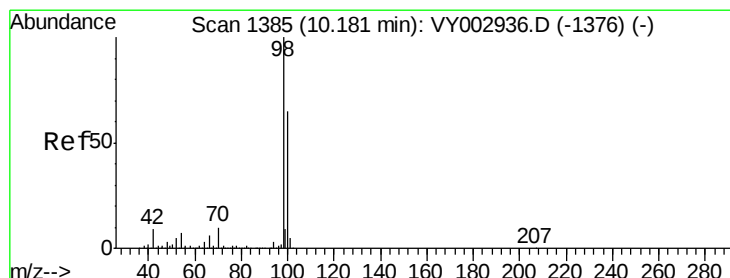
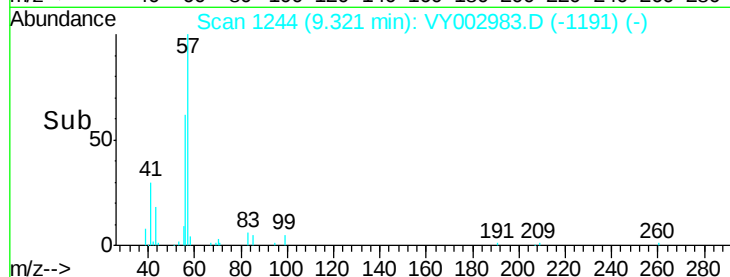
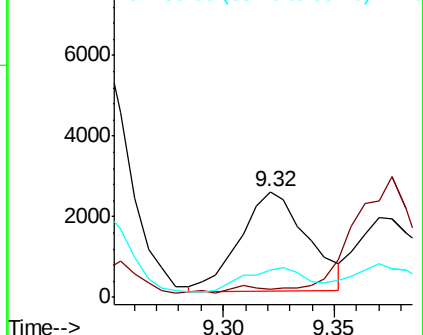
#48
Methvl methacrilate
Concen: 2.989 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.02 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tot Ion: 41 Resp: 5226
Ion Ratio Lower Upper
41 100
69 0.0 79.4 119.0#
39 23.3 41.1 61.7#

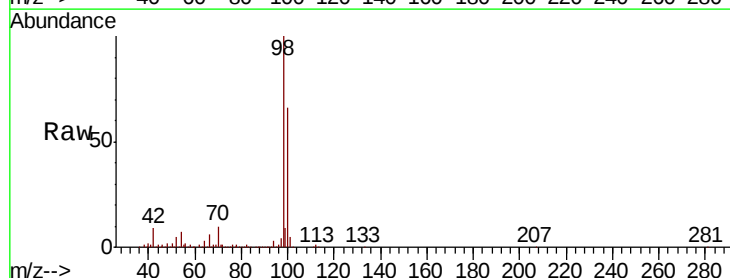


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

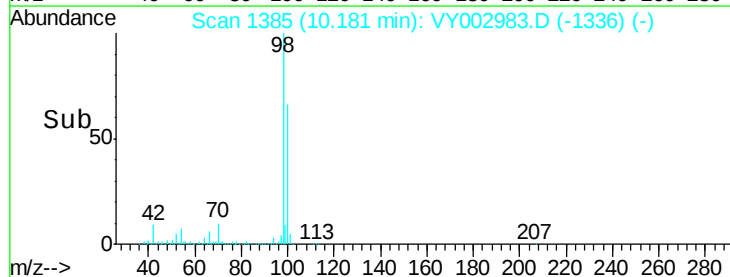
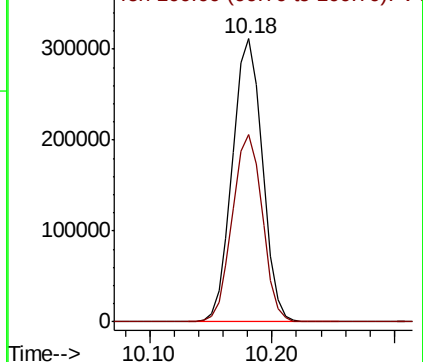


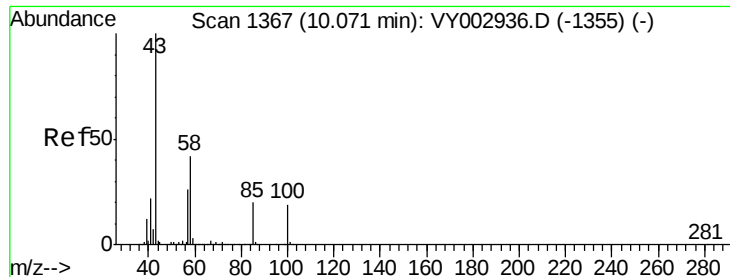
#50
Toluene-d8
Concen: 51.029 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Tgt Ion: 98 Resp: 528297
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



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: 6.261 ug/l

RT: 10.11 min Scan# 1374

Delta R.T. 0.04 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

ClientSampleId :

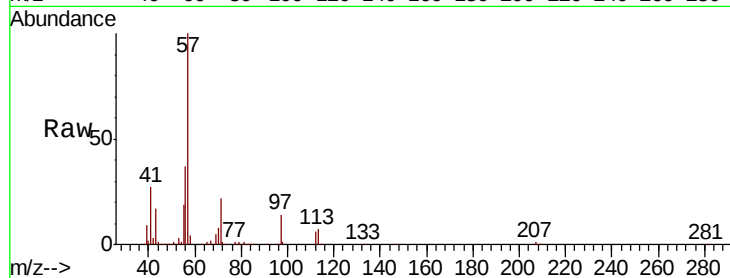
SB-2

Tot Ion: 43 Resp: 12929

Ion Ratio Lower Upper

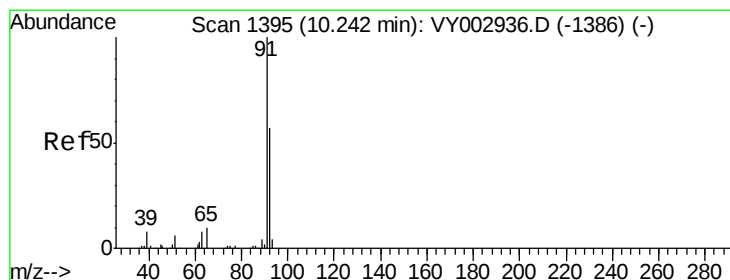
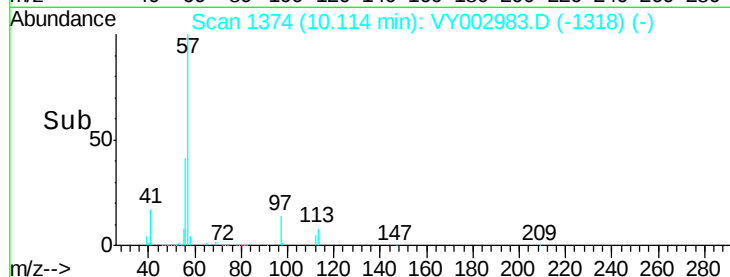
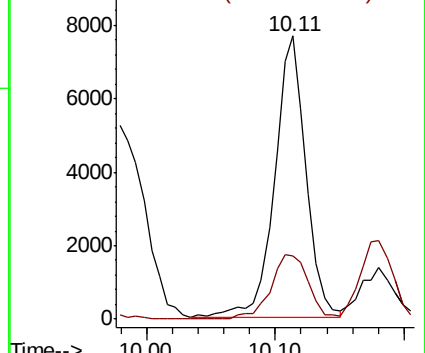
43 100

58 27.6 33.9 50.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 43.664 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002983.D

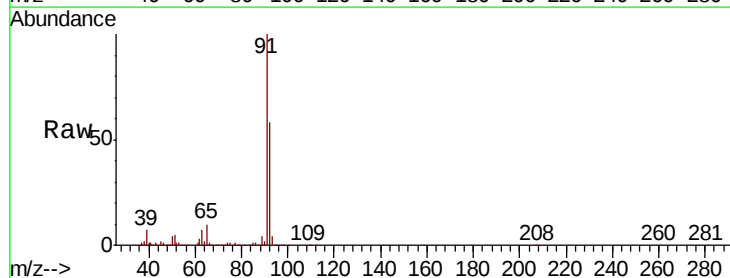
Acq: 22 Jun 2020 18:57

Tgt Ion: 92 Resp: 317067

Ion Ratio Lower Upper

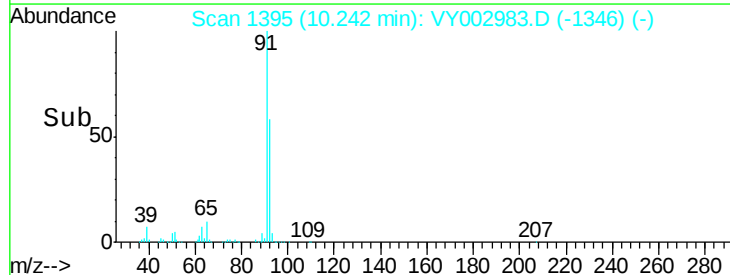
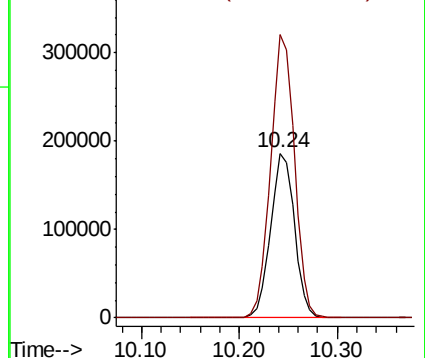
92 100

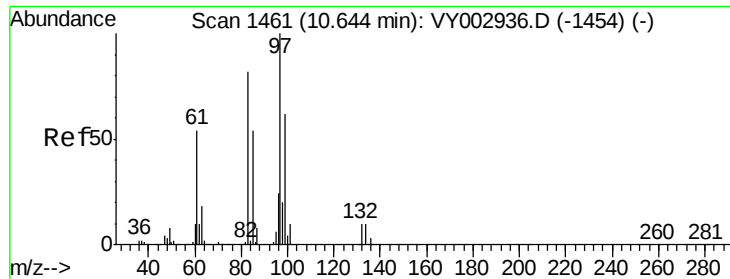
91 171.9 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

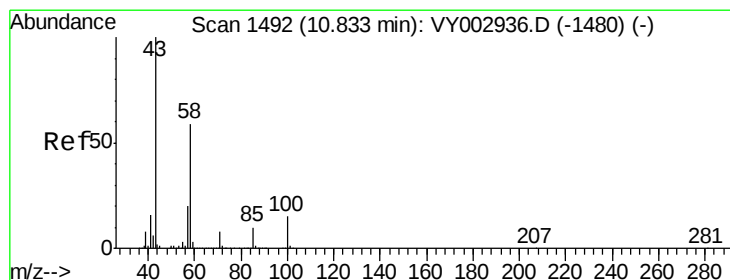
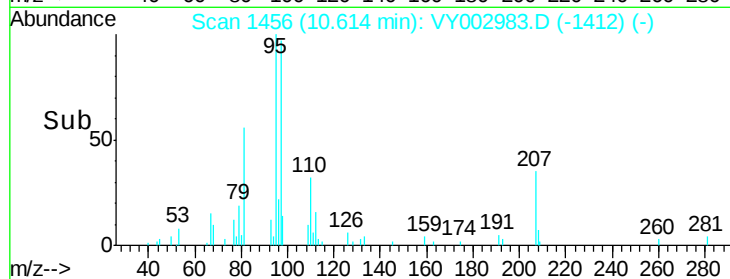
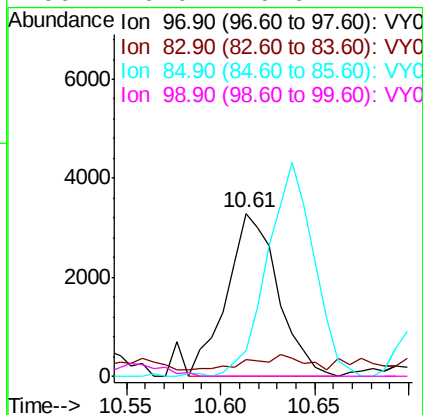
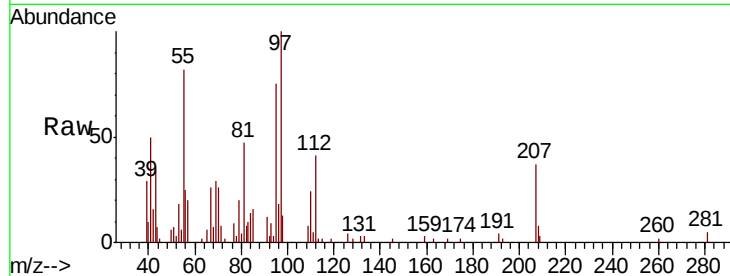




#55
 1,1,2-Trichloroethane
 Concen: 2.570 ug/l
 RT: 10.61 min Scan# 1456
 Delta R.T. -0.03 min
 Lab File: VY002983.D
 Acq: 22 Jun 2020 18:57

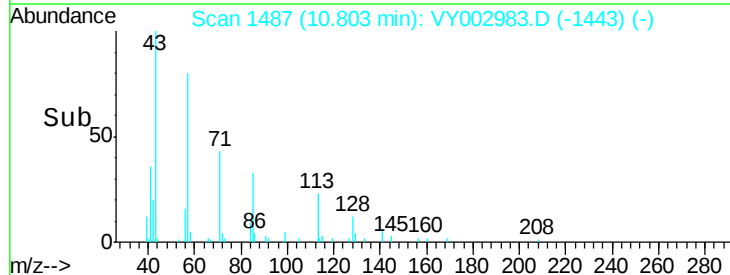
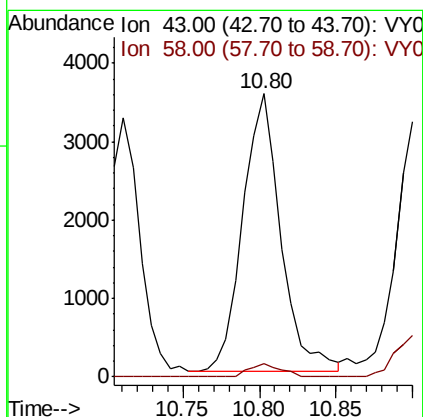
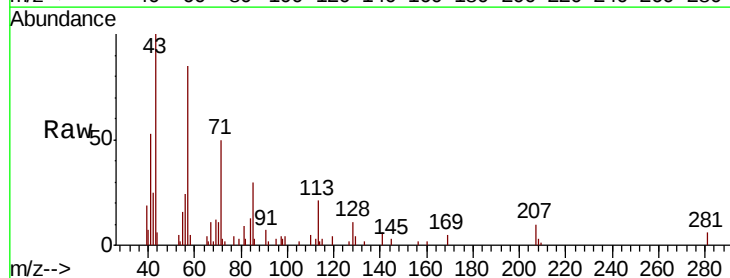
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

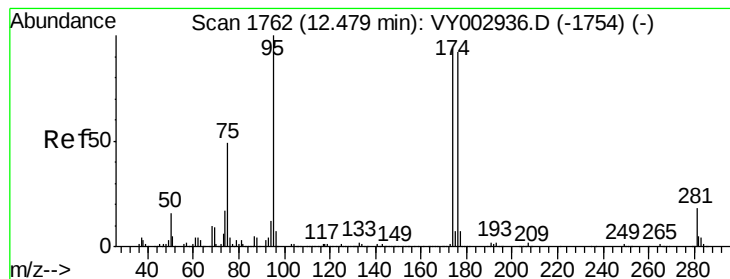
Tot Ion: 97 Resp: 6175
 Ion Ratio Lower Upper
 97 100
 83 5.8 65.9 98.9#
 85 13.8 43.1 64.7#
 99 0.0 49.6 74.4#



#59
 2-Hexanone
 Concen: 4.234 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. -0.03 min
 Lab File: VY002983.D
 Acq: 22 Jun 2020 18:57

Tgt Ion: 43 Resp: 6147
 Ion Ratio Lower Upper
 43 100
 58 4.0 29.7 89.1#





#62

4-Bromofluorobenzene

Concen: 54.794 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

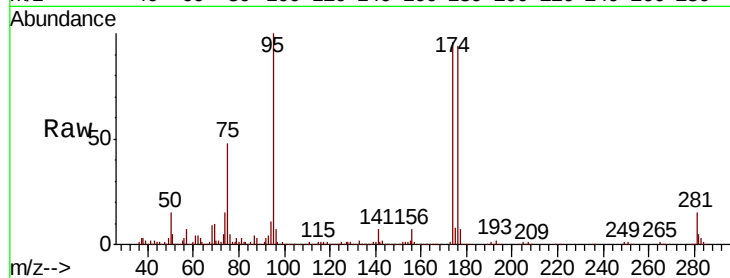
Tot Ion: 95 Resp: 196775

Ion Ratio Lower Upper

95 100

174 98.8 0.0 191.2

176 96.0 0.0 186.0



Abundance Ion 94.90 (94.60 to 95.60): VY002983.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY002983.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY002983.D (-1713) (-)

12.48

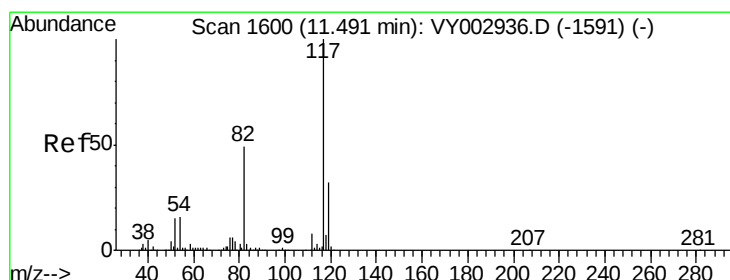
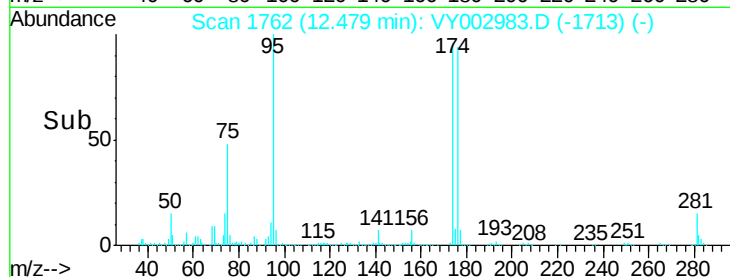
150000

100000

50000

0

Time--> 12.40 12.45 12.50 12.55



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

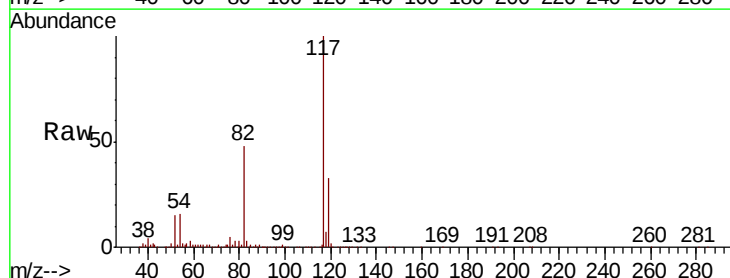
Tgt Ion: 117 Resp: 440678

Ion Ratio Lower Upper

117 100

82 48.4 39.4 59.0

119 32.6 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): VY002983.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002983.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002983.D (-1551) (-)

11.49

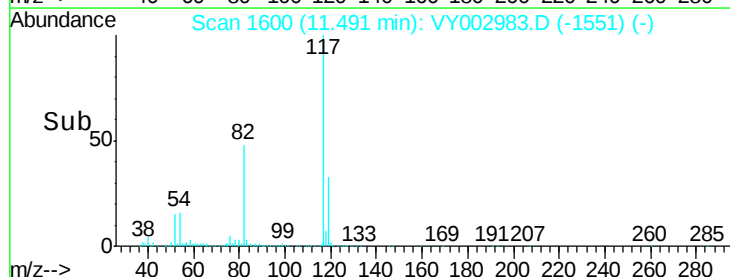
300000

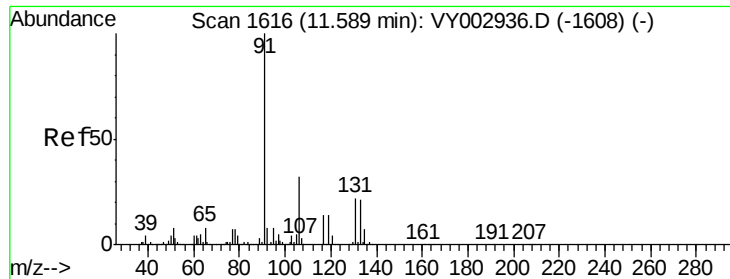
200000

100000

0

Time--> 11.40 11.50 11.60

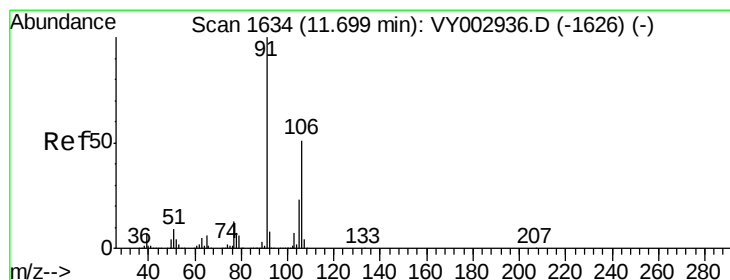
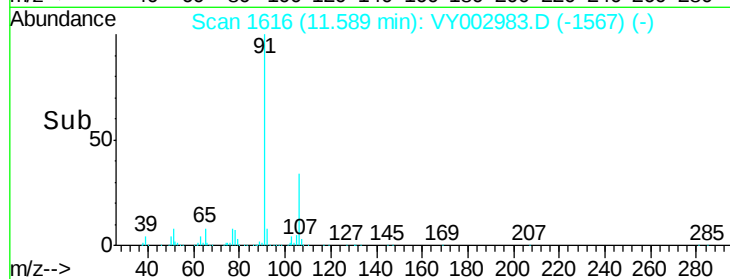
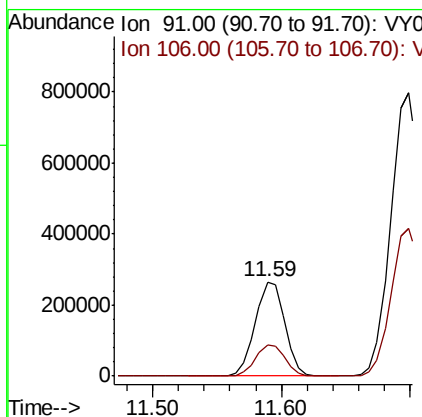
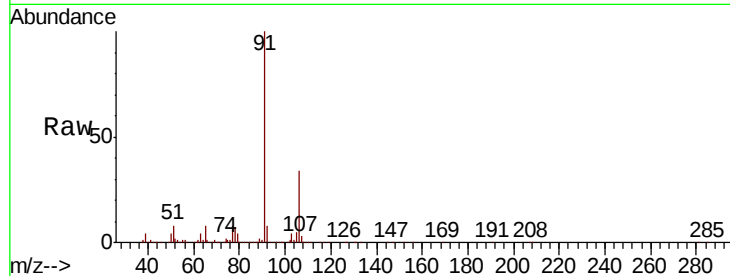




#67
Ethyl Benzene
Concen: 29.138 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

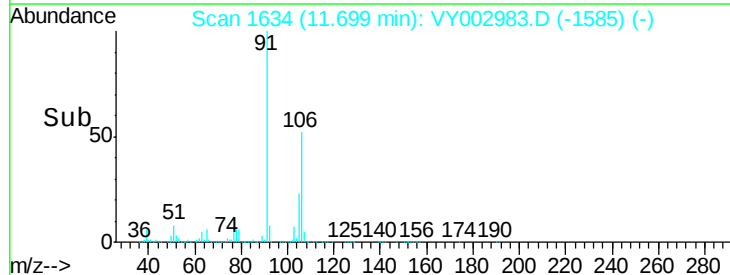
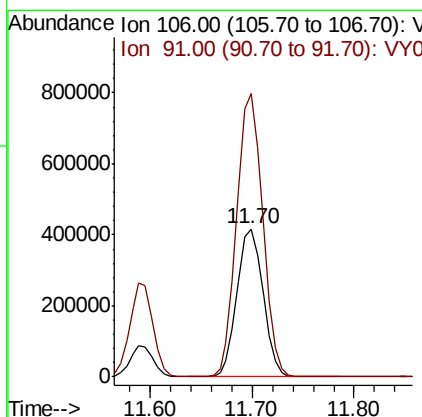
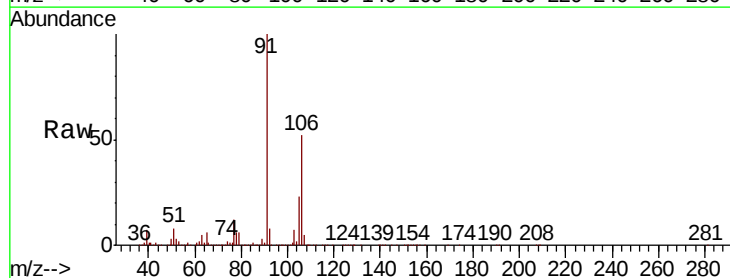
Instrument :
MSVOA_Y
ClientSampled :
SB-2

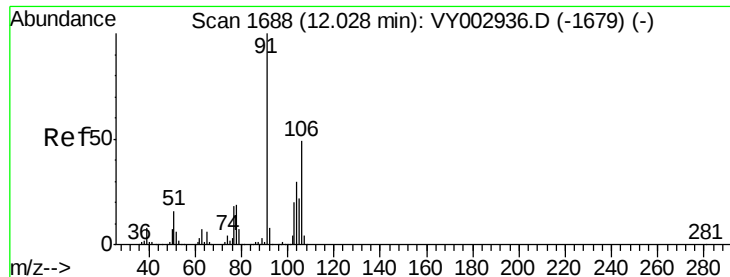
Tot Ion: 91 Resp: 419251
Ion Ratio Lower Upper
91 100
106 33.5 25.8 38.8



#68
m/p-Xylenes
Concen: 132.119 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Tgt Ion: 106 Resp: 738705
Ion Ratio Lower Upper
106 100
91 190.8 155.9 233.9

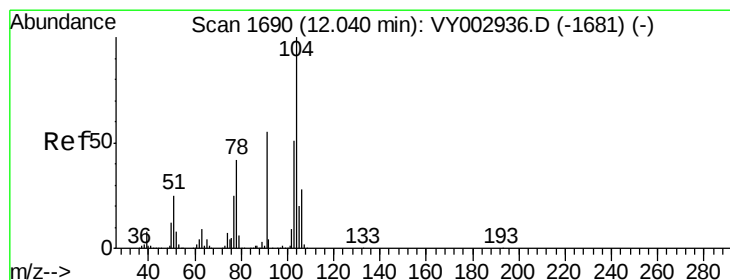
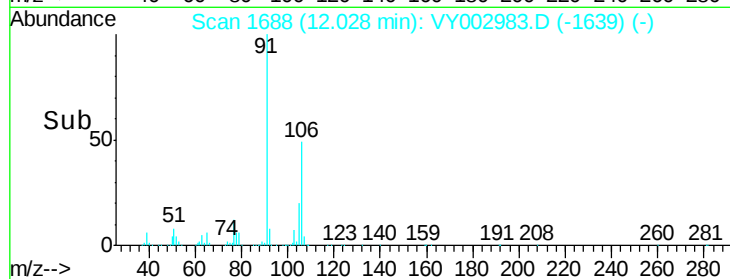
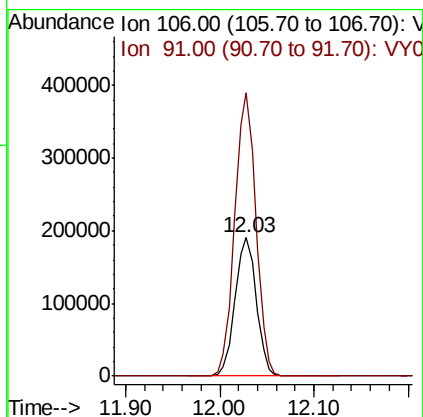
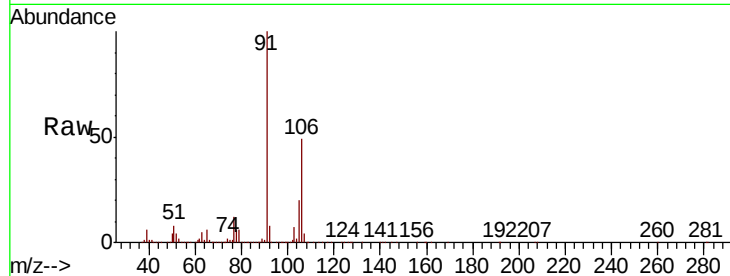




#69
o-Xylene
Concen: 56.553 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

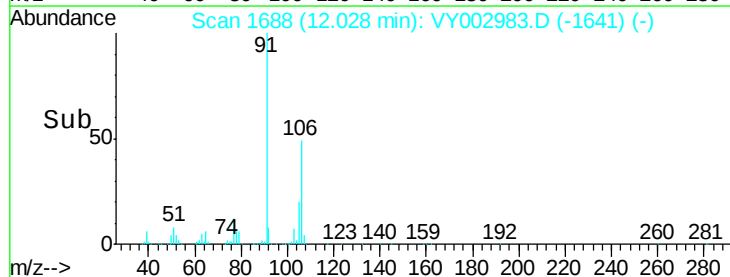
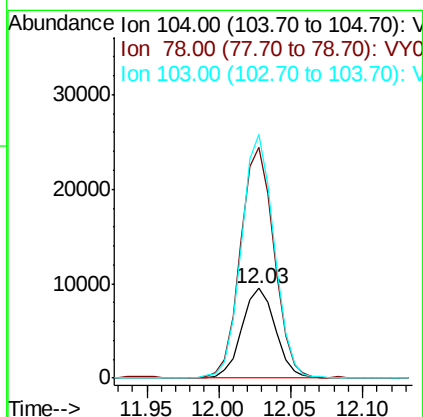
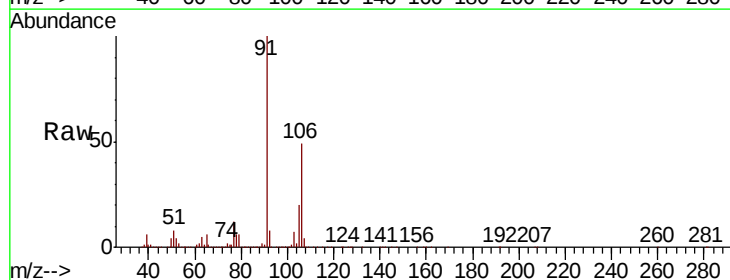
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

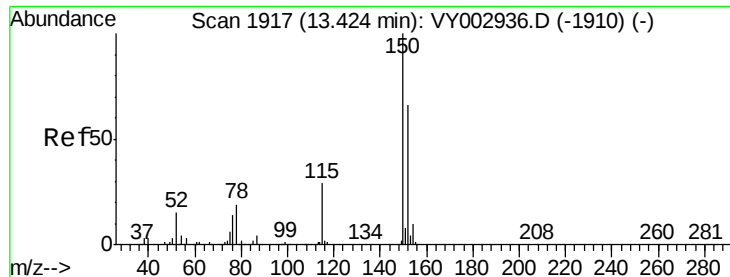
Tot Ion:106 Resp: 298055
Ion Ratio Lower Upper
106 100
91 203.9 102.1 306.1



#70
Styrene
Concen: 1.680 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Tgt Ion:104 Resp: 15298
Ion Ratio Lower Upper
104 100
78 258.6 36.9 55.3#
103 265.2 43.7 65.5#



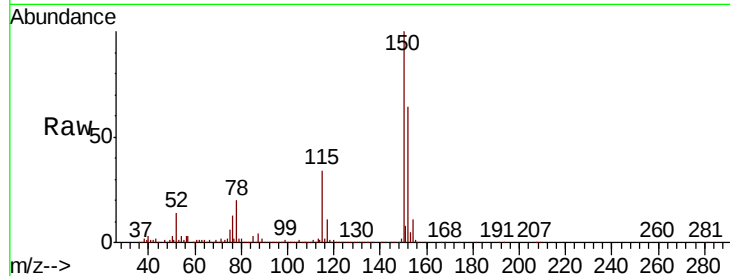


#72

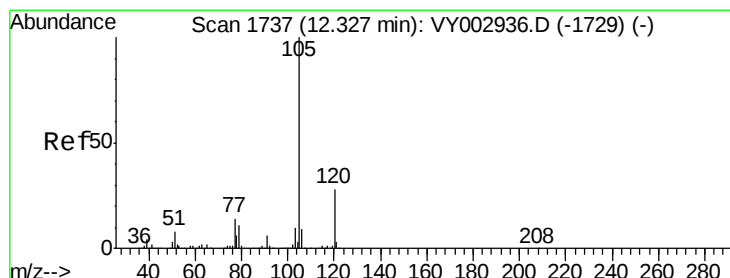
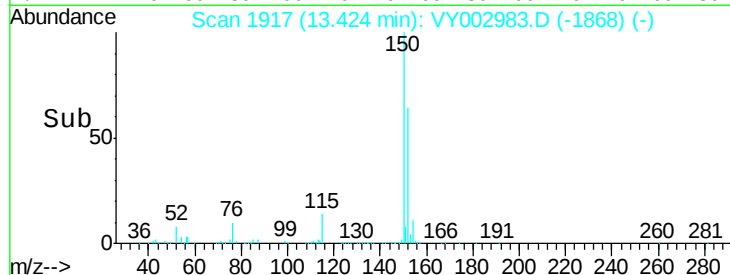
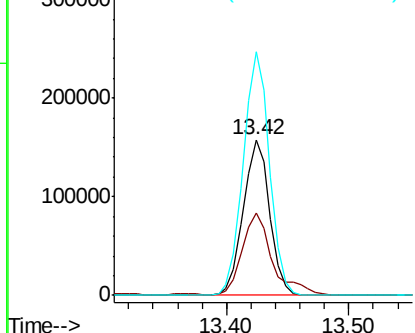
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.2	26.9	80.6
150	155.5	0.0	341.8



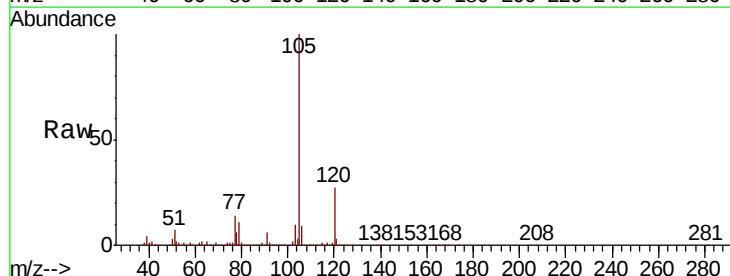
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



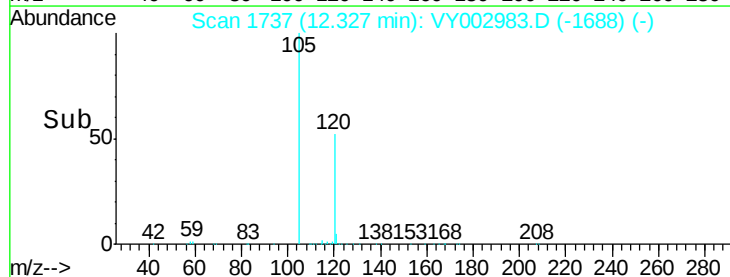
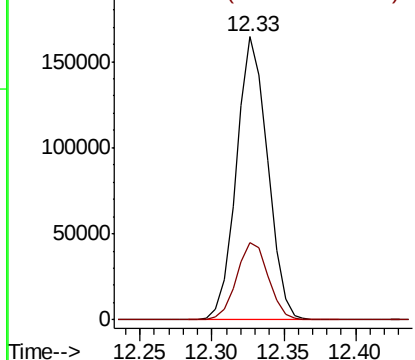
#73

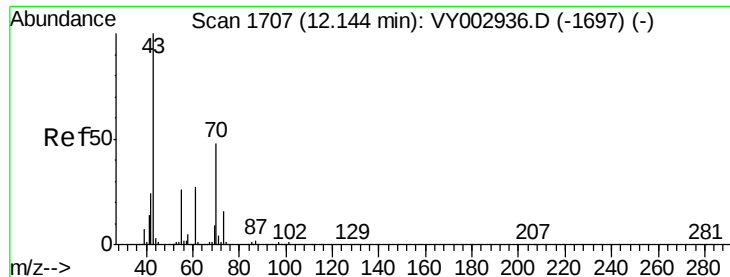
Isopropylbenzene
Concen: 17.077 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.9	14.0	41.9



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





#74

N-amyl acetate

Concen: 1.244 ug/l

RT: 12.12 min Scan# 1703

Delta R.T. -0.02 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

ClientSampled :

SB-2

Tot Ion: 43 Resp: 4623

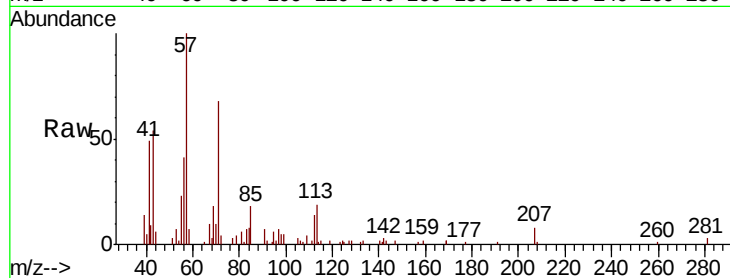
Ion Ratio Lower Upper

43 100

70 16.4 38.0 57.0#

55 14.3 20.3 30.5#

61 0.0 21.4 32.2#

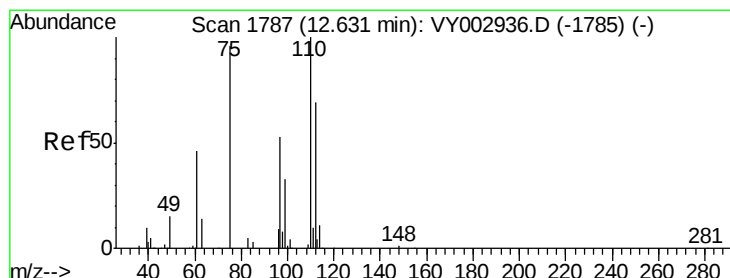
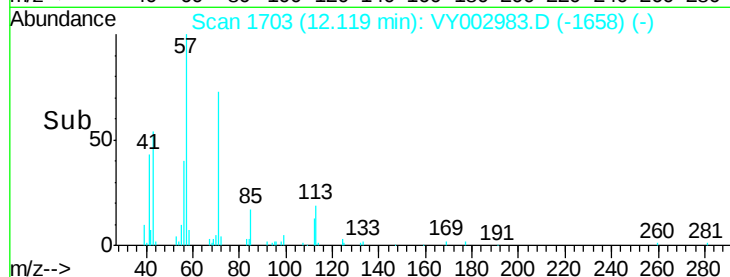
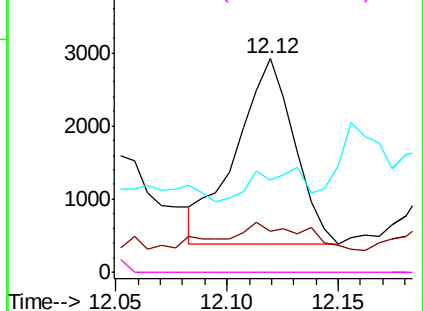


Abundance Ion 43.00 (42.70 to 43.70): VY0

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



#76

1,2,3-Trichloropropane

Concen: 1.647 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.04 min

Lab File: VY002983.D

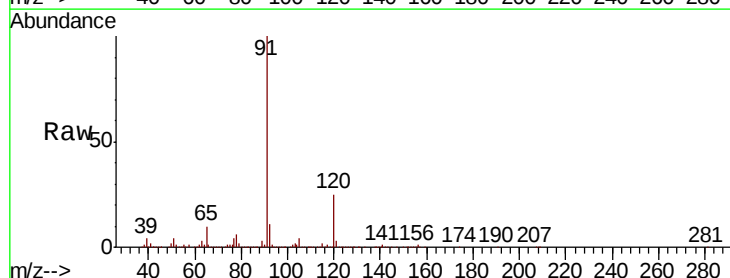
Acq: 22 Jun 2020 18:57

Tgt Ion: 75 Resp: 3377

Ion Ratio Lower Upper

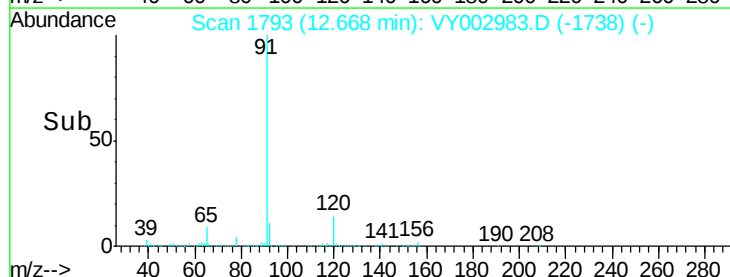
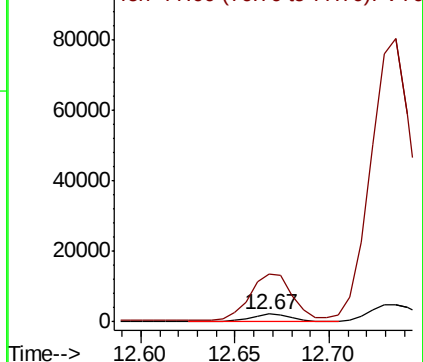
75 100

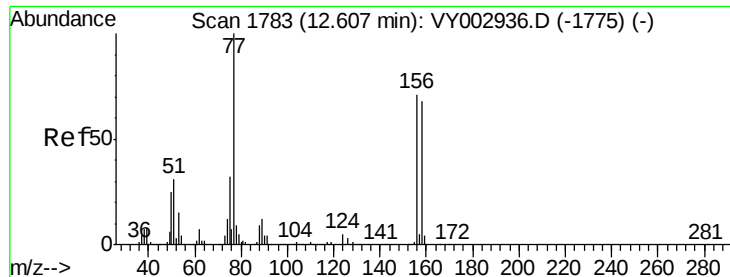
77 620.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 7.643 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.07 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

ClientSampled :

SB-2

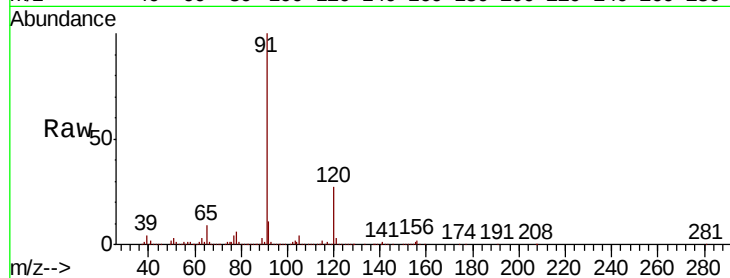
Tot Ion:156 Resp: 28876

Ion Ratio Lower Upper

156 100

77 72.6 80.5 241.5#

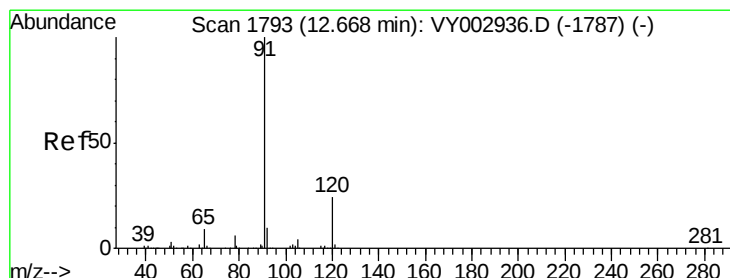
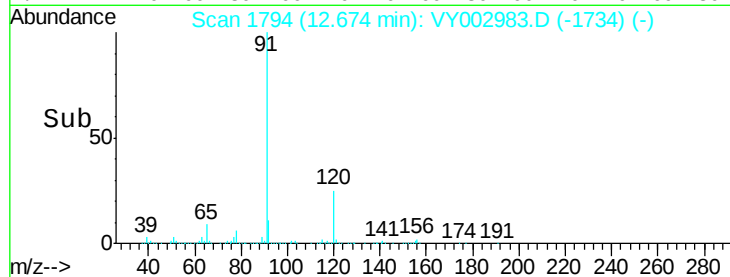
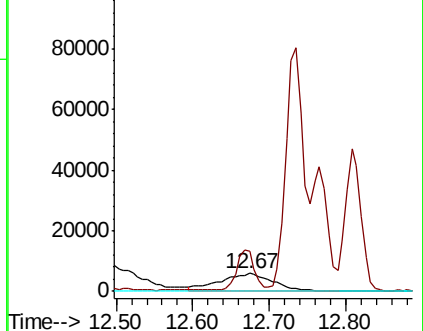
158 0.0 48.2 144.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 31.935 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002983.D

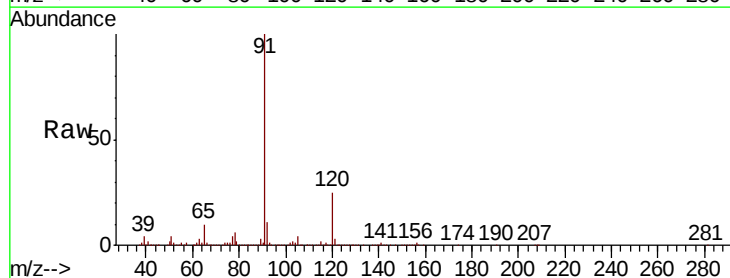
Acq: 22 Jun 2020 18:57

Tgt Ion: 91 Resp: 534607

Ion Ratio Lower Upper

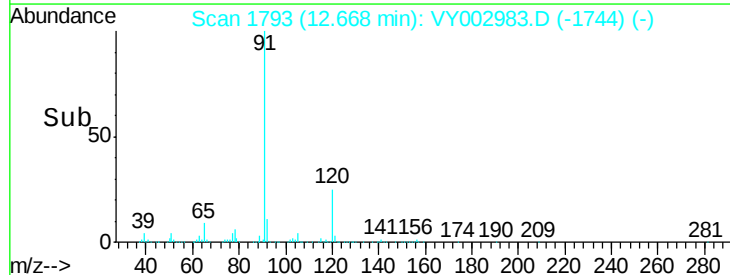
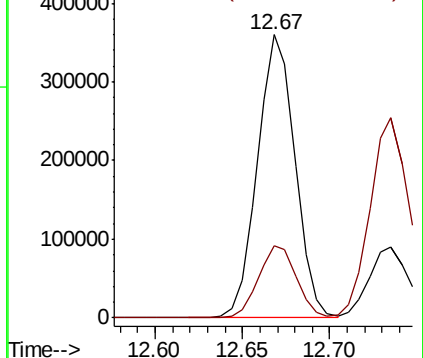
91 100

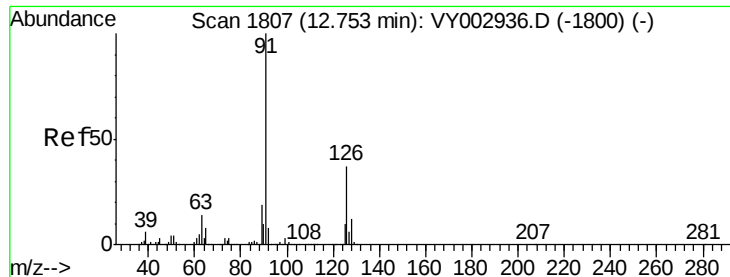
120 25.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

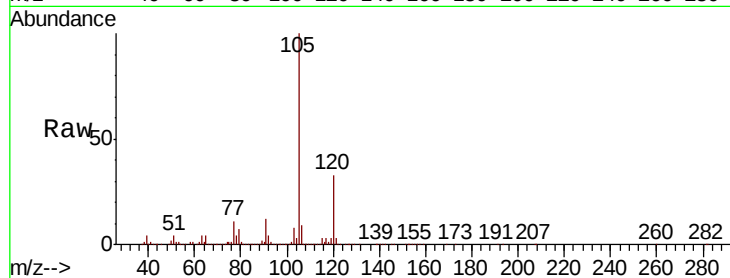




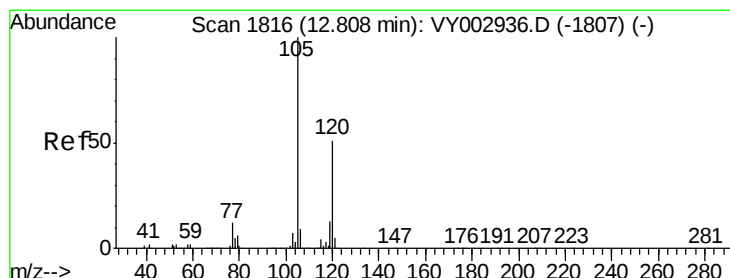
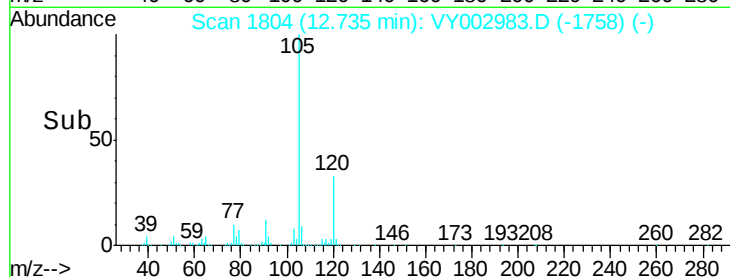
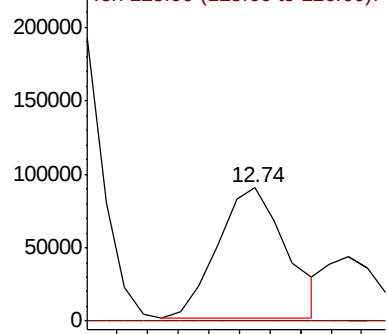
#79
2-Chlorotoluene
Concen: 14.724 ug/l
RT: 12.74 min Scan# 1804
Delta R.T. -0.02 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Instrument :
MSVOA_Y
ClientSampled :
SB-2

Tot Ion: 91 Resp: 138053
Ion Ratio Lower Upper
91 100
126 0.2 18.5 55.5#

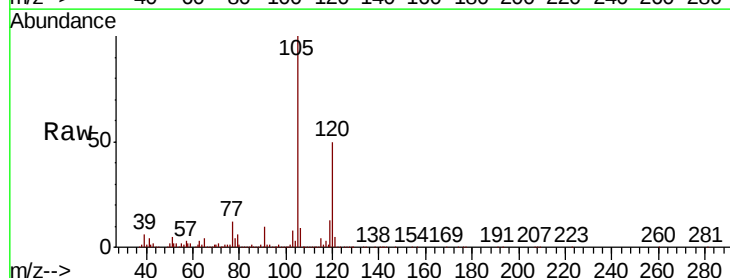


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

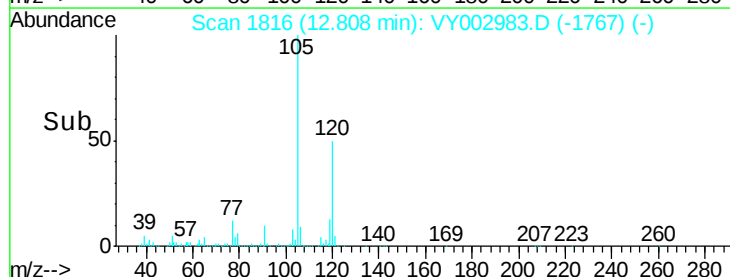
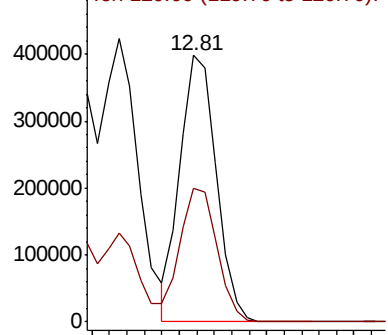


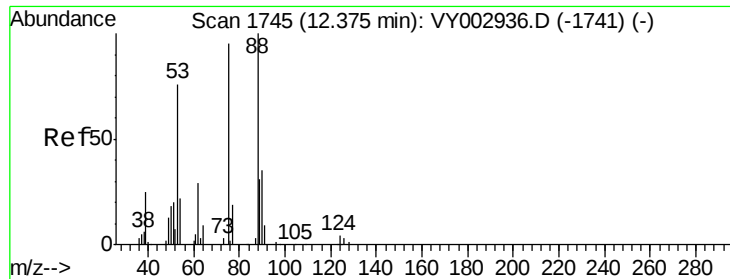
#80
1,3,5-Trimethylbenzene
Concen: 47.643 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Tgt Ion: 105 Resp: 573098
Ion Ratio Lower Upper
105 100
120 51.1 25.6 76.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 87.042 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

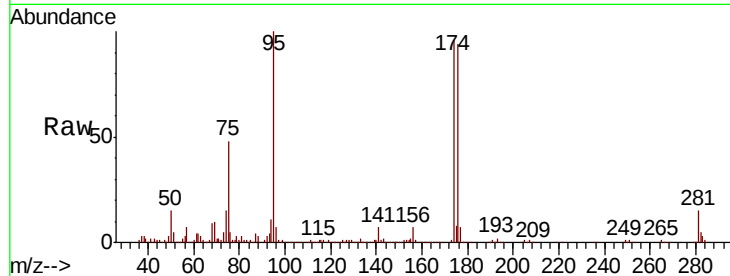
Tot Ion: 75 Resp: 93481

Ion Ratio Lower Upper

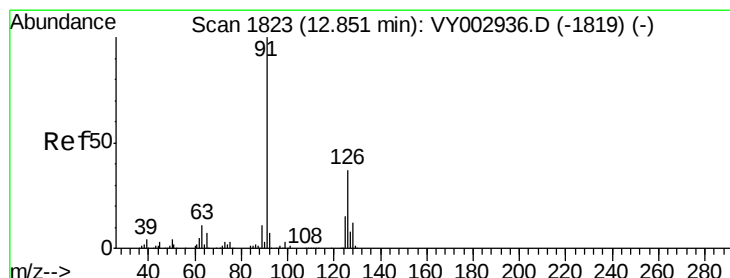
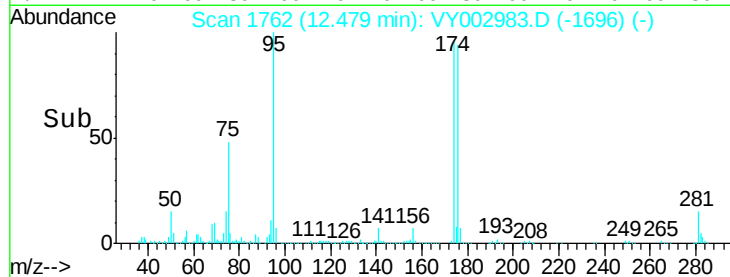
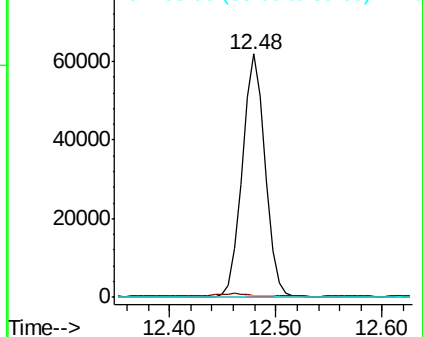
75 100

53 0.0 65.1 97.7#

89 0.6 38.4 57.6#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 5.743 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.04 min

Lab File: VY002983.D

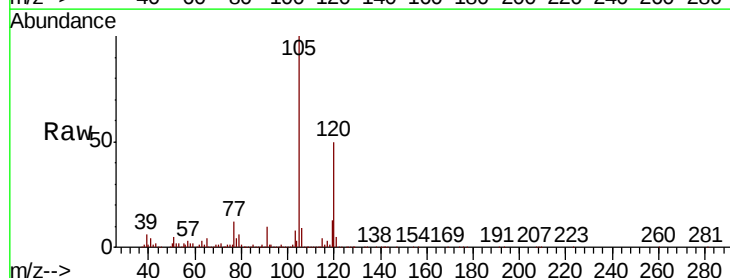
Acq: 22 Jun 2020 18:57

Tgt Ion: 91 Resp: 56626

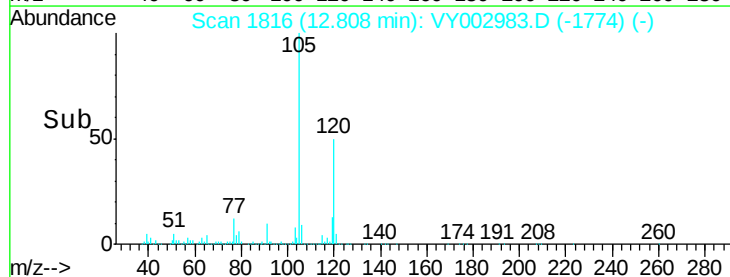
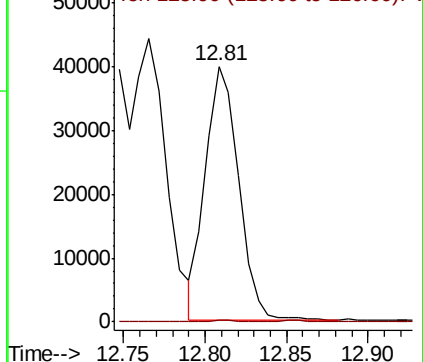
Ion Ratio Lower Upper

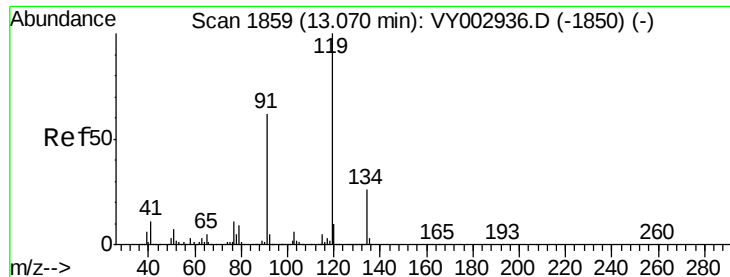
91 100

126 0.5 18.6 55.8#



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 24.417 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.05 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

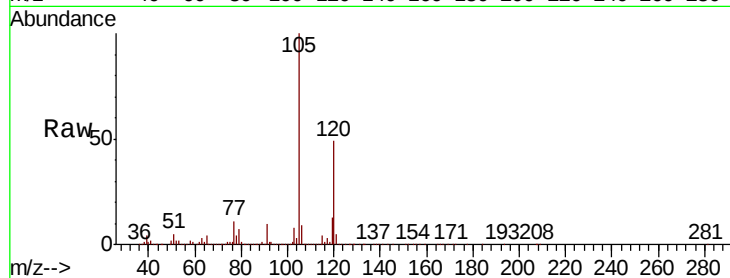
Tot Ion:119 Resp: 263085

Ion Ratio Lower Upper

119 100

91 77.5 29.9 89.7

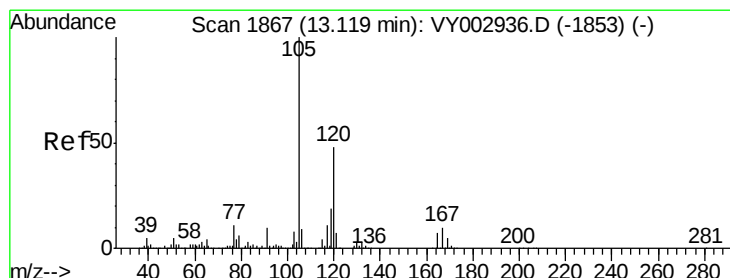
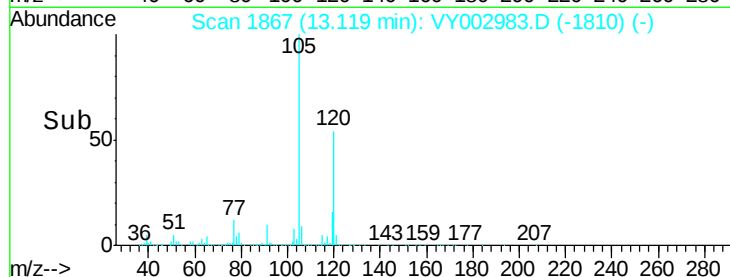
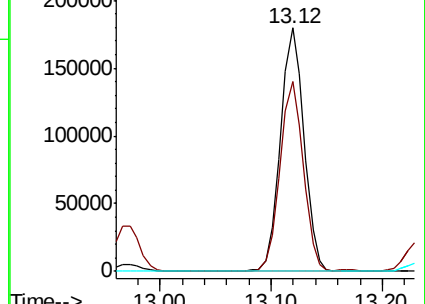
134 0.0 13.3 39.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 170.677 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002983.D

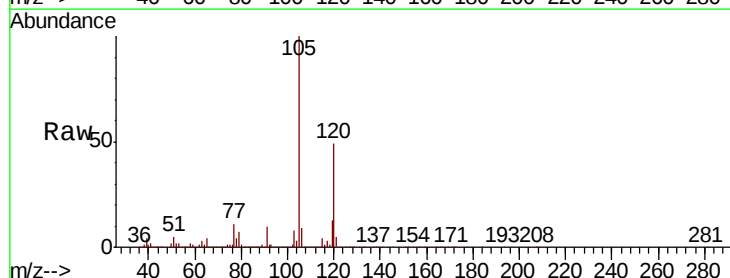
Acq: 22 Jun 2020 18:57

Tgt Ion:105 Resp: 2065913

Ion Ratio Lower Upper

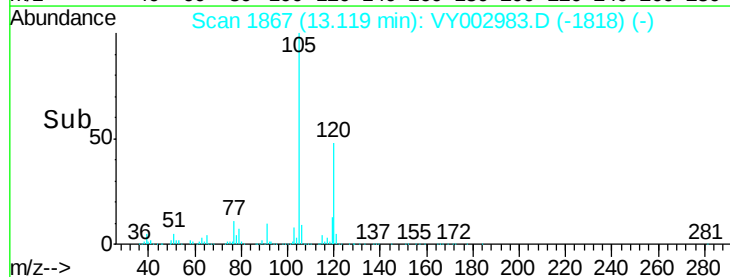
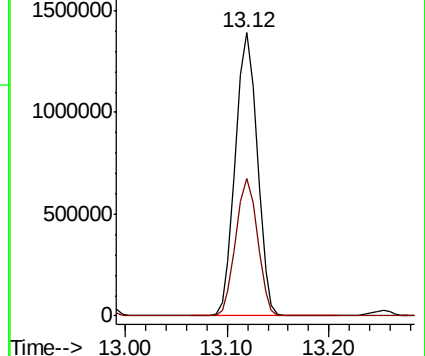
105 100

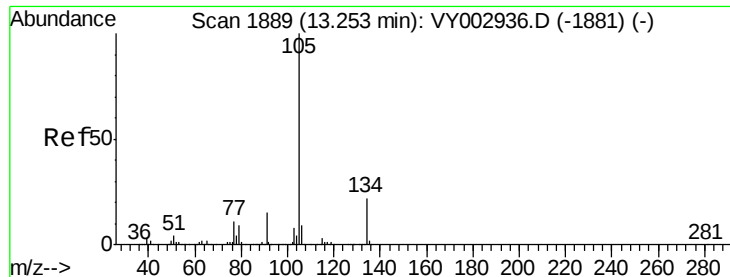
120 48.3 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 140.951 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.13 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

ClientSampleId :

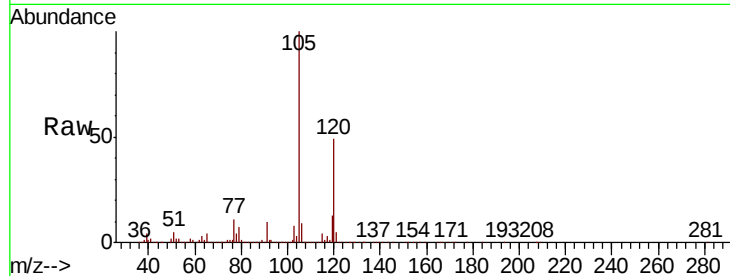
SB-2

Tot Ion:105 Resp: 2065913

Ion Ratio Lower Upper

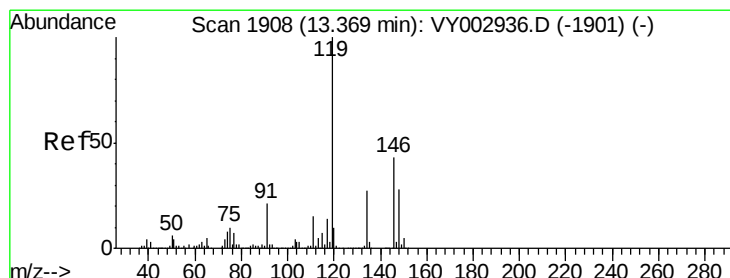
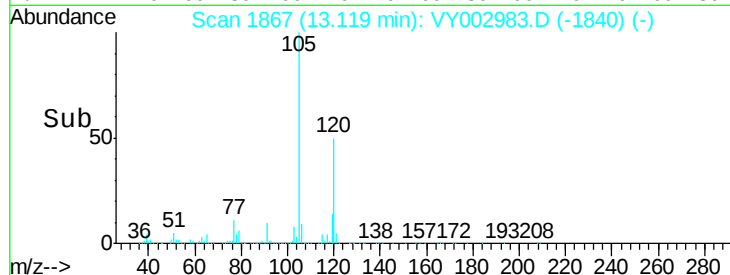
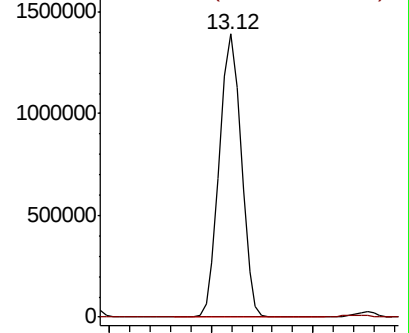
105 100

134 0.0 10.8 32.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.132 ug/l

RT: 13.31 min Scan# 1899

Delta R.T. -0.05 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

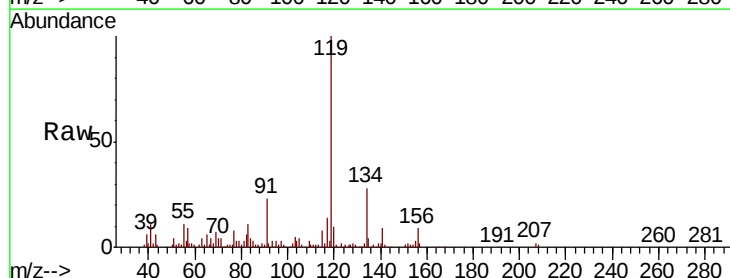
Tgt Ion:119 Resp: 43056

Ion Ratio Lower Upper

119 100

134 27.8 13.6 40.8

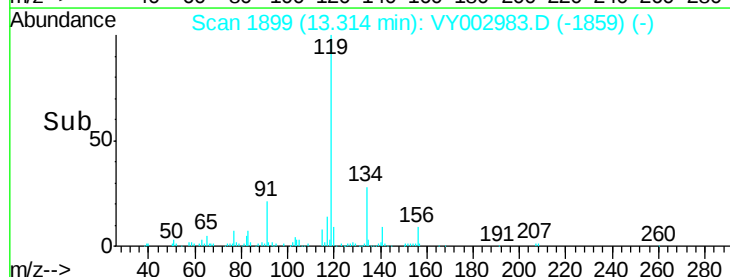
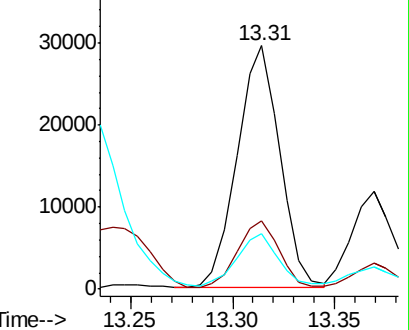
91 20.7 10.8 32.4

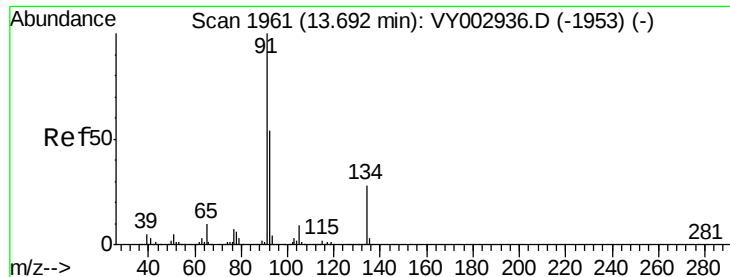


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

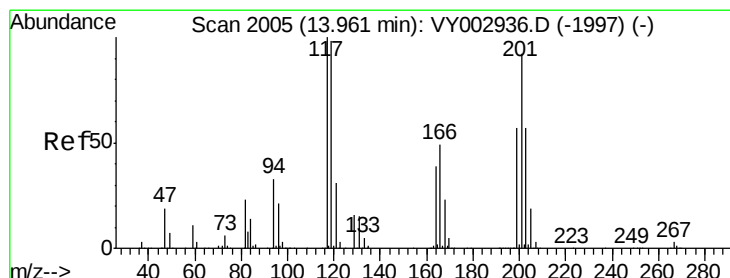
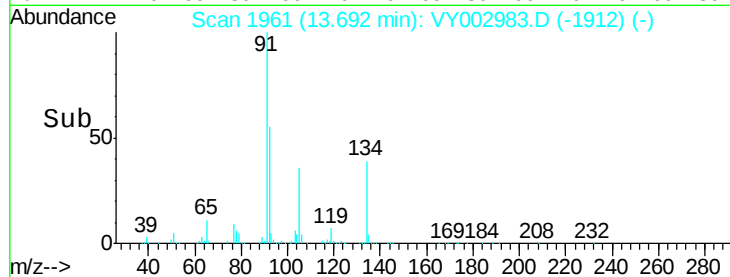
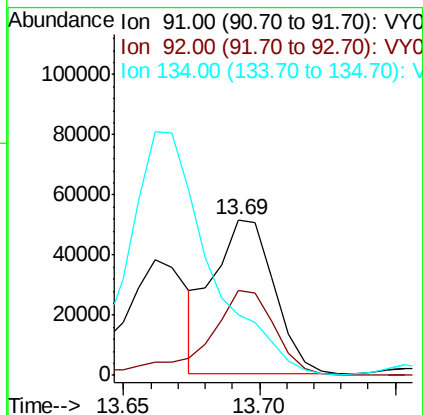
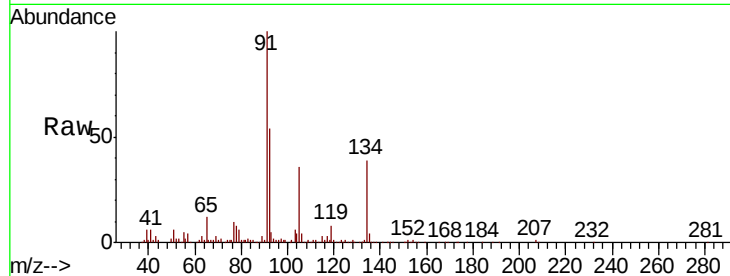




#89
n-Butylbenzene
Concen: 6.350 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

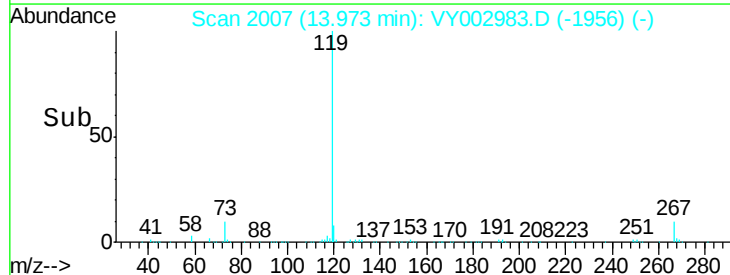
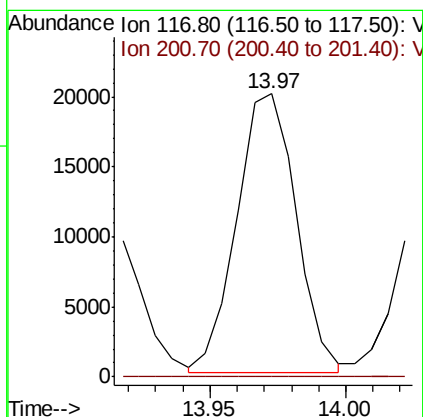
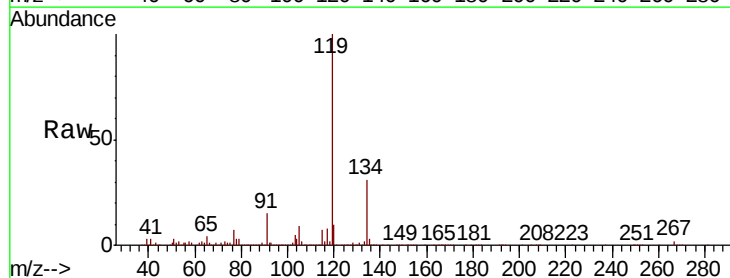
Instrument :
MSVOA_Y
ClientSampled :
SB-2

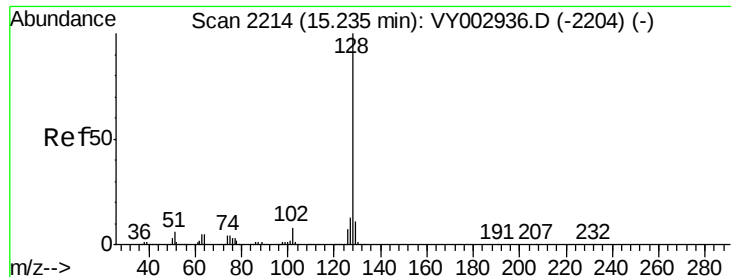
Tot Ion: 91 Resp: 78924
Ion Ratio Lower Upper
91 100
92 60.7 27.0 80.8
134 0.0 14.5 43.5#



#90
Hexachloroethane
Concen: 11.828 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Tgt Ion: 117 Resp: 30288
Ion Ratio Lower Upper
117 100
201 0.2 45.1 135.5#





#95

Naphthalene

Concen: 51.378 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

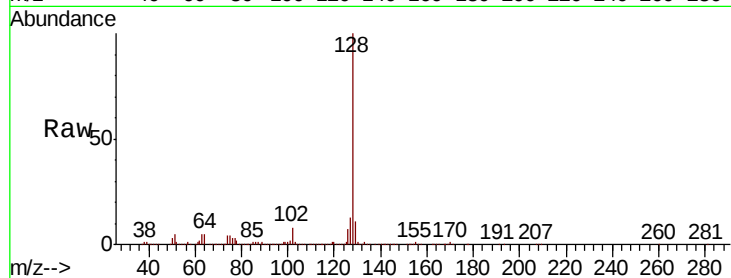
Tot Ion:128 Resp: 498012

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

